

UNIVERSITY GRANTS COMMISSION
Bahadurshah Zafar Marg
New Delhi 110002

Proforma for submission of the proposal by state Private Universities for establishment of off-campus centre(s)

PART-I About University:

A. Basic Information		
1.	Name of the University and State	Shoolini University of Biotechnology and Management Sciences, Solan Himachal Pradesh
2.	Complete postal address of the university along with website (<i>as per Act of the University</i>)	Village Bajhol, Sultanpur-Kumarhatti Road, Solan-173229 (H.P.) www.shooliniuniversity.com
3.	Contact Details: a. E-mail b. Landline Phone Nos.	vc@shooliniuniversity.com 01792-350000
4.	Authorities of university: a. Name, Official email-ID, landline number and Mobile Number of Vice Chancellor b. Name, Official email-ID, landline number and Mobile Number of Registrar	Prof Atul Khosla, vc@shooliniuniversity.com 01792-350000; 9654545645 Dr Sunil Puri, registrar@shooliniuniversity.com ; 1792-350000; 9816011680
5.	Date of establishment of university (<i>Attach Notification issued by the State Govt</i>)	16-10-2009 Copy of Notification No. EDN-A-Gha (8)-10/2006 dated 15th October 2009 (Annexure-I)
6.	Date of commencement of academic activities (<i>Attach Notification issued by the State Govt.</i>)	Shoolini University Act came into force w.e.f. 16-10-2009 as per Notification annexed as Annexure-I. The academic activities were commenced from the academic session 2009-10 with the approval of Academic Council of the University. (Proceedings of the Academic Council are attached as Annexure-II). Later on the Government of Himachal Pradesh accorded course approval vide letter No.


VICE CHANCELLOR
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BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


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		EDN-A-Ka(5)-1/2011 dated 28 June 2011 (Annexure-III).
7.	Thrust Area of the university (as per Act)	As per Section 3 of the Act, the objectives of the University are, among others, to provide instructions, teaching, and training in higher education with a view to create higher levels of intellectual abilities which will further impart for research and placements.
8.	Territorial jurisdiction of the university as per its act (<i>Attach copy of relevant Clause/ Section</i>)	There is no territorial jurisdiction of the university stipulated in the Act. However, the university is established in the state of Himachal Pradesh. The objectives of the university include to set-up off campus centres, subject to applicable rules or regulations (Section 3 (h) of the Act). Annexure-IV
9.	Details of. If any, already established. a) Off campuses b) Off- Shore campuses (Mention name, location and number of programs offered, faculty strength and student strength) (<i>Attach approval of the Competent Authority such as State Govt./ UGC/ Ministry of Education etc.</i>)	-Nil-
10.	Highlights of the accomplishments of the university as its strengths to start off campuses	Shoolini University is ranked: <ul style="list-style-type: none"> • 2nd in India as per THE (World University Rankings 2023). • 1st No. among private universities and 5th over all in the country in the THE Asia University Rankings 2024. • 771-780 band as per QS World University Rankings 2024. • among top 100 universities in India as per NIRF Rankings (National Institutional Ranking Framework).
11.	Reason for establishment of off campus and justification	The Foundation for Life Sciences and Business Management i.e. the founder of the University is already running an Institute i.e. Shoolini Institute of Life Sciences and


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		Business Management (SILB) affiliated to HP University, Shimla. The Institute offers UG/PG courses in Microbiology, Biotechnology, Computer application etc. The function and ability of the institute may be advanced under the umbrella of Shoolini University.
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B. Accreditation and Ranking

1.	Accredited by NAAC, if Yes, mention the ranking and validity period (Attach copy of letter of NAAC)	Yes. The University was accredited by NAAC as B++ with CGPA of 2.92. Valid up to December 15, 2021. Certificate of Accreditation is attached as Annexure-V.
2.	NIRF ranking of the university, for last three years, if any.	2021: Ranked 96 2022: Ranked 89 2023: Ranked 73 Certificates attached as Annexure-VI
3.	National or international ranking obtained, if any. If yes, give details for last three years.	Times Higher Education (THE) World Ranking: 501-600 (2024); 351-400 (2023). QS World Ranking: 771-780 (2024), 801-1000 (2023). (Annexure-VII)
4.	Accredited by NBA, if yes, give details such as name of program and duration of approval. (Attach supporting document).	Yes, below programs of the university have been accredited by NBA. MBA: 2022-2025 B Pharmacy: 2019-2022 (Annexure-VIII)

C. Programs Offered

1.	Details of Name, duration type (UG/PG/others), student strength, faculty strength of programs being offered. (Furnish these details faculty wise / discipline wise or branch wise / program wise for last 3 academic years)												
	Name of the Faculty	UG						PG					
		2021		2022		2023		2021		2022		2023	
	Name of Faculty	SI*	Actual	SI	Actual	SI	Actual	SI	Actual	SI	Actual	SI	Actual
	Applied Sciences and Biotechnology	252	228	175	166	250	231	175	158	175	103	175	135
	Engineering and Technology	150	116	230	210	450	392	45	30	45	39	105	82


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	Legal Sciences	80	71	80	53	80	61	30	22	30	18	60	37												
	Pharmaceutica l Sciences	10 0	96	100	95	100	97	36	34	36	33	36	32												
	Agriculture	60	51	60	44	60	46	45	39	45	29	45	22												
	Management Sciences	27 0	176	155	144	250	230	100	91	120	103	180	146												
	Liberal Arts & Spiritual Sciences	85	79	40	29	40	32	35	27	35	24	50	33												
	Sciences	45	43	35	30	70	64	90	77	50	27	50	43												
	Total	10 42	860	875	771	1300	1153	556	478	536	376	701	530												
*SI: Sanctioned Intake																									
2.	Details of academic collaborations (within India and abroad), if any, with other institutions for offering its programmes. <i>(Name of other collaborating institutions, Number of faculty/students exchange, type of programme such as dual or twinning program etc, must be furnished for last 3 years, year wise).</i>					Shoolini University founded by the FLSBM initiated intra- and inter-institutional interdisciplinary collaborative activities for faculty and student training, student exchange, learning, internship, research etc. The university has collaboration with 270 (national 129 & international 141) institutions/ organizations. Details are given in Annexure- IX																			
3.	Any programme/course under Open and Distance learning mode / online mode / virtual campus. (Furnish details such as name, mode of offering, duration, student strength, faculty strength program wise). <i>(Attach copy of the approval from the concerned body)</i>					Shoolini University has been permitted by the UGC to offer following courses through Open and Distance Learning (ODL) mode vide F.No.10-1/2023(DEB-II)(Part File) Dated 22-03-2023. A copy of approval and the detail for the courses, faculty strength and student strength are enclosed as Annexure-X . <table><tr><td>Faculty strength</td><td>27</td></tr><tr><td>Courses</td><td>Students</td></tr><tr><td>Bachelor of Business Administration (BBA)</td><td>357</td></tr><tr><td>Bachelor of Commerce (BCom)</td><td>5</td></tr><tr><td>Master of Arts (MA) English</td><td>23</td></tr><tr><td>Bachelor of Arts (Journalism and Mass Communication) (BAJMC)</td><td>22</td></tr></table>								Faculty strength	27	Courses	Students	Bachelor of Business Administration (BBA)	357	Bachelor of Commerce (BCom)	5	Master of Arts (MA) English	23	Bachelor of Arts (Journalism and Mass Communication) (BAJMC)	22
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		Master of Business Administration (MBA) Online	949											
4.	Skill augmenting programmes for students / teachers being offered. If so, provide details such as name of the program, number of participants, nature of skill for last 3 years.	Shoolini University has been sanctioned with DBT supported Skill Vigyan program. A copy of approval is enclosed as Annexure-XI .												
5.	Approval of concerned Regulatory/Statutory Bodies/Councils taken for professional/technical/medical programmes offered. <i>Attach copies of approvals.</i> <table border="1"> <tr> <th>Name of the program</th> <th>Statutory Council</th> <th>Whether approval taken</th> </tr> <tr> <td>Pharmacy (UG & PG)</td> <td>Pharmacy Council of India</td> <td>Yes</td> </tr> <tr> <td>Legal Sciences (UG & PG)</td> <td>Bar Council of India</td> <td>Yes</td> </tr> </table> Approvals from concerned bodies/ council as Pharmacy Council of India and Bar Council of India, are enclosed as Annexure-XII .					Name of the program	Statutory Council	Whether approval taken	Pharmacy (UG & PG)	Pharmacy Council of India	Yes	Legal Sciences (UG & PG)	Bar Council of India	Yes
Name of the program	Statutory Council	Whether approval taken												
Pharmacy (UG & PG)	Pharmacy Council of India	Yes												
Legal Sciences (UG & PG)	Bar Council of India	Yes												
6.	Availability of admission procedure for the programmes in i) Website (give link) ii) The prospectus.	i) Website link for the admission is as under: https://shooliniuniversity.com/shoolini-admission ii) The prospectus for admission every year is produced by the university for ready reference by the prospective student which is made available to the university's website and in hard copy. A link for the prospectus is given below: https://shooliniuniversity.com/pdf/ShooliniInformationBrochure.pdf												
D. Student Performance														
1.	Program-wise academic results of students for the past 3 years													
Sl. No.	Name of program	sanctioned Intake	No. of candidates Admitted	No. of candidates appeared in examination	No. of candidate passed									


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	Male Female	Male Female	Male Female
Student performance for last three years 2023, 2022 and 2021 are enclosed as Annexure-XIII			

E. Faculty Details

1.	Specify programme wise.				
Sl. No.	Program	Total No. of faculty		No. of Faculty with PhD	No. of faculty pursuing PhD
		Male	Female		
1.	Agriculture	13	7	20	--
2.	Applied Sciences and Biotechnology	5	5	8	02
3.	Bio Engineering	21	11	29	03
4.	Core Engineering	24	5	24	5
5.	Design	01	--	01	-
6.	AI, Computer and Data Science	19	9	13	15
7.	Media and Communication	02	04	02	04
8.	Liberal Arts	09	13	06	16
9.	Spirituality and Happiness	03	03	04	02
10.	Business Management	42	21	20	43
11.	Pharmaceutical Sciences	19	18	23	14
12.	Environment Science	03	06	07	2
13.	Physics and Materials Science	03	04	07	--
14.	Advanced Chemical Sciences	04	06	08	02
15.	Law	03	08	03	08
16.	ODL	01	06	01	06
School-wise list of faculties is enclosed as Annexure-XIV					
2.	Faculty retention (Gender wise)			Male	Female
	a. No. of faculty joined this year.			26	30
	b. No. of faculty serving for last 2 years			29	23
	c. No. of faculty serving for last 3 years			7	12
	d. No. of faculty serving for last 5 years			6	5
	e. No. of faculty serving for last 10 years			5	-
3.	Total number of sanctioned and filled-up faculty positions.				


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(Please attach details of all teaching staff separately)						
Program	Professor		Associate Professor		Assistant Professor	
	Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
Agriculture	02	02	03	02	20	19
Biotech	02	02	02	--	16	15
Bio-Engineering	05	04	01	01	11	11
Core Engg.	07	07	03	03	13	13
Design	02	01	01	01	--	--
AI	03	03	06	06	24	24
Media	02	02	03	03	04	03
Lib Arts	03	03	02	02	13	12
Spirituality	01	01	02	02	04	04
Mgt.	14	14	10	09	50	50
Pharma	04	04	05	05	19	17
Env.Sc	03	03	03	03	14	14
Physics	01	01	02	02	08	08
Chemistry	04	04	01	01	10	10
Law	01	01	01	01	11	11
ODL	01	-	07	07	01	-
Total	55	52	45	41	225	218
Detail of teaching staff is already given in Annexure-XIV						

F. Research Accomplishment

1. Basic Details (Furnish department / branch wise a. Name of the department / branch b. Number of supervisors c. Number of Ph. D awarded totally. d. Number of Ph. D awarded during last 5 years gender wise. e. Number of current research students' gender wise (Full time and fellowship, full time with no fellowship, part time)	Name of Faculty	No. of PhD supervisors	No. of PhD awarded totally	No. of PhD awarded last 5 yrs gender wise		No. of current research students gender wise	
				M	F	M	F
	Faculty of Applied Sciences and Biotechnology	23	156	20	43	19	53
	Faculty of Pharmaceutical Sciences	11	30	08	09	11	08
	Faculty of Liberal Arts and Spiritual Sciences	14	05	03	02	13	34


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		Faculty of Management Sciences	10	32	12	05	15	33												
		Faculty of Engineering and Technology	32	35	22	9	33	9												
		Faculty of Legal Sciences	5	0	0	0	3	6												
		Faculty of Sciences	41	152	32	61	25	68												
		Faculty of Agriculture	25	0	0	0	0	0												
2.	No. of peer-reviewed research papers published by the university during last 5 years. (Give the complete details year-wise)	Total No. of peer-reviewed research papers published by the university to date is 2850 as detailed below. <table><tr><td>Overall</td><td>2019</td><td>2020</td><td>2021</td><td>2022</td><td>2023</td></tr><tr><td>2850</td><td>239</td><td>392</td><td>564</td><td>860</td><td>795</td></tr></table> A list of publications is enclosed as Annexure-XV.							Overall	2019	2020	2021	2022	2023	2850	239	392	564	860	795
Overall	2019	2020	2021	2022	2023															
2850	239	392	564	860	795															
3.	Major achievements of the university during last five years (Details of best publications with citations, novel foundational and multidisciplinary courses, awards, recognitions achieved, etc.)	Shoolini University has got 'H' index 125. A detailed list of best publications with citations is enclosed as Annexure-XVI.																		
4.	No. of patents: a. Filed by the university during last 5 years. b. Commercialised by the university during last 5 years. (Give the details year-wise)	Shoolini University has Filed 1057 patents in total out of which 294 patents have been Granted. A list of patents filed and granted are enclosed as Annexure-XVII and XVIII.																		
5.	Sponsored Research Projects:																			
	Sl. No.	Project Title	Sponsoring Agency	Project Nature	Status On-going Completed	Amount sanctioned														


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	Shoolini University has got research and extra-mural funding worth Rs 39.76 Cr. A list of projects approved from funding agencies, DBT, DST, SERB, ICMR, HIMCOSTE, iHUB etc is enclosed as Annexure-XIX .																																
G. Infrastructure Facility																																	
1.	ICT facilities in classrooms (Furnish details on available infrastructure and number of classes rooms with facility and without facility)	All the classrooms in the university are equipped with ICT facilities viz projection screen, power point projector, white board, LAN, wi-fi etc. A list of classrooms and labs is enclosed as Annexure-XX .																															
2.	Common Computer Lab (Furnish details on number of computers of different specification)	<table><tr><td>S.No.</td><td>Labs/No.</td><td>No. of Computer</td></tr><tr><td>1</td><td>CC Lab</td><td>60</td></tr><tr><td>2</td><td>CL2 Lab</td><td>25</td></tr><tr><td>3</td><td>CL3 Lab</td><td>30</td></tr><tr><td>4</td><td>ANALYTICS</td><td>4</td></tr><tr><td>5</td><td>AR/VR Lab</td><td>15</td></tr><tr><td>6</td><td>ODL LAB</td><td>10</td></tr><tr><td></td><td>Total</td><td>144</td></tr></table>	S.No.	Labs/No.	No. of Computer	1	CC Lab	60	2	CL2 Lab	25	3	CL3 Lab	30	4	ANALYTICS	4	5	AR/VR Lab	15	6	ODL LAB	10		Total	144							
S.No.	Labs/No.	No. of Computer																															
1	CC Lab	60																															
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3	CL3 Lab	30																															
4	ANALYTICS	4																															
5	AR/VR Lab	15																															
6	ODL LAB	10																															
	Total	144																															
3.	Program-wise lab infrastructure	Program-wise lab details are enclosed as Annexure-XXI																															
4.	Library: a. Number of volumes of books programme wise b. Number of copies of each volume c. Digital Library	<table><tr><td>Programme</td><td>No. of copies</td><td>Volumes</td></tr><tr><td>Pharmacy</td><td>1281</td><td>5027</td></tr><tr><td>Management Science</td><td>2105</td><td>8072</td></tr><tr><td>Engineering</td><td>4262</td><td>14028</td></tr><tr><td>Life Science</td><td>2218</td><td>8802</td></tr><tr><td>Law</td><td>2724</td><td>4808</td></tr><tr><td>General</td><td>6334</td><td>7177</td></tr><tr><td>Yoga</td><td>222</td><td>387</td></tr><tr><td>HM</td><td>84</td><td>84</td></tr><tr><td>School of Design</td><td>27</td><td>27</td></tr></table> Total Title = 19,249 Total print books = 48,409 Digital Library: In house software has been developed. The KOHA is an open-source library management software that provides a	Programme	No. of copies	Volumes	Pharmacy	1281	5027	Management Science	2105	8072	Engineering	4262	14028	Life Science	2218	8802	Law	2724	4808	General	6334	7177	Yoga	222	387	HM	84	84	School of Design	27	27	
Programme	No. of copies	Volumes																															
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	<p>d. Number of journals and publishers</p> <p>e. Any special scheme adopted for benefits of students of various categories.</p> <p>f. Details on assisting staff</p>	<p>comprehensive set of tools to manage various aspects of Library operation.</p> <p>Print Journals = 3 (Pharmacy)</p> <p>E Books approximately = 2,50,000</p> <p>E Journals = 14,500</p> <p>Director of YKC: Col TPS Gill; Librarian: Arti Thakur; Assistant Librarian: Lata Thakur; Library Assistant: Neha Thakur; Library Assistant: Neelam Thakur; Library Assistant: Rakesh Sharma; Library Assistant: Vinod Sharma; Assistant Professor: Harsha Thakur; Library Attendant: Kamlesh and Manish</p>												
5.	<p>Sports</p> <p>Furnish facilities created for students in terms of equipment, assisting staff, fields, ground, etc.</p>	<p>The sport facility has been created:</p> <table border="1"> <thead> <tr> <th>S.No</th><th>Facility</th><th>Staff</th></tr> </thead> <tbody> <tr> <td>1</td><td>Milkha Singh Sport Complex having Badminton, Tennis court, Gym facility</td><td>Coach: 1 Attendant: 2 Cleaning staff: 2</td></tr> <tr> <td>2</td><td>Yuvraj Singh Cricket Stadium (708 Sq mtrs)</td><td>Coach: 1 Attendant: 1 Cleaning staff: 2</td></tr> <tr> <td>3</td><td>Volleyball & Basket-ball court; Open Badminton Court</td><td>Coach: 2 Attendant: 2 Cleaning staff: 2</td></tr> </tbody> </table>	S.No	Facility	Staff	1	Milkha Singh Sport Complex having Badminton, Tennis court, Gym facility	Coach: 1 Attendant: 2 Cleaning staff: 2	2	Yuvraj Singh Cricket Stadium (708 Sq mtrs)	Coach: 1 Attendant: 1 Cleaning staff: 2	3	Volleyball & Basket-ball court; Open Badminton Court	Coach: 2 Attendant: 2 Cleaning staff: 2
S.No	Facility	Staff												
1	Milkha Singh Sport Complex having Badminton, Tennis court, Gym facility	Coach: 1 Attendant: 2 Cleaning staff: 2												
2	Yuvraj Singh Cricket Stadium (708 Sq mtrs)	Coach: 1 Attendant: 1 Cleaning staff: 2												
3	Volleyball & Basket-ball court; Open Badminton Court	Coach: 2 Attendant: 2 Cleaning staff: 2												



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6.	Hostels Furnish details on available	Block	Occupancy Type	Occupied
		Boys Hostel		
		Arya Bhat - A Block (Attached Washroom)	Triple	118
			Double	12
		Arya Bhat - B Block (Attached Washroom)	Triple	158
		Rabindranath Tagore Hostel (National)	Double	89
		Rabindranath Tagore Hostel (International)	Double	44
		New Boys Hostel – B Blocks	Double	139
		New Boys Hostel – C Blocks	Double	166
		Total for Boys Hostel		726
		Girls Hostel		
		Girls Hostel A -Block (Sarojini Naidu)	Triple	182
		Girls Hostel B -Block (Kasturba Gandhi)	Triple	255
			Quad	16
		Girls Hostel C -Block (Mother Teresa)	Double	6
			Triple	52
			Quad	318
		Girls Hostel D -Block (Mother Teresa)	Double	14
			Triple	69
			Quad	145
		Total for Girls Hostel		1057
		Total for Students in Hostel		
				1783

H. Financial Status

1.	Details of the Corpus Fund created by the University including Amount, FDR Number, Date, and period etc. (Documentary evidence to be given)	Corpus fund created by the university has FDRs as detailed below: 1. FDR No. 043300PU00038093; 25.05.2023; 444 days 2. FDR No. 043300DP00052599; 26.10.2023; 01 yr Copy of FDRs are enclosed as Annexure-XXII .												
2.	Financial position of the University (please provide audited income and expenditure statement for the last 3 years)	<table> <tr> <th>Year</th><th>Income</th><th>Expenditure</th></tr> <tr> <td>2022-23</td><td>718,633,704.00</td><td>683,458,534.00</td></tr> <tr> <td>2021-22</td><td>571,331,843.00</td><td>541,629,519.00</td></tr> <tr> <td>2020-21</td><td>475,139,912.00</td><td>432,463,434.00</td></tr> </table> <p>Audited income and expenditure statements for the last three years are attached as Annexure-XXIII.</p>	Year	Income	Expenditure	2022-23	718,633,704.00	683,458,534.00	2021-22	571,331,843.00	541,629,519.00	2020-21	475,139,912.00	432,463,434.00
Year	Income	Expenditure												
2022-23	718,633,704.00	683,458,534.00												
2021-22	571,331,843.00	541,629,519.00												
2020-21	475,139,912.00	432,463,434.00												
3.	Source of finance and quantum of funds available for running the University (for last audited year)	Fees – Rs. 56,96,52,621/- Donations/Grant Rs 4,00,16,653/- Loans- Rs 35,34,28,427/- Interest – Finance Cost Rs 2,93,13,147/- Any other (Pl. Specify) Income Rs 4,24,54,946/-												
4.	Criteria adopted by the university for fee fixation for different programmes. (give Program wise)	The fee fixation for different programs in the university is performed before every session meeting the requirement of creation & maintenance expenses, salary to the staff and other												


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		<p>expenses which are duly approved by the Govt of Himachal Pradesh.</p> <p>A copy of fee approval program-wise for the year 2023-24 from HP Govt is enclosed as Annexure-XXIV.</p>
I. Other General		
1.	Whether the university has been inspected by the UGC to ascertain the fulfilment of parameters of faculty students, infrastructural facilities etc, if yes, mention the date of inspection and attach the report received.	The University was inspected by the Inspection Committee on 18 and 19 October 2010. The Report of the said Committee is attached as Annexure-XXV
2.	Whether the university has complied with the observations/recommendations of the UGC Visiting Expert Committee. <i>If yes, whether UGC has accepted the compliance (attach copy of letter of UGC)</i>	The university has complied with the observations/recommendations of the UGC and the same have been accepted and approved by the UGC in its 493 rd meeting held on 10 th May 2013. A copy of letter No.8-1/2010(CPP-1/PU) dated 22 May 2013 received in this regard from the UGC is attached as Annexure-XXVI .
3.	Details on if university has uploaded the data of students on National Academic Depository (NAD).	Yes; The data of students is uploaded on National Academic Depository (NAD). Total no of awards lodged to NAD is 19938. A copy of screenshot of NAD Dashboard is enclosed as Annexure-XXVII
4.	Details on if university is uploading the data of Ph. D scholars on Shodh Ganga Portal.	Yes; The data of the PhD scholars as PhD Thesis is regularly uploaded on the Shodh Ganga Portal. Total 410 PhD theses have been uploaded to date to Shodh Ganga portal (Annexure-XXVIII)
5.	Establishment of Students Grievance Redressal System (Give details including details of Ombudsperson)	The Students Grievance Redressal Committee (SGRC) has been constituted. A copy of the same is attached as Annexure-XXIX
6.	Details on level of implementation of NEP-2020 in the university?	Shoolini University is actively embracing the principles of the National Education Policy (NEP) 2020 to transform itself into a holistic multidisciplinary institution. Our institutional preparedness is evident in various aspects. We have introduced programs in fields like Bioinformatics, which stands on the cusp of Life Sciences and Technology. A School of Design as


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	<p>has been established and will be offering courses and programs that are relevant for engineering and arts students alike. Our flagship programs like MBA have been transformed by introducing specialization, where the student can opt for domains as varied as Data science and AI to Healthcare</p> <p>An effective practice at Shoolini University is the integration of students from different streams in both Minor and Foundation courses. The minor courses offer the students to explore knowledge beyond their degree program. A student of computer science can get a Minor specialization in Performing Arts or a humanities student can study Artificial intelligence on completing 12 credits in that area as per the UGC norms. This approach also brings together in a class, students with diverse backgrounds, promoting cross-disciplinary discussions. It fosters a collaborative spirit and holistic learning, which aligns perfectly with the principles of NEP 2020.</p> <p>In line with the recommendation of the NEP, a course on digital technology, "Living in the Digital Age." has been offered to the students in first semester. We are also offering foundation courses on Data Science as data analyzation is going to be a big part of many jobs in the future. Both Indian languages (e.g. Hindi and Sanskrit) and Foreign languages (e.g. Mandarin, Farsi, German) are also offered. In addition, a Functional English/ Writing Seminar course is also offered to all programs to hone their English speaking and writing skills.</p> <p>Shoolini University's curriculum is designed to incorporate credit-based courses that align with the policy's focus on community engagement, environmental education, and value-based learning. For instance, students can participate in community service projects and engage in environmental awareness initiatives while earning credits toward their degrees under a course titles "Social Project". Shoolini University places great emphasis on engaging in multidisciplinary</p>
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		research endeavours to address society's most pressing challenges.
7.	Modalities to inform prospective students about the criteria for admission, rules and regulations, facilities available, etc.	An Admission Cell with the university is placed which functions for the publication of Admission advertisement in News Paper, on-line media, Help-line nos., updation of University Website, Campus visit and associated activities. A detailed brochure for the admission is brought out for the purpose and made available to the prospective student. A link of Admission brochure is given below: https://shooliniuniversity.com/shoolini-admission
8.	Level of Reservation rules followed in the university both at faculty selection and student admission?	The instructions issued in this regard by the Government/ Regulatory bodies from, time to time, are strictly followed in the university.
9.	Implementation of, if any, special measures to augment education training for students from marginalised classes of the society?	Scholarship to the economically weaker and needy student is offered.
10.	Whether the university has finalised Statutes, Ordinances, Rules, and Regulations as required under the Act.	Yes. The Statutes and Academic Regulations have been finalised as required under the Act.

PART-2 - About the proposed off-campus centre:

A. Basic Details		
1.	Name and complete postal address of the proposed off-campus centre.	Shoolini Institute of Life Sciences and Business Management (SILB), Anand Campus, Solan 173230 (HP).
2.	List most relevant academic reasons (with data) for proposing the off-site campus.	The institute in the last 20 years has established a new paradigm of bagging 20 gold medals in different subjects. The success of Shoolini University in the area of admission, placements, academics, Research, collaboration may be extrapolated to the new institute, SILB, Solan for enhanced outcome.
3.	Short-range, middle range and long-range vision plans for proposing the new off-site campus?	Upgradation & extension of proposed off-campus institute. Creation of more jobs, advanced facilities in local area and graduating student with enhanced skillset.


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		Top 100 institutes as per national & international rankings.
4.	Details on approval of the State Government obtained. Is it by physical inspection or not (Attach copy of approval)	Approval of the State Government is attached as Annexure-XXX which was granted on the basis of physical inspection.
B. Off Campus Ownership		
1.	Ownership of land and buildings of the proposed off-campus: a. Total Area of the proposed off-campus centre (in Acre) b. Total built-up area at the proposed off-campus centre (in mtrs) c. Direct ownership/ At least 30 years lease (Attach legal documents).	44382 sq. ft. 38382 sq. ft. The buildings have been taken on lease for a period of 30 years. (Lease Deed is enclosed as Annexure- XXXI)
C. Programmes to be offered		
1.	Details of programmes proposed to be offered at the off-campus centre. Specify each discipline of study:	SILB offers below programs under the affiliation from Himachal Pradesh University, Shimla, HP. <ul style="list-style-type: none"> • BCA & BBA • M.Sc. (Chem) • B.Sc. (Micro), M.Sc. Micro • B.Sc. (Biotech), M.Sc. (Biotech) and • M.Sc. (Botany). It is proposed to add more courses after its affiliation with Shoolini University.
2.	If some of these programs are already being offered at the proposed off campus, then- a. Name of Program b. Name of affiliating university c. Approval from the respective regulatory/Statutory	a. Detail given at Sl.No.1 above. b. Approval obtained from HPU Shimla vide Notification No.1-272/2002-HPU(Acad.) Vol-XI dated 20-01-2024 is at Annexure- XXXII c. - NA -

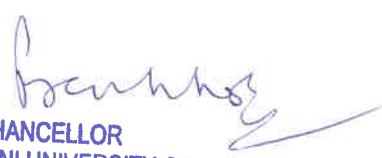

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	body (Give program wise details) d. NBA accreditation details if any e. NAAC accreditation details, if any	d. Nil e. Nil
3.	Approval of concerned Regulatory/Statutory bodies/councils taken for the new professional/technical/medical programmes to be offered. Attach copies of approval	NA

D. Infrastructure

1.	Administrative block (Built area)	2931.47 Sq. Feet																																																								
		<table><tr><th>SNo</th><th>Item</th><th>No.</th><th>Area (Sq. Ft.)</th></tr><tr><td>1</td><td>Reception Lounge</td><td>1</td><td>246.4</td></tr><tr><td>2</td><td>Accounts / Admn.Office</td><td>1</td><td>170</td></tr><tr><td>3</td><td>Director's Office</td><td>1</td><td>169</td></tr><tr><td>4</td><td>Chairperson's Office</td><td>1</td><td>255.19</td></tr><tr><td>5</td><td>Pantry</td><td>1</td><td>170</td></tr><tr><td>6</td><td>Placement Office</td><td>1</td><td>101</td></tr><tr><td>7</td><td>Medical Centre</td><td>1</td><td>196.2</td></tr><tr><td>8</td><td>Conference Room</td><td>1</td><td>272.16</td></tr><tr><td>9</td><td>Common Room</td><td>1</td><td>289.44</td></tr><tr><td>10</td><td>Guest Rooms</td><td>4</td><td>698.56</td></tr><tr><td>11</td><td>Admission Office</td><td>1</td><td>184.87</td></tr><tr><td>12</td><td>Security Guard's Room</td><td>1</td><td>49.5</td></tr><tr><td>13</td><td>BBA Faculty Room</td><td>1</td><td>129.15</td></tr></table>	SNo	Item	No.	Area (Sq. Ft.)	1	Reception Lounge	1	246.4	2	Accounts / Admn.Office	1	170	3	Director's Office	1	169	4	Chairperson's Office	1	255.19	5	Pantry	1	170	6	Placement Office	1	101	7	Medical Centre	1	196.2	8	Conference Room	1	272.16	9	Common Room	1	289.44	10	Guest Rooms	4	698.56	11	Admission Office	1	184.87	12	Security Guard's Room	1	49.5	13	BBA Faculty Room	1	129.15
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2.	Academic block (Built area)	10060.1 Sq. Feet																																																								
		<table><tr><th>SNo</th><th>Item</th><th>No.</th><th>Area (Sq. Ft.)</th></tr><tr><td>1</td><td>IT Lab - I</td><td>1</td><td>446.4</td></tr><tr><td>2</td><td>IT Lab - II</td><td>1</td><td>648</td></tr><tr><td>3</td><td>IT Lab - III</td><td>1</td><td>648</td></tr><tr><td>4</td><td>Faculty Room</td><td>1</td><td>80</td></tr></table>	SNo	Item	No.	Area (Sq. Ft.)	1	IT Lab - I	1	446.4	2	IT Lab - II	1	648	3	IT Lab - III	1	648	4	Faculty Room	1	80																																				
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1	IT Lab - I	1	446.4																																																							
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		5	BBA Faculty Room	1	132.84
		6	Microbiology Faculty Room	1	108
		7	Faculty Room	1	103.53
		8	HOD Room (Biotech.)	1	100.62
		9	Media Preparation/Dark Room	1	94.53
		10	Store Room	2	138.24
		11	Meditation Room	1	480
		12	Class Room/ Tutorial Room/Studio	1	195.8
		13	Lecture Room/Darwin Hall	1	673.2
		14	Lecturer Room	2	1296
		15	Lecture Room	1	673.2
		16	Lecture Room	1	528
		17	Faculty Room	1	528
		18	Lecture Room	1	265.5
		19	Lecturer Room	1	363
		20	Lecturer Room	1	603.9
		21	Lecturer Room	2	369.36
		22	Lecturer Room	3	1584
3.	Library: No. of volumes and copies program wise	The library is spread over 1915 sq ft. area embodying 7285 books which meets the UGC norms.			
4.	Laboratories: i) Common Labs. ii) Program wise Labs	Sl. No	Item	No.	Area (Sq. Ft.)
		1	Central Instrumentation Lab-cum-Lecture Room	1	864.6
		Microbiology			
		1	General Microbiology Lab	1	635.8
		2	Microbiology Lab	1	647.02
		3	Microbiology Media Preparation Room	1	82.88
		Chemistry			
		1	In-Organic (Chem.) Lab	1	773.5


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		2	Chemistry Lab (Organic)	1	501.9
		3	Physical Chemistry Lab	1	624.81
			Botany		
		1	Lab (Botany)	2	1296
		2	Herbarium	1	395.2
		3	Lab	1	40
		Biotechnology			
		1	Media Preparation Room	1	164.61
		2	Inoculation Room	1	108
		3	Tissue Culture Lab	1	336.69
		4	Culture Room	1	179.4
		5	Media Preparation Room	1	165
5.	Sports/ Other facilities	S. No	Item	No.	Area (Sq. Ft.)
		1	Dining Hall/Canteen Kitchen/Stores	1	1456
		2	Make Shift Seminar Hall cum Students Center	1	1456
		3	Pantry Store	1	153.4
		4	Open air theater	1	6720
		5	Middle terrace for extracurricular activities	1	2196
E. Faculty Strength					
1.	Total number faculty positions: SILB has 26 teachers on its roll. (Please attach details of all teaching staff separately, if the programs are already offered or in case new programmes to be offered, details of identified faculty) List of the faculty is at Annexure XXXIII				
F. Mode of Operation					
1.	Whether the proposed off-campus centre will be directly administered by the university in the matter of admission, instruction, evaluation, conferring of degrees etc. If not, how is it planned.		Yes. It will be directly administered by Shoolini University in the matter of admission, instruction, evaluation, conferring of degree etc.		
2.	Modalities to be adopted for admission process and selection of students for the proposed programs at the off-campus centre.		As per guidelines of the concerned Regulatory Authority, issued from time to time.		


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3.	Modalities of examination system/process at the proposed off-campus centre.	As per guidelines of the concerned Regulatory Authority, issued from time to time.
G. Other general		
1.	Employment possibilities of pass out students from the off-campus centre. Give details of any survey/study conducted in this regard.	Shoolini University demonstrates exceptional placement records, with graduates securing lucrative career opportunities and fully funded Master's and Doctoral program in world renowned universities. Our placement cell plays a crucial role in supporting students transition from education to employment, helping the students secure meaningful and rewarding career opportunities.
2.	Details on No Objection Certificate from the affiliating university in case of converting existing affiliated institutions to off campus.	The HPU had already granted NOC in favour of SILB to get affiliation from Shoolini University in April 2011 (Annexure-XXXIV). However, it continued its affiliation under HPU as the UGC has issued instructions in this regard only recently.


Vice Chancellor of University

VICE CHANCELLOR
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Registrar of University

Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

(Authoritative English text of this Department Notification No. EDN-A-Gha(8)-10/2006 dated, 15th October, 2009 as required under clause (3) of Article 348 of the Constitution of India.)

**Government of Himachal Pradesh
Department of Higher Education**

No. EDN-A-Gha(8)-10/2006

Dated Shimla-2

15th October, 2009

NOTIFICATION

In exercise of the powers vested in her under Sub-Section (2) of Section 1 of the 'Shoolini University of Biotechnology and Management Sciences (Establishment and Regulation) Act, 2009 (Act No. 20 of 2009)' the Governor of Himachal Pradesh is pleased to appoint the 16th day of October, 2009 as the date on which Act shall come into force.

By Order

**Principal Secretary (Hr. Education) to the
Government of Himachal Pradesh**

Endst. No. as above

Dated Shimla-171002

15th October, 2009

Copy for information and necessary action to:-

1. The Secretary to the Governor, Himachal Pradesh, Shimla.
2. The Principal Secretary to the Chief Minister, Himachal Pradesh, Shimla.
3. The Pvt. Secretary to the Education Minister, Himachal Pradesh, Shimla-2
4. All the Principal Secretaries/Secretaries to the Government of Himachal Pradesh.
5. The Secretary, HP Vidhan Sabha, Shimla-4.
6. The Secretary, University Grant Commission, Bahadur Shah Zafar Marg, New Delhi.
7. The Registrar, Himachal Pradesh University, Summer Hill, Shimla-5.
8. The Registrar, Yashwant Singh Parmar Horticulture and Forestry Uni., Nauli, Solan, HP.
9. The Registrar, CSK Krishi Vishva Vidyalaya, Palampur, Distt. Kangra, HP.
10. The Director of Higher Education, HP, Shimla-01.
11. The Director of Elementary Education, HP Shimla-01.
12. Mrs. Saroj Khosla, Foundation for Life Sciences and Business Management, Anand Campus, The Mall, Solan, H.P.
13. The Controller, Printing & Stationery, H.P., Shimla-5 with the request to publish this notification in Rajpatra (extra-ordinary).
14. The Guard File.

**Addl. Secretary (Hr. Education) to the
Government of Himachal Pradesh.**


**VICE CHANCELLOR
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SCIENCES SOLAN (H.P.)**


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Solan (H.P.)**

हिमाचल प्रदेश सरकार
उच्चतर शिक्षा विभाग ।

संख्या: शिक्षा-क-घ(8)-10/2006 तारीख, शिमला-171002 15 अक्टूबर, 2009

अधिसूचना

हिमाचल प्रदेश की राज्यपाल, शूलिनी बायोटेक्नोलोजी एवम् मैनेजमेंट साइंसिज विश्वविद्यालय (स्थापना और विनियमन) अधिनियम, 2009 (2009 का अधिनियम संख्यांक-20) की धारा 1 की उप-धारा (2) के अधीन उनमें निहित शक्तियों का प्रयोग करते हुए, 16 अक्टूबर, 2009 को ऐसा दिन नियत करती है, जिसको उक्त अधिनियम प्रवृत्त होगा ।

आदेश द्वारा,

प्रधान सचिव (उच्चतर शिक्षा)
हिमाचल प्रदेश सरकार ।

पृष्ठांकन संख्या: यथोपरि दिनांक शिमला-171002

15 अक्टूबर, 2009

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है:-

1. सचिव, राज्यपाल, हिमाचल प्रदेश, शिमला-2 ।
2. प्रधान सचिव, मुख्य मन्त्री, हिमाचल प्रदेश, शिमला-2 ।
3. निजी सचिव, शिक्षा मन्त्री, हिमाचल प्रदेश, शिमला-2 ।
4. समस्त प्रधान सचिव/सचिव, हिमाचल प्रदेश सरकार ।
5. सचिव, हिमाचल प्रदेश विधान सभा, शिमला-4 ।
6. सचिव, विश्वविद्यालय अनुदान आयोग, बहादुर शाह ज़फ़र मार्ग, नई दिल्ली ।
7. रजिस्ट्रार, हिमाचल प्रदेश विश्वविद्यालय, शिमला-4 ।
8. रजिस्ट्रार, यशवन्त सिंह परमार औद्योगिकी एवं वाणिकी विश्वविद्यालय, नौणी, जिला सोलन ।
9. रजिस्ट्रार, चौधरी सरवन कुमार कृषि विश्वविद्यालय, पालमपुर, जिला कांगड़ा ।
10. निदेशक, उच्चतर शिक्षा, हिमाचल प्रदेश, शिमला-1 ।
11. निदेशक, प्रारम्भिक शिक्षा, हिमाचल प्रदेश, शिमला-1 ।
12. मिसेज सरोज खोसला, फाउण्डेशन फॉर लाइफ साइंसिज एण्ड बिजिनेस मैनेजमेंट, आनन्द कैम्पस, दि मॉल, सोलन, हि0 प्र0 ।
13. नियन्त्रक, मुद्रण एवं लेखन सामग्री, हिमाचल प्रदेश, शिमला-5 । उनसे अनुरोध है कि इस अधिसूचना को राजपत्र (असाधारण) में प्रकाशित करें, ।
14. संरक्षण नस्ति ।

अतिरिक्त सचिव (उच्चतर शिक्षा)
हिमाचल प्रदेश सरकार ।

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SCIENCES SOLAN (H.P.)



Biotechnology and Management Sciences

City Office, Anand Campus, The Mall, Solan - 173212 (H.P) Tel. 01792 - 226674

No.SUBMS/09-88-108
Dated: 07-10-09

To

All the Members of
Adhoc Committee of the
Academic Council
Shoolini University of Biotechnology and
Management Sciences, SOLAN (HP)

Sub: Proceedings of the Second meeting of Academic Council

Sir

Enclosed herewith please find proceedings of the 2nd meeting of Adhoc Committee of the Academic Council held on 03-10-09 in the City Campus at Solan for favour of your information and necessary action.

Kindly acknowledge receipt.

Yours faithfully,

(Rama Nand Chauhan)
Registrar-cum-Member Secretary

(Encl: As above)

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Proceedings of the 2nd meeting of Adhoc Committee of the Academic Council of Shoolini University of Biotechnology and Management Sciences, held on 03-10-09 at 4.00 PM in the City Campus at Solan.

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The 2nd meeting of Adhoc Committee of the Academic Council constituted vide Notification No.SUBMS/09-01-07 dated 9th September, 2009 was held on 03-10-09 at City Campus, Solan. The following were present:-

- | | | | |
|----------------------------|--------------------|----------------------|-------------------|
| 1) Dr P.K.Khosla | - Chairman | 2) Dr S.C.Tewari | - Member |
| 3) Dr D.R.Sharma | - Member | 4) Dr J.M.Julka | - Member |
| 5) Dr M.L.Vaidya | - Member | 6) Prof R.K.Pathania | - Member |
| 7) Dr V.K.Gupta | - Member | 8) Mr Vishal Anand | - Member |
| 9) Dr (Mrs) Geeta Puri | - Member | 10) Mr Rajesh Sharma | - Member |
| 11) Mr Anshul | - Member | 12) Mr Kuldeep Rojhe | - Special Invitee |
| 13) Mr Tathagata Khastagir | - Special invitee | | |
| 14) Prof Rama Nand Chauhan | - Member Secretary | | |

In the beginning, the Chairman of the Adhoc Committee of the Academic Council welcomed all the members for its 2nd meeting. Thereafter, the following Agenda items were taken up for discussion:-

Item No.1: Academic Session 2009-10

The Academic Council decided that the Academic Session 2009-10 will start w.e.f. 5th October, 2009 with the admission in the following disciplines:

- a. B. Tech (Biotechnology)
- b. B.Tech (Computer Science)
- c. M.Sc. (Hons) Biotechnology / Microbiology
- d. M.B.A.
- e. M.Pharma
- f. M.Phil (Microbiology/ Botany/ Chemistry)
- g. PhD (Botany/ Zoology/ Biotechnology/ Microbiology/ Management Sc./Pharmacy)

The admission to the programme (sr no. a to e), being the first year of the Academic Session of the University, shall be on the basis of merit of the student in the qualifying examination.

For admission in M.Phil and PhD. Programmes, it was decided that the students have to appear in an Entrance Test as already notified. Those students who qualify the Entrance Test shall be called for interview and admitted accordingly.

These courses will be run under five Faculties namely (i) Basic Sciences (ii) Biotechnology (iii) Management Sciences (iv) Pharmaceutical Sciences and (v) Engineering and Technology

Reservation of seats for the students will be followed as per instructions of the Government of Himachal Pradesh i.e. 25 per cent seats, in each course, shall be reserved for bonafide residents of Himachal Pradesh. It was also decided that seats for the students belonging to Scheduled Caste & Scheduled Tribe and Backward classes & handicapped students shall be reserved as per policy of the State Government


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Solan (H.P.)

Item No.2: Orientation of the students:

It was decided that orientation of the students will be held on 5th in the City Campus at Solan and on 6th and 7th October, 2009 at University Hqrs. Bajhol. Dr V.K.Gupta, Dean Academic Affairs will be the coordinator for the orientation of the students. The students will be introduced to the teachers and then taken around the University Campus. In addition, the Chairman of the University will address the students at Bajhol on 7th October, 2009.

Item No.3: Approval of courses and seats in each course

The Committee approved the courses for the following programmes for 1st Semester of Academic Session 2009-10:

B. Tech (Biotechnology)
B.Tech (Computer Science)
M.Sc. (Hons) Biotechnology/microbiology
M.B.A.
M.Pharma

For undergraduate courses it was decided that internal as well as external pattern of examination will be followed i.e. 50% through internal and 50% through external system of examination. For PG classes 100% internal system will be followed where role of the teachers is very important.

Item No.4: Govt. of Himachal Pradesh – Issues of Private Universities

The letter No.EDN-A-Chha(10)-5/2009 dated 3rd October, 2009 received through FAX from the Principal Secretary to the Government of Himachal Pradesh regarding invitation to attend the meeting on 6th October, 2009 at 11.00 AM regarding issues of Private Universities was placed before the member of the Academic Council. This was for the information of the Hon'ble members of the Academic Council.

The meeting ended with a vote of thanks to the Chair.

Rama Nand Chauhan

(Rama Nand Chauhan)
Registrar-cum-Member Secretary

Confirmed:-

P.K. Khosla

(P.K.Khosla)
Chairman

P.K. Khosla
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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Rama Nand Chauhan
Registrar
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SHOOLINI 18

No.EDN-A-Ka(5)-1/2011-
Government of Himachal Pradesh
Department of Higher Education

From

The Principal Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
The Shoolini University of Biotechnology
and Management Sciences, Solan,
Himachal Pradesh.

Dated: Shimla-2, the

28 June, 2011.

Subject: Regarding inspection of the private university established in
the State of Himachal Pradesh.

Sir,

I am directed to invite your attention to the Section 31(5) of the
Shoolini University of Biotechnology and Management Sciences (Establishment
and Regulation) Act and subsequent information provided by you to this dept.
vide your letter dated 8-04-2011 and later on information provided to the
inspection committee.


In this matter after examining the report of the inspection
committee and information provided by you in the proformae, you are directed
to take following action in the matter:-

A) Existing Courses

1. In Faculty of Science, Social Sciences and Languages, M.Sc. Chemistry,
M.Sc. Environment Science, M.Phil.(Chemistry, Botany),
Ph.D.(Physics,Zoology), in Faculty of Biotechnology M.Sc. (Hons.)
Biotech., M.Sc.(Hons.) Micro, M.Tech.(Biotech.), M.Phil.(Biotech.,
Micro), Ph.D.(Biotech., Micro), in Faculty of Management Sciences
B.Com-MBA, MBA and in Faculty of Engineering and Technology
B.Tech.(except Computer Science & Engg., Electronics & Comm. Engg.
and Mech. Engg.) you are allowed to undertake admission for 2011-12
session on the following conditions:-

- i) In these courses additional intake of students will not be more
than the norms fixed by the concerned regulatory body. If the
course is not under any regulatory body then the additional


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intake in it will be equal to the intake fixed by the H.P. University for that course.

- (i) Course wise names of the existing faculty along-with their photos, qualification and bio-data must be uploaded on your university website within fifteen days of issue of this letter.
- (ii) The new recruitment of faculty, for the proposed additional intake of the students for the above courses, must be done, one month prior to the start of new session. Names of all the newly recruited faculty along-with their photos, qualifications and bio-data must be uploaded on your university website, one month prior to start of new session.
- (iv) Names of students already admitted in the above courses should be uploaded on the university website within fifteen days of issue of this letter. Names of students who will join in the new session should be uploaded within fifteen days of the start of new session.
- v) Necessary infrastructure, lab, library books etc. required for additional intake of students must be in place prior to start of the new session.

2. In Faculty of Pharmaceutical Sciences B.Pharm, M.Pharm permission of Pharmacy Council of India is mandatory. You are, therefore, directed to obtain the recognition/permission of the concerned regulatory body and then only admit the students in these courses as per the norms of the concerned regulatory body. No student admissions should be made in these courses before getting the recognition/permission from the regulatory bodies.

3. In Computer Science & Engg., Electronics & Comm. Engg. and Mech. Engg. and in M.Sc.(Physical) university is not possessing faculty as per norms of the concerned Regulatory Body. You are, therefore, directed to fill up the vacant post of the faculty as per norms of concerned Regulatory Body and then apply to this department for allowing new admissions. No new admission should be done till you get approval from this department.

4. As per inspection report of the committee some of the labs and workshops of your university require more equipments to meet the curriculum requirement keeping in view of present students strength. Although minimum number of equipments and consumables are available in the Department of Microbiology and Biotechnology, yet more equipments and facilities needs to be added as follows:-

- i) Additional number of microscopes should be added keeping in view of numbers of students to be increased in the subsequent years


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- ii) Specialized microscope i.e. fluorescent microscope.
- iii) It is desirable that DNA amplification techniques like PCR/NASBA/SDA etc. should be made available in real time format.
- iv) It is also desirable that facilities for advanced molecular techniques like sequencing of DNA should be introduced at PG and Ph.D. level.
- v) Fermenter 1 to 5 L capacity with temperature PHADO control.

B) New Courses

- 5. Admission in other new courses except the courses mentioned above is not allowed for the session 2011-2012.

You are, therefore, requested to take necessary action in the matter and action taken report may be sent to this department within a fortnight so that further action could be taken in the matter accordingly.

Rattan Choudhary
Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

Endst. No. as above. Dated: Shimla-171002 28 June, 2011
Copy for information and necessary action to:-

- 1. The Director, Higher Education, H.P., Shimla-1.
- 2. Guard file.

Rattan Choudhary
Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

henu
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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g. 20
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Shoolini University of Biotechnology
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- (t) "study centre" means a centre established and maintained or recognized by the University for the purpose of advising, counseling or for rendering any other assistance required by the students in the context of distance education;
- (u) "teacher" means a Professor, Reader, Lecturer or any other person required to impart education or to guide research or to render guidance in any form to the students for pursuing a course of study of the University; and
- (v) "University" means Shoolini University of Biotechnology and management Sciences, Solan, Himachal Pradesh.

3. The objects of the University.—The objects of the University shall include,—

- (a) to provide instructions, teaching and training in higher education with a view to create higher levels of intellectual abilities;
- (b) to establish facilities for education and training;
- (c) to carry out teaching, research and offer continuing education programmes;
- (d) to create centres of excellence for research and development relevant to the needs of the State and for sharing knowledge and its application;
- (e) to establish campus in the State;
- (f) to establish examination centres;
- (g) to institute degrees, diplomas, certificates and other academic distinctions on the basis of examination or any such other method; while doing so, the University shall ensure that the standards of degrees, diplomas, certificates and other academic distinctions are not lower than those laid down by regulating bodies; and
- (h) to set-up off campus centres, subject to applicable rules or regulations.

4. Incorporation.—(1) The first Chancellor and the first Vice-Chancellor of the University and the first members of the Governing Body, Board of Management and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, are hereby constituted a body corporate by the name of Shoolini University of Biotechnology and Management Sciences, Solan, Himachal Pradesh.

(2) The University shall have perpetual succession and a common seal and shall sue and be sued by the said name.

(3) The University shall situate and have its headquarters at Bhajhol, Distt Solan, Himachal Pradesh.

5. Powers and functions of the University.—The University shall have the following powers and functions, namely:—

- (i) to make provisions and adopt all measures (including adoption and updating of the curricula) in respect of study, teaching and research, relating to the courses through traditional as well as new innovative modes including on-line education mode;


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राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Shoolini University of Biotechnology and Management Sciences
Bajhol, Sultanpur, Solan, Himachal Pradesh as
Accredited
with CGPA of 2.92 on seven point scale
at B⁺⁺ grade
valid up to December 15, 2021*

Date : December 16, 2016



D. Singh
Director

h. h. h.
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)



A. Singh
Registrar
Shoolini University of Biotechnology
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EC(SC)/20/A&A/28.1



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Government of India



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NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2022

**Shoolini University of Biotechnology and Management
Sciences, Solan
Ranked 96 in University Category**

CHAIRMAN, NBA

VICE CHANCELLOR
SHOOLINI UNIVERSITY

Registrar
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& Management Sciences
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MEMBER SECRETARY, NBA



Ministry of Education
Government of India



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NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2021

**Shoolini University of Biotechnology and Management Sciences, Solan
Ranked 89 in University Category**

CHAIRMAN, NBA

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
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Registrar
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& Management Sciences
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MEMBER SECRETARY, NBA



Ministry of Education
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NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2023

**Shoolini University of Biotechnology and Management
Sciences Solan**

Ranked 73 in University Category


CHAIRMAN, NBA


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SHOOLINI UNIVERSITY OF
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MEMBER SECRETARY, NBA



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Rank	Name Country/Region	No. of FTE Students	No. of students per staff	International Students	Female:Male Ratio	% Interdiscip Science Research
201– 250	Indian Institute of Science India	4,495	9.6	1%	27 : 73	44%
501– 600	Anna University India	12,824	13.1	1%	41 : 59	43%
501– 600	Jamia Millia Islamia India	10,235	11.2	4%	52 : 48	38%
501– 600	Mahatma Gandhi University India	2,045	20.5	2%	60 : 40	32%
501– 600	Shoolini University of Biotechnology and Management Sciences India	3,251	15.3	1%	47 : 53	33%

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The table is based on 13 carefully calibrated performance indicators that measure an institution's performance across four areas: teaching, research, knowledge transfer and international outlook.

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RANKING

SCORES

Rank	Name Country/Region	No. of FTE Students	No. of students per staff	International Students	Female:Male Ratio
251–300	Indian Institute of Science India	3,990	8.8	1%	27 : 73
351–400	JSS Academy of Higher Education and Research India	7,891	9.5	7%	54 : 46
351–400	Shoolini University of Biotechnology and Management Sciences India	2,973	14.3	2%	45 : 55

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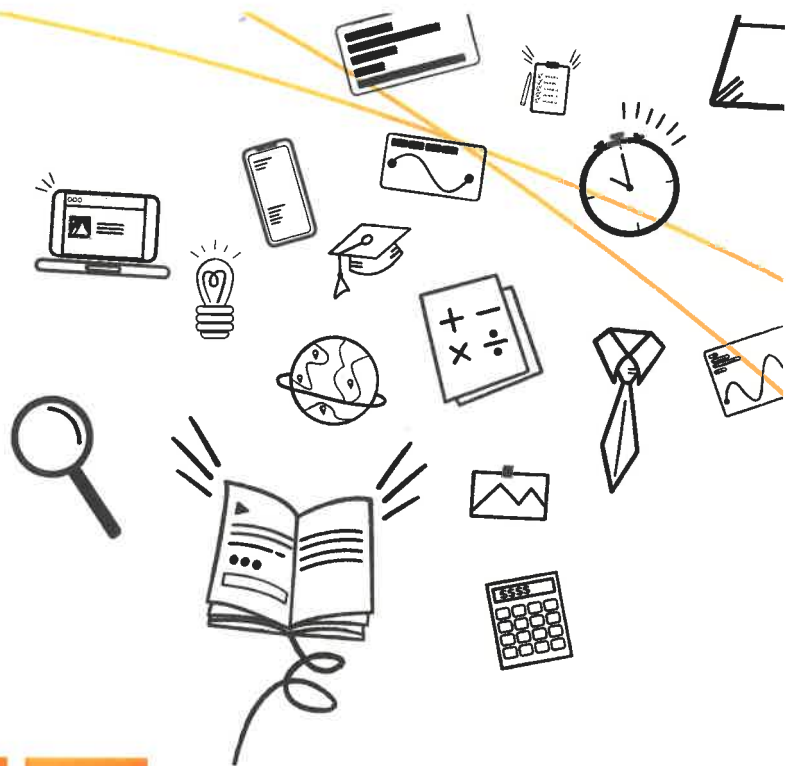
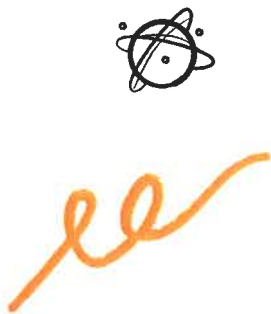
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Registrar

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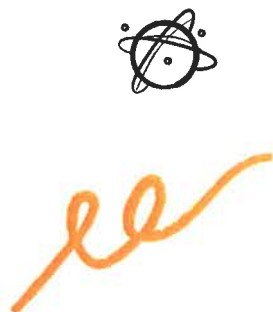
June 2023

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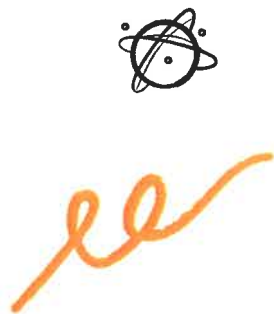
April 2024

Ben Sowter, Senior Vice-President,
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April 2024

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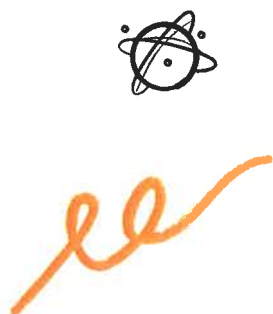
June 2022

Ben Sowter, Senior Vice-President,
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VICE CHANCELLOR
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April 2024

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Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903
Website: www.nbaiind.org



File No. 22-9/2014-NBA

Date: 03-02-2020

To,
The Vice Chancellor
Shoolini University of Biotechnology & Management Sciences,
Oachghat- Kumarhatti Highway,
Solan-173229, Himanchal Pradesh.

Subject: Accreditation status of program applied by Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh.

Sir,

This has reference to your application Id No. 3068-31/07/2018 seeking accreditation by National Board of Accreditation to the UG Pharmacy program offered by Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh.

2. An Expert Team conducted an on-site evaluation of the program during 06th to 07th December, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1	Pharmacy	January, 2016 Document	*Accredited (694 marks awarded by the Visiting Team increased to 696 as per the observations made and indicated in the Annexure to this letter)	Academic Years 2019-2020 to 2021-2022 i.e. upto 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for three years. Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh as a whole. As such the Institute should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd..2/-

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

6. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the Table in paragraph 2, appears on the website and information bulletin of your Institution.

7. The accreditation status awarded to the program as indicated in Table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy of Report of Chairman of the Visiting Team and Evaluators' report in respect of the above program is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.

2. Copy of Expert Report of the Visiting Team.

Copy to:

1. Accreditation File
2. Master Accreditation File of the State


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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Annexure

**Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway,
Solan-173229- Himanchal Pradesh**

Name of the Programme(s) (UG)	Observations
UG Pharmacy	<u>Criteria IV (Student's Performance)</u> : - Marks are recalculated as per formula in enrolment Ratio.

CH


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 22-9-2014-NBA

Date: 29-08-2022

To,
The Vice Chancellor
Shoolini University of Biotechnology & Management Sciences,
Oachghat- Kumarhatti Highway,
Solan-173229, Himanchal Pradesh

Subject: Accreditation status of Management program applied by Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh.

Sir,

This has reference to your Application ID No. 3068-31-07-2018 seeking accreditation by National Board of Accreditation to the Management programs applied Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh.


2. An Expert Team conducted onsite evaluation of the programs from 17th to 19th June, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

S. No.	Name of the Program(s) (PG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Master of Business Administration	July, 2017 Document	Accredited (648 marks awarded by the visiting team increased to 657 as per the observation made and indicated in the Annexure to this letter)	Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier.

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh as a whole. As such, the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.


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Contd.2/-

6. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

7. A copy each of Report of Chairman of the Visiting Team and Evaluator's report in respect of the above program is enclosed.

8. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls.: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy of Expert Report of the Visiting Team.

Copy to:

1. Directorate of Technical Education Vocational & Industrial Training
GV7P+9VR, Sunder Nagar, Mandi,
Himachal Pradesh 175018
2. Accreditation File
3. Master Accreditation file of the State.



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Annexure

Shoolini University of Biotechnology & Management Sciences, Oachghat- Kumarhatti Highway, Solan-173229- Himanchal Pradesh

<u>Name of the program</u> <u>(PG)</u>	<u>Observations</u>
Master of Business Administration	Marks are recalculated as per formula in criterion 5 (Placement Higher Studies & Entrepreneurship) & in Criterion 6 (SFR & Cadre Proportion).

Chindhu

benkhob

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A. R. D.

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ACADEMIC COLLABORATIONS
(National / International)


International MoU's		
Sr.No.	Name of the University	Country
1	Seoul National University	South Korea
2	Chung Yuang Christian University	Taiwan
3	University of Ulster	North Ireland, UK
4	Best Team Nigeria Ltd	Nigeria
5	Bukovinian State Medical University Chernivist	Ukraine
6	Gachon University	South Korea
7	The University of Suwon	South Korea
8	Gwangju Institute of Science and Technology	South Korea
9	The Pharmacy and Poisons Board of Govt. of Kenya	Kenya
10	National Taiwan University - Taipei- Active	Taiwan
11	Lanzhou University	China
12	Sprott Shaw College	Canada
13	University of Arkansas	USA
14	Fermi Research Lab	US
15	Sichuan University	China
16	Magna Carta College	Oxford, UK
17	British Colombia Institute of Technology	Canada
18	Kabul University	Afghanistan
19	Eshraq University	Afghanistan
20	University of La Verne	USA
21	Samara National Research University	Russia
22	Inha University	South Korea
23	IIB- INTECH, Buenos Aires	Argentina
24	Ethiopian Environment and Forest Research	Ethiopia
25	Hainan University	China
26	Yunan Agricultural University	China
27	Leshan Normal University	China
28	Xihua University	China
29	Yunan University	China
30	Cranfield University	UK
31	Kwazulu-Natal University	South Africa
32	University of Chittagong	Bangladesh
33	Agriculture & Forestry Ministry	Nepal
34	Hainan Tropical Ocean University	China
35	Rana University	Afghanistan
36	Yunnan Minzu University	China
37	Jimma University	Ethiopia


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38	Hawassa University	Ethiopia
39	Wolkite University	Ethiopia
40	Zion Technology and Business College	Ethiopia
41	Wolaita Sodo University	Ethiopia
42	Wondo Genet College of Forestry Science	Ethiopia
43	University of Naples	Italy
44	APUIHEA	Afghanistan
45	University of Limpopo	South Africa
	University of kwazulu-natal	South Africa
46	The University of Venda	South Africa
47	UFRGS	Brazil
48	ANDMA	Afghanistan
49	National Dong Hwa University	Taiwan
50	University of Reading	UK
51	Western Sydney University	Australia
52	Ankara University	Turkey
53	Slovak University of Agriculture	Slovak Republic
54	Addis Ababa Medical and Business College, Metehara Campus	Ethiopia
55	Addis Ababa Medical and Business College, Dire Dawa Campus	Ethiopia
56	Addis Ababa Medical and Business College, Ziway Campus	Ethiopia
57	Addis Ababa Medical and Business College, Piassa Campus	Ethiopia
	Institute for risk and disaster reduction, University college	London, UK
58	Jami University	Afghanistan
59	Taj University	Afghanistan
60	Vistula University	Poland
61	Rahnaward University	Afghanistan
62	Kardan University	Afghanistan
63	Kathmandu Forestry College	Nepal
64	Texas college of management and IT	Nepal
65	Aadim National College	Nepal
66	Cosmos college of Management and Technology	Nepal
67	SchEMS	Nepal
68	Darbaya Shah Multiple Campus	Nepal
69	Eastern Institute of Technology	New Zealand
70	Federal Institute of Industrial Research	Nigeria
71	Kateb University	Afghanistan
72	Taipei Medical University	Taiwan
73	National Chiayi University	Taiwan
74	Kaohsiung Medical University	Taiwan


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75	National formosa University	Taiwan
76	Jenderal Soeirman University	Indonesia
77	National Taichung University of Education	Taiwan
78	Asia University	Taiwan
79	Meiho University	Taiwan
80	Cankiri karatekin University	Turkey
81	Synergy University	Russia
82	Hradec Kralove	Czech Republic
83	Enat College	Ethiopia
84	Chang Gung University	Taiwan
85	Info Link College	Ethiopia
86	Ministry of Education	Syria
87	Pharma College Ethiopia	Ethiopia
88	Mizan - Tepi University	Ethiopia
89	University of Nigeria	Nigeria
90	American International University	Bangladesh
91	Osaka University	Japan
92	Saskatchewan Polytechnic	Canada
93	University of South Dakota mines	USA
94	The University of British Columbia	Canada
95	The University of Autonoma De Madrid	Spain
96	Bitanya Business and Technology College	Ethiopia
97	The University of Applied Science Rottenburg	Germany
98	University of Bolton	Dubai
99	Institute of Advance materials	Sweden
100	The Spanish National Research council	Spain
101	Irkutsk State Agrarian University	Russia
102	University of G.D Annunzio DI Chieti- Pescara	Italy
103	Biliran Province State University, Philippines	Philippines
104	Cheng Shiu University	Taiwan
105	I-shou University	Taiwan
106	CQ University Australia	Australia
107	University of Haifa	Israel
108	Chieti University	Italy
109	TIIAME National Research University	Uzbekistan
110	Central Luzon State University	Philippines
111	Asia Pacific University of Technology and Innovation (APU)- Malaysia	Malaysia
112	University of Lampung, Indonesia	Indonesia
113	Sunway University	Malaysia
114	Universitas Muhammadiyah Yogyakarta Indonesia	Indonesia
115	UCSI Education Sdn. Bhd.	Malaysia
116	Perm State University	RUSSIAN
117	University of Melbourne	Australia


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118	Universita Diponegoro	Indonesia
119	University of Taipei	Taiwan
120	Universiti Sains Malaysia	Malaysia
124	Daffodil International University	Bangladesh
125	Shawnee State University	USA
126	Chinese Culture University	Taiwan
127	Royal Holloway Bedford New College	UK
128	Alpha University collage	Ethopia
129	Scopus Training and Consultancy PLC	Ethopia
130	Wacheivio University	Ethopia
131	Productivity Improvement Center Of Excellence	Ethopia
132	TIIE Catiiouc Unwersity Of Zmbab\Ve	Zmbabwe
133	The University of Queensland	Australia
134	University of Salford	UK
135	New Mexico State University	US
136	Independent Unversity Bangladesh	Bangladesh
137	Islamic University of Lebanon	Lebanon
138	Narxoz University	Kazakhstan
139	University of Jordan Aljubeiha	Jordan
140	Education Division Taiwan Economic and Cultural Center	Taiwan
141	National Cheng Kung University	Taiwan


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National MoU's		
Sr.No.	Name of Organization	Year of MoU
1	M/S JKG Bio Science Pvt. Ltd. Delhi	2021
2	AADDOO Softech Private Limited	2017
3	Vardhman Textiles Ltd	2021
4	Agro Environmental Education & Farmers Welfare Society	2022
5	Alembic Limited	2011
6	Alkem Lab	2011
7	Amet University	2021
8	Army Training Command	2021
9	Benori KPO	2018
10	Cambridge Energy Resources Pvt. Ltd.	2017
11	Central Potato Research Institute	2014
12	Chandigarh Angel Network (CAN)	2020
13	College Board	2020
14	Corporate Intellectual Property Consultants (CIPCC)	2020
15	Cosmo Ferrites Ltd.	2015
16	Coursera	2020
17	Dabur Pharma	
18	Damcosoft Pvt. Ltd.	2014
19	DCM Group of Schools	2020
20	Della Natura Food and Beverages	2019
21	Desh Bhagat University	2022
22	Design Media and Entertainment Solutions	2022
23	Dolphin Institute of Biomedical and Natural Sciences	2023
24	Dron Defence Sez Pvt. Ltd.	2015
25	Eternal University	2014
26	FICCI Ladies Organization	2020
27	Garudalytics Pvt. Ltd.	2022
28	Government College Solan	2023
29	Government of Himachal Pradesh	2022
30	Himachal Pradesh University	2021
31	ICAR- Directorate of Mushroom Research	2022
32	ICF Delhi NCR Chapter	2021
33	ICVAST Global Health Solutions	2018
34	IES University	2022
35	IIT Bombay	2022
36	Imarticus Learning	2022
37	Indian Direct Selling Association	2021
38	Institute of Transgene Life Sciences	2010
39	Integrated Mountain Initiative	2018
40	Internation Skill Development Corporation	2021
41	IP Nation	2017
42	Jagdish Farms	2019


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43	Jamboree Centre of Excellence	2019
44	Jindal Institute of Behavioural Sciences	2021
45	Just Agriculture	2022
46	Macleods Pharmaceuticals Ltd.	2011
47	Maharishi Markandeshwar Medical College	2021
48	Maharishi Markandeshwar Medical College	2020
49	Mahatma Gandhi National Council of Rural Education	2020
50	Meridian Medicare Ltd.	2015
51	Meridian	2011
52	Microtek India	
53	Minchy's	2020
54	Morphen Laboratories	
55	MS Baijnath Pharmaceuticals	2018
56	Nectar Lifesciences Ltd.	2020
57	Newshound India Foundation	2021
58	NutraHelix Biotech	2012
59	Oliver Wyman	2015
60	Ozone Ltd.	
61	Pantellisense Pvt. Ltd.	2017
62	Parwanoo Industries Association	2017
63	Pen Pundit Media Seviles Pvt. Ltd.	2017
64	Pep Turf	2015
65	Pharmexcil	2020
66	Public Relation Council of India	2020
67	Regal Kitchen Food Ltd.	2020
68	Reliance Jio Infocomm Ltd.	2015
69	Rishihood University	2021
70	Rklick Solutions Pvt. Ltd.	2021
71	RNA VXA Bio	2021
72	Rohini Biocare Research	2020
73	RSBK- All India Institute of Ayurveda	2019
74	Sant Longowal Institute of Engineering & Technology	2011
75	SenseAI Advisors	2018
76	Shoolini Institute of Life Sciences and Business Management	2019
77	Shoolini Institute of Life Sciences and Business Management	2022
78	Yogananda School of AI, Computers & Data Sciences	2022
79	Socrates School of Health	2013
80	Symphonytech Biologics Pvt. Ltd.	2020
81	Synoleum Renewables Private Limited	2022
82	Syybol Fitness and Entertainment LLP	2017
83	TechThirsty	2018
84	Testler	2022
85	The Heritage Foundation	2022
86	The Indian Planetary Society	2019



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87	Tirupati Medicare Ltd.	2014
88	Tourism and Hospitality Skill Council	2022
89	TR Farm Juices	2010
90	TRUENORTH Healthcare LLP	2019
91	Unicodz Softcorp Pvt. Ltd.	2023
92	University of Petroleum and Energy Studies	2020
93	Upkar Pharmaceuticals	2020
94	USV Ltd.	2011
95	ValeurHR Solutions	2016
96	Venus Medicine Research Centre	2016
97	Vikas IAS Career Academy	2022
98	WICCI National Coaching Council	2022
99	Yogoda Satsanga Mahavidyalaya	2017
100	YouWeCan	2017
101	Zumutor Biologics Pvt. Ltd	2020
102	Zydus Cadila	2017
103	Basu Rai Initiative Foundation	2022
104	intergrated headquarters of ministry of defence	2021
105	Indra GandhiRashtriya Uran Akedmin	2022
106	ICICI Securites	2018
108	IDP Education Pvt.Ltd.	2022
109	IIT Mandi	2023
110	IHUB DivyaSampark,Technology Innovation Hub	2021
111	Ladli Foundation Trust	2022
112	Asvertising Standard Council of India	2023
113	All India Council of Human Rights,Liberties and Social Justice	2022
114	Baijnath Pharmaceuticals Pvt.Limited	2018
115	Best Team Nigeria Limited Boulevard Maitama Abuja FCT	2013
116	Cintana Education	2020
117	CII and Parwanoo Industries Association	
118	Ministry of Jal Shakti	2023
119	National Biodiversity Authority	2023
120	Genpect	2010
121	Vibrant Networking Form	2017
122	Wisdom Circle	2023
123	SASNET-Fermented Foods	2005
124	Sunderban Mahavidyalaya, Kolkata	2023
125	Goverment of Himichal Pradesh	2022
126	Maximus Hotel Catering Services	2023
127	Medswan Foundation	2022
128	NIT Hamirpur	2023
129	People Vigilance on Human Rights	2022


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**UNIVERSITY GRANTS COMMISSION
DISTANCE EDUCATION BUREAU**

F.No. 10-1/2023(DEB-II) (PartFile)

22 March, 2023

List of HEIs recognized to offer Open and Distance Learning (ODL) Programmes for 2022-23, academic session beginning from January-February, 2023 & onwards.

- (I) On the basis of applications received under UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendments, list of HEIs recognized to offer Open & Distance Learning (ODL) Programmes for 2022-23, academic session beginning January-February, 2023 and onwards is attached herewith.
- (II) Programmes under the ambit of Regulatory Authorities have been considered on the basis of NOC/ approval/ recommendation received from the respective Regulatory Authority. The HEI shall abide by the conditions such as the number of seats, valid academic year, etc. mentioned in the relevant Regulatory Authority letter.
- (III) The Higher Educational Institution should scrupulously abide by all the terms and conditions as stipulated in the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendments and other instructions/notices issued by UGC and other statutory/regulatory bodies from time to time.
- (IV) The Higher Educational Institution should also adhere to the policy of Territorial Jurisdiction and Learner Support Centers (LSC) as specified in Annexure-III and VIII of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendments.
- (V) The Higher Educational Institution has submitted an affidavit to the effect that in case any information, documentary evidence submitted/produced by the Higher Educational Institution is found to be false or wrong at a later stage or in case there is any violation of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendments by the HEI, the Higher Educational Institution shall be solely liable and responsible for any such contravention/violation and for any consequences thereof. In such events, the HEI may also be subject to the consequences stipulated under Regulation 7 of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 (including any amendments thereto).


प्रो. मनिष र. जोशी / Prof. Manish R. Joshi
सचिव / Secretary
विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
Ministry of Education, Govt. of India
नई दिल्ली-110 002 / New Delhi-110 002


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S.NO	STATE	NAME/CATEGORY OF HEI	PERIOD OF RECOGNITION	LIST OF PROGRAMMES RECOGNISED FOR 2022-23, ACADEMIC SESSION BEGINNING FROM JANUARY-FEBRUARY, 2023	
				NUMBER OF RECOGNISED PROGRAMMES	NAME OF RECOGNISED PROGRAMMES
			2022-23, academic session beginning September, 2022 (revised from July-August, 2022) to January, 2023 only	01	1. MASTER OF BUSINESS ADMINISTRATION (GENERAL)
18	HIMACHAL PRADESH	SHOOLINI UNIVERSITY OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES (PRIVATE UNIVERSITY)	2022-23, academic session beginning September, 2021(revised from July - August, 2022) to 2026-27 (Upto January, 2027 only)	04	1. BACHELOR OF COMMERCE (HONS) 2. BACHELOR OF BUSINESS ADMINISTRATION 3. BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) 4. MASTER OF ARTS (ENGLISH LITERATURE)

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**SHOOLINI UNIVERSITY CENTRE FOR DISTANCE AND ONLINE
EDUCATION (SCDOE)**

List of Approved Courses (online mode)

S.No.	Courses	Student Strength
1	Bachelor of Business Administration (BBA)	357
2	Bachelor of Commerce (BCom)	5
3	Master of Arts (MA) English	23
4	Bachelor of Arts (Journalism and Mass Communication) (BAJMC)	22
5	Master of Business Administration (MBA) Online	949


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SHOOLINI UNIVERSITY CENTRE FOR DISTANCE AND ONLINE EDUCATION (SCDOE)				
Faculty Details				
S.No.	First Name	Last Name	Designation	Gender
1	Amar Raj	Singh	Director/Professor	Male
2	Robin	Thakur	Deputy Director/Associate Professor	Male
3	Namita	Gandotra	Assistant Director/Associate Professor	Female
4	KUMAR	NISHANT	ASSISTANT PROFESSOR	Male
5	VIVEK	CHAUHAN	ASSISTANT PROFESSOR	Male
6	GOPALI	DAYAL	ASSISTANT PROFESSOR	Female
7	VISHAL	THAKUR	ASSISTANT PROFESSOR	Male
8	TANAYA	THAKUR	ASSISTANT PROFESSOR	Female
9	SHIKHA	VERMA	ASSISTANT PROFESSOR	Female
10	SUPRIYA	BALI	ASSISTANT PROFESSOR	Female
11	KAMAL	KANT	HEAD OF DISIPLINE OR PROFESSOR	Male
12	NARINDER	VERMA	HEAD OF DISIPLINE OR PROFESSOR	Male
13	KESARI		HEAD OF DISIPLINE OR PROFESSOR	Female
14	INDU	REHANI	HEAD OF DISIPLINE OR PROFESSOR	Female
15	VIRENDER	RIHANI	HEAD OF DISIPLINE OR PROFESSOR	Male
16	POOJA	VERMA	ASSOCIATE PROFESSOR	Female
17	ROZY	DHANTA	ASSOCIATE PROFESSOR	Female
18	BHAWNA	THAKUR	ASSISTANT PROFESSOR	Female
19	VINAY	NEGI	ASSOCIATE PROFESSOR	Male
20	NAVREET KAUR	SAHI	ASSOCIATE PROFESSOR	Female
21	NITIN	GUPTA	ASSOCIATE PROFESSOR	Male
22	TYTIANA	MOMIN	ASSISTANT PROFESSOR	Female
23	Priya	Sharma	ASSISTANT PROFESSOR	Female
24	Shilpa	Sharma	ASSISTANT PROFESSOR	Female
25	Sandeep	Verma	Porfessor	Male
26	Amit	Kumar Sarawagi	Porfessor	Male
27	Arathi	Kamath	Porfessor	Female


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**HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY ENVIRONMENT
(HIMCOSTE)**

VIGYAN BHAWAN, NEAR UDYOG BHAWAN, BEMLOE, SHIMLA – 171001

Website: www.himcoste.hp.gov.in

Phone: 0177-2656489 Fax: 0177-2814923

STC/F(1)-1/19-DBT-Vol.II - 963

Dated: 22-08-2019

ORDER

Sanction is hereby accorded for the approval of DBT supported Skill Vigyan Program for Shoolini University of Biotechnology and Management Sciences, Solan at total cost of **Rs. 61.80 Lakhs (Rupees Sixty One Lakhs and Eighty Thousand Only)** for three years period. The budget details are given below:

1. Budget Allocation for three years period:

Sr.No.	Name of partner Institution and Training Program	Year wise Budget Allocation (In Lakhs)			Total Budget (In Lakhs)
		First Year	Second Year	Third Year	
Student Skill Training Program/ Technician Training Program					
1.	Shoolini University of Biotechnology & Management Sciences, Solan	20.60	20.60	20.60	61.80
a)	Quality Control Biologist (19 students per training Program*Two Training programs/year) Eligibility: B.Sc in Biology/ Biotechnology Studentship as per eligibility: @ Rs. 5000/- p.m. for 3 months for 19 students				
b)	Lab Technician/Assistant (19 students per training Program*Two Training programs/year) Eligibility: B.Sc in Biology/ Biotechnology Studentship as per eligibility: @ Rs. 5000/- p.m. for 3 months for 19 students				

1


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(A) Budget Break-up (Component wise):

Student Training Program and technician Training Program (Duration : 3 Months) :

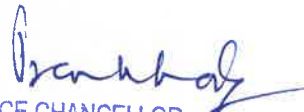
Sr. No.	Heads	Budget for 19 students for one training program/ year (In Rs.)	Budget for 19 students four training programs/ year (In Rs.)
1.	Consumables @ Rs. 10,000/students	1,90,000	1,90,000*4 training program = 7,60,000
2.	Contingency @ Rs. 50,000/ year	50,000	50,000
3.	Travel Domestic for experts Faculty and Students for field work (@ Rs. 20,000/ year)	20,000	20,000
4.	Visiting Faculty/Experts (@ Rs. 40,000/year)	40,000	40,000
5.	Studentship as per eligibility a) B.Sc in Biology/ Biotechnology@ Rs. 5000/- p.m. for 3 months for 19 students	2,85,000	2,85,000*4 training program = 11,40,000
6.	Maintenance grant for equipment/ Assets/Accessories	50,000	50,000
	Total:	6,35,000	20,60,000


Certification of Program: Shoolini University of Biotechnology and Management Sciences, Solan will sign the MoA/MoU with HIMCOSTE for implementation of DBT, GoI sponsored Skill Vigyan Program.

(D) Name and address of institution and course coordinator are mentioned below:

Sr. No.	Name of Institution	Name of Course Coordinator and Designation
1.	Shoolini University of Biotechnology and Management Sciences, Solan	Prof. Sourabh Kulshreshtha Department of Biotechnology

1. MoA will be signed and accepted between Shoolini University of Biotechnology and Management Sciences, Solan and Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE) before release of first year grant by HIMCOSTE.
2. The institute is required to implement the program as per the terms and conditions given in **Annexure-II**.
3. Selection of students for under Skill Vigyan Program will be made through Common Entrance Test for Skill Vigyan Program at State Level conducted by HIMCOSTE.
4. The Nodal officer will be the full time course coordinator for Skill Vigyan Program and will submit utilization certificate and statement of expenditure duly signed by competent


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Solan (H.P.)

authorities in duplicate at the end of financial year and consolidated UC & SOE after completion of the program, along with the refund of unspent balance, if any.

5. The Institute will keep the grant in a **separate earning interest Bank Account**. The interest so earned should be reported to HIMCOSTE in the Utilization Certificate and Statement of Expenditure. The interest so earned will be returned by 31st March every year positively and shall not be adjusted towards subsequent instalment of the grant and/or at the time of Final Settlement of Accounts.
6. The accounts of the program to be maintained by Shoolini University of Biotechnology and Management Sciences, Solan shall be open to inspection by the sanctioning authority/ audit.
7. All payments to be transferred to all beneficiaries (including all vendors and students) by RTGS only & no payment will be made in cash.

Member Secretary (EC)
HIMCOSTE, Shimla

Copy to:

1. Vice Chancellor, Shoolini University of Biotechnology and Management Sciences, Solan
2. AC(F&A), HIMCOSTE

Dated:

Member Secretary (EC)
HIMCOSTE, Shimla

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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**HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY & ENVIRONMENT
(HIMCOSTE)
VIGYAN BHAWAN, BEMLOE, SHIMLA – 171001**

Website: www.himcoste.hp.gov.in
Phone: 0177-2656489 Telefax: 0177-2814923

STC/F(1)-1/19-DBT-Vol.II -963


Dated: 22.8.2019

Terms & Conditions

Terms & Conditions for Skill Vigyan Program of Department of Biotechnology, GoI for implementation by Shoolini University of Biotechnology and Management Sciences, Solan


1. A Memorandum of Agreement (MoA) will be signed on stamp paper of Rs. 100/- between Shoolini University of Biotechnology and Management Sciences, Solan and HIMCOSTE, Shimla within one month of issue of sanction order (and shall send a copy of the same to HIMCOSTE) for ensuring proper quality teaching, training and placement of Quality Control Biologists and Lab Technician/ Assistants trained under Skill Vigyan Program.
2. The program will receive financial support for three years period only.
3. Number of seats for each training program is fixed as mentioned in the Sanction Order. Selection of students would be made through State Level Combined Common Entrance Test to be conducted by HIMCOSTE. The advertisement to this effect would be published by HIMCOSTE in leading newspapers of the State. Shoolini University of Biotechnology and Management Sciences, Solan will ensure wide publicity of the program through electronic and social media.
4. Reservation of seats for different categories of students would be applicable as per the rules prescribed by Ministry of Human Resource Development, Govt. of India.
5. A monthly studentship shall be paid to each students enrolled under the DBT supported Skill Vigyan Programme as per the eligibility of students for respective training program.
6. The candidates selected for Quality Control Biologist and Lab Technician/ Assistant training program will be required to give an undertaking that they will not avail any fellowship/ studentship from any other funding agency during the training course.
7. Shoolini University of Biotechnology and Management Sciences, Solan shall take all steps to ensure:
 - a. Timely acquisition of equipment i.e., within the period of 12 months.


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- b. Proper provision of dedicated laboratory, teaching space and hostel facility for outstation candidates.
 - c. Timely and sufficient procurement of glassware and chemicals for skill training and hands-on practical work.
 - d. Maintenance of standard safety norms for working with radioisotopic materials or recombinant DNA materials.
8. **An Advisory Committee** with the following composition will be constituted by the **Shoolini University of Biotechnology and Management Sciences, Solan**:
- | | | |
|------|--|-------------------|
| I. | Director of the Institution | - Chairman |
| II. | HIMCOSTE Representative (1-2) | -Member |
| III. | Internal/ External Experts (2) | -Member |
| IV. | Industrial Representatives (1) | -Member |
| V. | Representative from Life Science Sector Skill Development Council (LSSSDC) (1-2) | -Member |
| VI. | Nodal officer from Shoolini University of Biotechnology and Management Sciences, Solan | -Member-Secretary |
9. Above committee should meet at least once a year, preferably before commencement of academic session/training program. Proceedings of the meeting would be mandatorily communicated to HIMCOSTE.
10. The Nodal Officer of Shoolini University of Biotechnology and Management Sciences, Solan will coordinate program activities with LSSSDC for getting the institute affiliated with LSSSDC by fulfilling the required protocols & mandatory compliances and paying assessment fee. LSSSDC will facilitate the training programs and assess the trained candidates and provide the NSQC approved vocational qualifications to the passed students
11. He will submit utilization certificate, statement of expenditure and annual progress report at the end of each training program as well as at the end of financial year to HIMCOSTE.
12. HIMCOSTE reserves the right to terminate the project at any stage, if it is convinced that the funds have not been properly utilized or appropriate progress has not been made for the purpose. In such a case, the institute will refund the full amount released to them.
13. Shoolini University of Biotechnology and Management Sciences, Solan may invite faculty members from amongst other institutions in HP implementing the DBT supported Skill Vigyan Programs as visiting faculty member, if needed.
14. **Skill Certification and Placement Cell** shall be established in Shoolini University of Biotechnology and Management Sciences, Solan for organizing the certification/assessment of trainees after successful completion of skill training programs and placement. The Skill


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Certification and Placement cell will function under the supervision of Nodal Officer of the institute and ensure appropriate placement of trainees.

15. The Institute will keep the entire grant in a **separate interest earning Bank Account**, and the interest earned should be reported to HIMCOSTE in the UC and SoE. The interest so earned will be returned by 31st March every year positively and shall not be adjusted towards subsequent installment of the grant and/or at the time of Final Settlement of Accounts.
16. Annual recurring outlays as shown in the sanction order are indicative and by no means the Institution can stake claim on it. Release will however be subject to utilization of previous grants. All recurring grants for the financial year shall be utilized in the same financial year. A carry forward of unspent grants will be done with prior approval of HIMCOSTE.
17. Maintenance of equipment and other assets shall be the responsibility of the **host institute**. No disposal/transfer shall be affected or encumbrance shall be made without **prior specific written approval** of HIMCOSTE.
18. Grantee institution shall maintain the **grant register** and follow the GFR 2017 for submission of utilization certificate and statement of expenditure to HIMCOSTE. Shoolini University of Biotechnology and Management Sciences, Solan will also submit the consolidated utilization certificate and statement of expenditure, annual progress report after completion of project.
19. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department whenever the Institution or Organization is called upon to do so. Utilization of grants, maintenance of accounts, performance shall be audited by Controller or Auditor General of India in terms of GFR 149 and the host institute shall provide all documents for proper conduct of audit.
20. All the payments will be transferred to beneficiaries through RTGS in Aadhar linked bank account only & no payment will be made in cash/cheque.


21/6/15

Member Secretary (EC)
HIMCOSTE, Shimla


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PHARMACY COUNCIL OF INDIA

A Statutory body under Ministry of Health and Family Welfare
Government of India

E - MAIL : registrar@pci.nic.in
WEBSITE : www.pci.nic.in
Telephone : 011-61299900
011 - 61299901, 011 - 61299902
011-61299903

NBCC Centre, 3rd Floor
Plot No.2, Community Centre
Maa Anandamal Marg
Okhla Phase I
NEW DELHI - 110020

DECISION LETTER

Institute Name / Inst ID **School Of Pharmacy Shoolini Institute Of Life Sciences And Business Management Village Bajhol District Solan Himachal Pradesh / PCI-1975**
State **HIMACHAL PRADESH**
District **SOLAN**
Sub-District **Solan**
Village/Town/City **Bajhol**
Pin Code **173212**



Sir / Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

Course	Name of Affiliation body/University	Decision	Approval Status	Approval Upto	Approval Intake
B.Pharm	The Registrar Shoolini University P B No Head Post Office Solan	B.Pharm B.Pharm course is already approved upto 2024-2025 academic session for 100 admissions	Approved	2024-2025	100
M.Pharm Pharmaceutics	The Registrar Shoolini University P B No Head Post Office Solan	M.Pharm (Pharmaceutics) 12	Approved	2023-2024	12
M.Pharm Pharmaceutical Chemistry	The Registrar Shoolini University P B No Head Post Office Solan	M.Pharm (Pharmaceutical Chemistry) 15	Approved	2023-2024	15
M.Pharm Pharmacology	The Registrar Shoolini University P B No Head Post Office Solan	M.Pharm (Pharmacology)-12	Approved	2023-2024	12

Date **08th May 2023**

[Signature]

For
(I/C) Registrar-cum-Secretary
PCI

Copy to

i) Registrar of the University

ii) Principal of the college

iii) Secretary/Chairman of the Trust/Society

iv) Guard File (PCI)

[Signature]
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

[Signature]
Registrar
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Note: Validity of the course details may be verified at www.pci.nic.in



भारतीय विधिज्ञ परिषद् BAR COUNCIL OF INDIA

(Statutory Body Constituted under the Advocates Act, 1961)

21, Rouse Avenue Institutional Area, Near Bal Bhawan, New Delhi - 110002

BCI: D: 4) 9 : 2022 (LE/Std. 10/11.04.2022)

17.05.2022

1.	The Registrar, Shoolini University of Biotechnology and Management Sciences, Solan-Ochghat-Kumarhatti Highway, Bajhol, Himachal Pradesh - 173 229
2.	The Principal, Faculty of Legal Science (School of Law), Shoolini University of Biotechnology and Management Sciences, Solan-Ochghat-Kumarhatti Highway, Bajhol, Himachal Pradesh - 173 229

Sub.: Extension of approval to Faculty of Legal Science (School of Law), Shoolini University of Biotechnology and Management Sciences, Himachal Pradesh for imparting three year LL.B and five year BA LL.B with intake of one section of 60 students in each course for a period of two years i.e. for the academic years 2022-2023 and 2023-2024.

The request for approval to start new course is rejected.

Sir,

This is to bring to your kind knowledge that the Standing Committee of Legal Education Committee of Bar Council of India by virtue of its meeting held on 10th and 11th April, 2022 considered the matter of Faculty of Legal Science (School of Law), Shoolini University of Biotechnology and Management Sciences, Himachal Pradesh.

Faculty of Legal Science, Shoolini University of Biotechnology and Management Science, Solan, HP started faculty of legal science in the year 2017 with one section of three year LLB course and one section of five year BA LLB course with intake of 60 students each. It has approval of affiliation till the year 2020-21. Apart from seeking extension of approval of affiliation for the existing courses, the CLE has applied for fresh approval to start three new courses namely five year BBA LLB course, five year B.Com LLB course and B.Sc LLB course with one section each.

The note prepared by the office discloses that there are some disputes in the institution. One of its former members had complained that the CLE does not have adequate infrastructure.

Be that as it may, the inspection team of BCI observed that 13 permanent faculty at UGC pay scale and 11 faculty of social science subjects including English. As of now there are eight classrooms and one of it is earmarked as girls common room. Another is converted into seminar hall. This being the

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situation, the question of granting approval to start fresh courses does not arise.

Therefore, the extension of approval is accorded to the existing courses of one section of 3-year LLB and one section of 5-year BA LLB course with intake of 60 students each for a period of two years i.e. for the academic years 2022-2023 and 2023-2024. The request for approval to start new course is rejected.

Specific conditions imposed by the inspection team and approved by the Committee which are required to be complied with are as follows :

1. CLE shall appoint adequate number of faculty as per BCI norms and maintain student and core faculty ratio at 40:1.
2. Library of CLE should properly be maintained. CLE should buy more reference books & text books of latest edition worth minimum of Rs Five (05) Lacs relating to proposed courses. CLE should subscribe Local/Regional Law Journals.
3. The CLE management must purchase set of selected judgments on professional Ethics published by the Bar Council of India Trust.
4. CLE shall arrange adequate number of classrooms.
5. CLE has to improve and make proper interior infrastructure of the Moot Court Hall.
6. CLE needs to make a ramp or make a provision for lift for differently abled students and staff.
7. CLE shall make arrangement of laboratory for 5 years Integrated BSc LLB students.

CLE shall make provision for attached washroom in girls common room.

AFFIDAVIT-

→ **An undertaking of complying with all the conditions in this regard has to be filed by the Centre of Legal Education within 15 days by way of duly notarized affidavit and compliance of what is done by then must be mentioned therein, if full compliance is not done by then.**

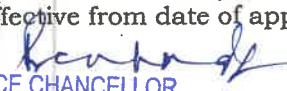
→ **Full Compliance has to be done at the earliest, within a period of 2 months, by way of affidavit along with supporting documents.**

You are requested to kindly note that you will be required to seek extension of approval of affiliation for the above said course/s in six months advance before expiry of the period of approval of affiliation granted by the Bar Council of India by way of filing an application in such respect.

Kindly note that upon grant of approval, it shall be necessary for the Centre of Legal Education to deposit Rupees Five Lakh in shape of guarantee fee to fulfill all the norms of the Bar Council of India.

The same shall be liable to be forfeited if norms are not complied with and same shall carry no interest.

The letter is thus also subject to the payment of guarantee amount as mentioned effective from date of approval of affiliation.


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Further details regarding payments including any pending inspection fee, if due, any further Guarantee amount, Institutional Development fee etc, due, if any, shall be intimated to you in due course.

You may kindly bear in mind that the Bar Council of India is the sole and supreme sanctioning authority for seats and as a general rule it does not allow any supernumerary quota of seats for law degree courses, over and above the sanctioned strength of seats and whatever reservation of seats is to done by the University as a general rule has to be done within sanctioned strength of seats.

-----Further kindly ensure to furnish authenticated and signed bank statements of salary transferred to your faculty and also the purchase receipts of Indian Bar Review and other minimum Library requirement, failing which the Centre of Legal Educations shall be liable to the natural consequences, which may include revocation of recognition/approval granted.

The Centre of Legal Education is directed to ensure compliance of the conditions stipulated above and also comply with Legal Education Rules 2008, failure of which may lead to subsequent necessary and proper action being taken in this regard :-

1. The **Centre of Legal Education** is directed to **ensure establishment and continuance of a Legal Aid Centre** as per Clause-11, Schedule-III of Rule-11 of the Part-IV of the Legal Education Rules - 2008. CLE should keep activated Legal Aid Clinic.
2. **Centre of Legal Education** must **ensure to teach clinical subjects** and give marks as per the schedule.
3. **Centre of Legal Education** should ensure the payment of salary to teachers as per Rules 22 schedule III, Part IV of BCI Rules.
4. The library should be furnished as per Clause 15 of Schedule III of Legal Education Rules 2008 given below :-

Minimum Library requirement: To start with, a Law Library shall have a set of AIR manual, Combo offer of CD of AIR Pvt. Ltd. (containing electronic version of AIR Supreme Court and High Court Data bases Research 1950-2015 (four connections each) Cr. L.J. Data Base 1950-2015(four connections) AIR Privy Council Data Base 1900-1950 (four connections) AIR Mannual latest 6th Edition(1-45 Vols.) AIR Journal 2015, Cr. L.J. 2015, L.I.C. 2015, AIR Civil Cases 2015, AIR Law Lines 2015, AIR Cheque Dishonour Reports 2015, AIR Accident Claims and compensation 2015, Institution shall get electronic versions updated every year by AIR Pvt. Ltd. Central Acts and Local Acts, Criminal law journal, SCC, Company cases, Indian Bar Review, selected Judgements on Professional Ethics and Journals with the back volumes

for at least ten years and also such number of text books in each subjects taught during the period according to the minimum standard ratio of ten books for each registered students. For running integrated program, text books of such other subjects are also to be kept in the similar minimum ratio.


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5. The **Centre of Legal Education** should keep in mind that minimum 10 sets of Indian Bar Review, selected judgments and professional Ethics published by Bar Council of India Trust and the AIR volumes/set must be promptly ordered for the library if not already ordered, as it is an essential requirement to run a law college which is stipulated by Bar Council of India, Legal Education Rules 2008 framed under a Parliament Act.
6. The **Center of Legal Education** is directed to make a minimum investment as provided below for upgrading it's library as per the following guideline :-
"Today with the increasing cost of journals, books, wi-fi, e-library and online facilities including I.T. facilities, the minimum investment by each university should be Rs. 10 lakhs for each year. However for any university/deemed university in rural area, the investment should be Rs. 5 Lakh and for all other affiliated colleges in the urban area it should be Rs. 2 lakhs and in rural area it should be Rs. 1 lakh."
7. Teacher Student ratio shall be 1:40 as per Schedule-III, Rule-11, Clause-17, Part-IV of Bar Council of India Rules.
8. **Centre of Legal Education** is directed to inform the timings of the classes.
9. **Centre of Legal Education** must ensure that not less than three percent seats are reserved for persons with disabilities.
10. **Centre of Legal Education** shall equip itself to provide appropriate facilities in terms of the physical infrastructure, academic infrastructure and any other facilities required for the effective participation of disabled students, teachers and staff in their respective activities. For e.g. (a) ramps in public buildings and (b) Braille symbols and auditory signals in elevators or lifts.

Further, the **Centre of Legal Education** should maintain the timing which has to be minimum 5 ½ hours with half an hour break.

AFFIDAVIT—

Centre of Legal Education is directed to file an affidavit to the Bar Council of India within four weeks mentioning the timing of the classes. The relevant rules of Legal Education which are mandatory to be ensured are as follows :-

Rule (xxiii), Chapter I

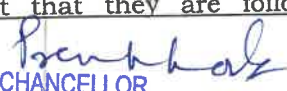
"(xxiii) "Regular Course of Study" means and includes a course which runs for at least five hours a day continuously with an additional half an hour recess every day and running not less than thirty hours of working schedule per week."

Rule 5 of Schedule III

"Classes may be conducted between 8 a.m. to 7 p.m. in a Centre of Legal Education, which is not fully residential. However the Library may remain open till 10 p.m."

AFFIDAVIT-

Further, the **Centre of Legal Education** should follow the attendance rule and file affidavit that they are following the aforesaid and below mentioned


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rule. The next inspection team shall also see whether the said rules are being followed by the university or not. The relevant Rule 12 is given below :-

"12. End Semester Test: No student of any of the degree program shall be allowed to take the end semester test in a subject if the student concerned has not attended minimum of 70% of the classes held in the subject concerned as also the moot court room exercises, tutorials and practical training conducted in the subject taken together.

Provided that if a student for any exceptional reasons fail to attend 70% of the classes held in any subject, the Dean of the University or the Principal of the Centre of Legal Education, as the case may be, may allow the student to take the test if the student concerned attended at least 65% of the classes held in the subject concerned and attended 70% of classes in all the subjects taken together. The similar power shall rest with the Vice Chancellor or Director of a National Law University, or his authorized representative in the absence of the Dean of Law.

Provided further that a list of such students allowed to take the test with reasons recorded be forwarded to the Bar Council of India."

Centre of Legal Education should also admit students as per the below mentioned Rule:

7. Minimum marks in qualifying examination for admission: Bar Council of India may from time to time, stipulate the minimum percentage of marks not below 45% of the total marks in case of general category applicants, 42% for OBC category and 40% of the total marks in case of SC and ST applicants, to be obtained for the qualifying examination, such as +2 Examination in case of Integrated Five Years' course or Degree course in any discipline for Three years' LL.B. course, for the purpose of applying for and getting admitted into a Law Degree Program of any recognized University in either of the streams.

Provided that such a minimum qualifying marks shall not automatically entitle a person to get admission into an institution but only shall entitle the person concerned to fulfill other institutional criteria notified by the institution concerned or by the government concerned from time to time to apply for admission.

Centre of Legal Education to follow Clause-24, Schedule-II of Legal Education Rule-2008 lays down Moot Court exercises and Internship; Clause-25, Schedule-III lays down Minimum period of Internship which is quoted hereunder. **However, during the pandemic period, it has been left open to the Centre of Legal Education to choose any alternative mode with respect to the same, owing to practical feasibility of the same.**

24. Moot court exercise and Internship:

This paper may have three components of 30 marks each and a viva for 10 marks.

(a) Moot Court (30 Marks). Every student may be required to do at least three moot courts in a year with 10 marks for each. The moot court work will be on assigned problem and it will be evaluated for 5 marks for written submissions and 5 marks for oral advocacy.


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(b) Observance of Trial in two cases, one Civil and one Criminal (30 marks):

Students may be required to attend two trials in the course of the last two or three years of LL.B. studies. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. This scheme will carry 30 marks.

(c) Interviewing techniques and Pre-trial preparations and Internship diary (30 marks):

Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office and record the proceedings in a diary, which will carry 15 marks. Each student will further observe the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be recorded in the diary, which will carry 15 marks.

(d) The fourth component of this paper will be Viva Voce examination on all the above three aspects. This will carry 10 marks.

25. Minimum Period of Internship: (a) Each registered student shall have completed minimum of twelve weeks internship for Three Year Course stream and twenty weeks in case of Five Year Course stream during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government and other such bodies as the University shall stipulate, where law is practiced either in action or in dispute resolution or in management.

Provided that internship in any year cannot be for a continuous period of more than Four Weeks and all students shall at least gone through once in the entire academic period with Trial and Appellate Advocates.

(b) Each student shall keep Internship diary in such form as may be stipulated by the University concerned and the same shall be evaluated by the Guide in Internship and also a Core Faculty member of the staff each time. The total mark shall be assessed in the Final Semester of the course in the 4th Clinical course as stipulated under the Rules in Schedule II.

Centre of Legal Education should also follow Rule-10 of Legal Education Rules 2008 which is quoted hereunder :-

10. Semester system


The course leading to either degree in law, unitary or on integrated double degree, shall be conducted in semester system in not less than 15 weeks for unitary degree course or not less than 18 weeks in double degree integrated course with not less than 30 class-hours per week including tutorials, moot court room exercise and seminars provided there shall be at least 24 lecture hours per week.

Provided further that in case of specialized and/or honours law courses there shall be not less than 36 class-hours per week including seminar, moot court and tutorial classes and 30 minimum lecture hours per week.

Provided further that Universities are free to adopt trimester system with appropriate division of courses per trimester with each of the trimester not less than 12 weeks.

Centre of Legal Education should also follow Rule 17 and Rule 18 of Schedule III of Legal Education Rules 2008 which is quoted hereunder :-

Rule 17. Core Faculty:


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There shall be sufficient number of full time faculty members in each Centre of Legal Education (i.e. ,Department, constituent or affiliated college) to teach each subject at all point of time for running courses who can be supported by part time or visiting faculty. Such a core faculty shall in no case be less than six in the first year of the approval with both streams in operation, eight in the second year and ten in the case of third year of law courses. In addition, for the integrated course there shall be adequate faculty in the subjects offered in the liberal educational subjects as part of the course by the institution. These faculties in the liberal educational discipline in Arts, Science, Management, Commerce, Engineering, Technology or any other discipline shall possess qualification as is required under the UGC guideline or under such other standard setting body as the discipline is allotted to by any Act, statute, or Rules of the Government of India or of a State.

For the Three Year Bachelor of Law degree course only with two sections without the Honour program, there shall be minimum of 4 core faculty in the first year six in the second and eight in the third year in addition to the Principal/ Head or Dean as the case may be.

Provided that an institution intending to run any specialized or honours course must have at least three faculty in the group in which specialization and honours courses are offered.

Provided further that each full time faculty shall take as many classes in the subject or subjects as may be assigned to them on the basis of standard prescribed by 'the standard setting institution' like UGC.

Provided further, if any institution of a University, which was already affiliated to the University and approved to run professional courses of either scheme or both by the Bar Council of India after inspection of the University, falls short of required full time faculty, the new admission in courses may be required to remain suspended until new required number of faculty is procured. The University shall before starting a new academic session, notify which institutions are only be allowed to admit fresh students.

Provided further that if while inspecting the University it was found that in any institution of the University adequate number of full time faculty was not there in the staff, the Bar Council after giving notice to the University might give a public notice directing the University not to admit students in the new academic year in that institution.

Rule -18 Minimum weekly class program per subject (paper):.

There shall be for each paper (with 4 credit) Four class-hours for one hour duration each and one hour of tutorial/moot court/project work per week.

Authenticated signed and certified Bank Statements bearing bank stamp/seal and signature of the bank manager for a period of three months with effect from the date of receipt of this letter for the preceding period of three months must be furnished immediately.

This must be continued to be submitted every three months without fail.

AFFIDAVIT-

Kindly ensure to comply with all the above stipulated and all other requisite Rules of Legal Education 2008 by way of compliance by way of duly notarized affidavit by attaching adequate documentation proof with the same with a period of 4 to 6 weeks for being eligible to be issued further Approval for further subsequent academic years.

This letter is subject to final approval/confirmation of the Legal Education Committee and General Council of the Bar Council of India.

You are also requested to attach a copy of this letter with your compliance report/reply.


VICE CHANCELLOR
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It is suggested that all information should be provided to Bar Council of India both in hard and soft copy/pen-drive and by email at complianceaffiliationle2@gmail.com.

This is for your information and necessary action

Yours sincerely,



Ashok Kumar Pandey
Joint Secretary
HOD, Legal Education Dept.
Bar Council of India



Registrar
Shoolini University of Biotechnology
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VI 
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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SCIENCES SOLAN (H.P.)



Students Passed/Awarded Degree in June 2021								
Sr. No	Course Name	Sanctioned Intake	No. of candidates Admitted in Final Year		Total Number of Students Appeared in Final Year		Total Number of Students Passed/Awarded Degree	
			Male	Female	Male	Female	Male	Female
1	B. Pharmacy	100	58	37	58	37	57	37
2	M Pharmacy Pharmaceutical Chemister	14	8	4	8	4	8	4
3	M Pharmacy Pharmaceutics	12	3	9	3	9	3	9
4	M Pharmacy Pharmacology	10	8	1	8	1	8	1
5	M Pharmacy Pharmacognosy	3	0	3	0	3	0	3
6	BA/JMC	30	7	5	7	5	6	5
7	B. Sc. (Hons.) FT	60	0	4	0	4	0	4
8	B. Tech BT	55	15	27	15	27	15	25
9	B. Tech CE	40	32	3	32	3	32	3
10	B. Tech ECE	5	2	1	2	1	2	1
11	B. Tech FT	30	11	12	11	12	11	12
12	B. Tech ME	40	21	0	21	0	21	0
13	M. Sc. FT	30	4	26	4	26	4	26
14	M. Tech CSE	5	1	0	1	0	1	0
15	M. Tech CE		2	0	2	0	1	0
16	M. Tech ME		2	0	2	0	2	0
17	M.Tech Biotechnology	15	5	4	5	4	5	4
18	M. Tech FT		2	2	2	2	2	2
19	B Sc (Hons) Math	30	3	7	3	7	3	7
20	M. Sc. Math	20	11	6	11	6	11	6
21	B. Tech CSE	55	39	11	39	11	38	11
22	B. Tech IT	5	4	1	4	1	4	1
23	B.Com (Hons)	60	19	21	19	21	18	21
24	BBA	60	35	16	35	16	34	16
25	B Sc Hospitality and Hotel Adminstration	60	12	3	12	3	8	3
26	B.Sc YOGA	60	8	7	8	7	8	7
27	BA ENGLISH	30	4	9	4	9	4	9
28	BA Economics	30	0	2	0	2	0	2
29	M.A English	5	3	0	3	0	3	0
30	M Sc YOGA	8	0	5	0	5	0	5
31	MBA	190	125	61	125	61	114	54
32	LLB	60	2	2	2	2	2	2
33	LLM	15	7	7	7	7	7	7
34	B.Sc. (Hons) Botany	30	2	8	2	8	2	8
35	B.Sc. (Hons) Chemistry	40	2	7	2	7	2	7
36	B.Sc. (Hons) Physics	30	9	2	9	2	7	2
37	B.Sc. (Hons) Zoology	30	1	6	1	6	1	6
38	B.Sc. (Hons) Biotechnology	120	26	25	26	25	20	25
39	B.Sc. (Hons) Microbiology	60	7	17	7	17	7	16
40	M.Sc Botany	60	6	14	6	14	6	14
41	M.Sc Zoology		12	22	12	22	12	22
42	M.Sc Environmental Sciences	10	3	7	3	7	3	7
43	M.Sc Chemistry	55	17	20	17	20	16	20
44	M.Sc Physics		4	12	4	12	4	12
45	M.Sc Microbiology	80	13	11	13	11	13	11
46	M.Sc Biotechnology		16	31	16	31	15	31



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Students Passed/Awarded Degree in June 2022

Sr. No	Course Name	Sanctioned Intake	No. of candidates Admitted in Final Year		No. of candidates appeared in Final Year examination		Total Number of Students Passed/Awarded Degree	
			Male	Female	Male	Female	Male	Female
1	B. Pharmacy	100	58	37	58	37	57	37
2	M Pharmacy Pharmaceutical Chemister	15	7	5	7	5	7	5
3	M Pharmacy Pharmaceutics	12	3	9	3	9	3	9
4	M Pharmacy Pharmacology	12	8	1	8	1	8	1
5	M Pharmacy Pharmacognosy	3	0	3	0	3	0	3
6	BJMC	30	15	13	15	13	8	11
7	B. Sc. (Hons.) FT	15	7	7	7	7	5	6
8	B. Tech BT	120	24	30	24	30	24	30
9	B. Tech CE	60	33	2	33	2	33	2
10	B. Tech ECE	30	1	0	1	0	1	0
11	B. Tech EE	30	5	0	5	0	5	0
12	B. Tech FT	120	27	16	27	16	26	14
13	B. Tech ME	120	21	0	21	0	17	0
14	M. Sc. FT	105	15	32	15	32	15	32
15	M.Sc. Biotechnology		21	21	21	21	21	21
16	M.Sc. Microbiology		7	13	7	13	7	13
17	M. Sc. Nutrition & Dietetics	10	2	8	2	8	1	8
18	M. Tech CE	5	4	1	4	1	4	1
19	M. Tech ET	5	2	0	2	0	2	0
20	M.Tech Biotechnology	27	2	11	2	11	2	11
21	M. Tech FT		7	6	7	6	7	6
22	LLB	60	1	1	1	1	1	1
23	LLM	20	8	9	8	9	5	9
24	BALLB	60	0	3	0	3	0	2
25	B.Tech CSE	120	40	8	40	8	39	8
26	M.Tech CSE	5	0	1	0	1	0	1
27	M.SC Maths	15	3	5	3	5	3	5
28	M.SC Data Science		3	2	3	2	3	2
29	B.sc Maths	15	7	5	7	5	7	5
30	B.Sc Agriculture	60	28	29	28	29	26	28
31	M.Sc Agriculture Agronomy	20	9	3	9	3	8	3
32	M.Sc Agriculture Extension Education		0	2	0	2	0	2
33	M.Sc Plant Breeding and Genetics		2	1	2	1	2	1
34	M.Sc Soil Science		0	1	0	1	0	1
35	B.Sc. (Hons) Botany	20	1	5	1	5	1	5
36	B.Sc. (Hons) Zoology		4	9	4	9	4	9
37	B.Sc. (Hons) Chemistry	19	3	5	3	5	3	5
38	B.Sc. (Hons) Physics		7	4	7	4	7	4
39	M.Sc. Botany	70	5	6	5	6	5	6
40	M.Sc. Chemistry		16	9	16	9	16	9
41	M.Sc. Physics		13	4	13	4	13	4
42	M.Sc. Zoology		6	11	6	11	6	11
43	M.Sc. Environmental Sciences	4	1	3	1	3	1	3
44	B.Sc. (Hons) Biotechnology	60	12	24	12	24	12	24
45	B.Sc. (Hons) Microbiology		10	8	10	8	10	8
46	B.Com (Hons)	110	31	16	31	16	31	14
47	BBA		42	14	42	14	30	14
48	B.Sc Hospitality and Hotel Adminstration	30	24	4	24	4	23	1
49	B.Sc YOGA	30	8	13	8	13	6	13
50	BA ENGLISH	15	5	9	5	9	5	8
51	M.A English	5	0	1	0	1	0	1
52	M Sc YOGA	10	10	0	10	0	10	0
53	MBA	120	73	45	73	45	66	43
54	M.B.A EXE	3	3	0	3	0	3	0
55	PGDDS	30	18	6	18	6	16	5


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Students Passed/Awarded Degree in June 2023								
Sr. No	Course Name	Sanctioned Intake	No. of candidates Admitted in Final Year		Total Number of Students Appeared in Final Year		Total Number of Students Passed/Awarded Degree	
			Male	Female	Male	Female	Male	Female
1	B. Pharmacy	100	61	33	61	33	53	32
2	M Pharmacy Pharmaceutical Chemistry	15	5	5	5	5	5	5
3	M Pharmacy Pharmaceutics	12	7	3	7	3	5	3
4	M Pharmacy Pharmacology	12	9	3	9	3	9	3
5	M Pharmacy Pharmacognosy	3	0	2	0	2	0	2
6	BALLB	60	9	8	9	8	9	8
7	LLB	60	10	3	10	3	10	3
8	LLM	20	6	8	6	8	6	8
9	MA/MSc Psychology	5	0	3	0	3	0	3
10	B.Sc Botany	30	0	1	0	1	0	1
11	B.Sc Zoology	30	10	9	10	9	10	9
12	B.Sc Chemistry	30	1	5	1	5	0	5
13	B.Sc Physics	30	1	1	1	1	0	1
14	B.Sc Microbiology	85	6	19	6	19	6	19
15	B.Sc Biotechnology	85	19	32	19	32	18	31
16	M.Sc Botany	15	3	8	3	8	3	8
17	M.Sc Zoology	15	3	12	3	12	3	12
18	M.Sc Environmental Sciences	10	2	6	2	6	2	6
19	M.Sc Chemistry	35	16	17	16	17	16	17
20	M.Sc Physics	10	7	3	7	3	7	3
21	M.Tech Biotechnology	15	3	9	3	9	3	9
22	M.Sc Microbiology	30	9	16	9	16	8	16
23	M.Sc Microbiology Reserch		1	4	1	4	1	4
24	M.Sc Biotechnology	50	18	30	18	30	18	30
25	M.Sc Biotechnology Research	20	6	11	6	11	6	11
26	B.Tech CSE	120	72	19	72	19	68	17
27	M.Tech CSE	5	2	0	2	0	2	0
28	M.Sc Data Science	5	2	3	2	3	2	3
29	B.Sc Maths	15	6	9	6	9	6	9
30	M.SC Maths	10	2	7	2	7	2	7
31	B.SC Agriculture	60	33	26	33	26	31	26
32	M.Sc Agriculture Agronomy	25	14	10	14	10	14	10
33	M.Sc Agriculture Extension Education	10	3	5	3	5	3	5
34	M.Sc Plant Breeding and Genetics	5	1	2	1	2	1	2
35	M.Sc Soil Science	5	2	2	2	2	2	2
36	BCA	21	16	5	16	5	16	5
37	MCA	10	6	4	6	4	6	4
38	BAJMC	25	10	15	10	15	7	15
39	B. Sc. ND	15	5	7	5	7	5	7
40	B. Sc. (Hons.) FT	85	7	7	7	7	7	7
41	B. Tech BT	120	24	41	24	41	23	40
42	B. Tech CE	60	12	3	12	3	9	3
43	B. Tech EE	30	16	0	16	0	15	0
44	B. Tech FT	120	24	31	24	31	24	31
45	B. Tech ME	120	15	2	15	2	14	2
46	M. Sc. FT Research	10	3	5	3	5	3	5
47	M. Sc. FT	20	9	12	9	12	7	12
48	M. Sc. Nutrition & Dietetics	10	0	6	0	6	0	6
49	M. Tech CE	5	1	0	1	0	1	0
50	M. Tech ECE	5	0	1	0	1	0	1
51	M. Tech FT	20	3	13	3	13	3	12
52	MAJMC	15	2	4	2	4	2	3
53	PG Diploma in Journalism	5	0	1	0	1	0	1
54	B.Com (Hons)	130	19	24	19	24	11	19
55	BBA		67	18	67	18	32	15


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SCHOOL-WISE FACULTY LIST						
Sr. No.	Su Code	Name	Designation	Gender	DOJ	Highest Qualification with Year (Merge Column AM)
Chitrakoot School of Liberal Arts						
1	SU998	Tej Nath Dhar	Professor	M	28-01-2021	Ph.D.
2	SU1145	Indu Rihani	Professor	F	06-12-2021	Ph.D.
3	SU666	Purnima Bali	Associate Professor	F	10-04-2017	Ph.D.
4	SU1063	Navreet Kaur Sahi	Associate Professor	F	16-06-2021	Ph.D.
5	SU1115	Hemant Kumar Sharma	Assistant Professor - cum - Trainer	M	03-09-2021	M.A. (English)
6	SU1127	Kunwar Siddarth Dadhwal	Assistant Professor	M	07-10-2021	Ph.D.
7	SU1124	Samrat Sharma	Assistant Professor	M	16-09-2021	M.A., Ph.D. Pursuing
8	SU1114	Prakash Chand	Assistant Professor	M	01-09-2021	Ph.D.
9	SU5063	Ekta Singh	Assistant Professor	F	08-02-2022	Ph.D.
10	SU911	Ankur Sexena	Lecturer/ Assistant Professor	M	01-06-2020	Master of Arts in Performance Studies/ M.A Dramatic Arts
11	SU5123	Nasser Dasht Peyma	Assistant Professor	M	16-08-2022	Ph.D.
12	SU5125	Chen Mong Chun	Assistant Professor	F	24-08-2022	Bachelor of Education
13	SU451	Poonam Nanda	Professor	F	04-01-2013	M.A. (English)
14	SU893	Shikha Sood	Assistant Professor	F	10-01-2020	M.A. Sociology
15	SU802	Deepa Thakur	Assistant Professor	F	10-01-2019	M.A English
16	SU017	Meenakshi Sharma	Assistant Professor	F	03-06-2008	M.A. (English), Diploma in Computer Science &
17	SU5091	Archana	Assistant Professor	F	04-04-2022	MBA
MS Swaminathan School of Agriculture						
18	SU571	Y S Negi	Professor	M	29-05-2015	Ph.D.
19	SU1208	D D Sharma	Professor	M	14-07-2022	Ph.D.
20	SU936	Ravinder Nath	Associate Professor	M	24-08-2020	Ph.D.
21	SU955	Santanu Mukherjee	Associate Professor	M	21-09-2020	Ph.D.
22	SU1008	Shweta Sharma	Assistant Professor	F	23-02-2021	Ph.D.
23	SU1079	Sanchit Thakur	Assistant Professor	M	26-07-2021	Ph.D.
24	SU1101	Rajendra Kumar	Assistant Professor	M	09-08-2021	Ph.D.
25	SU935	Devanshi Pandit	Assistant Professor	F	24-08-2020	Ph.D.
26	SU1082	Ratika Kayastha	Assistant Professor	F	29-07-2021	Ph.D.
27	SU1088	Kartikeya Choudhary	Assistant Professor	M	02-08-2021	Ph.D.
28	SU1128	Vinay Kumar Rachappanavar	Assistant Professor	M	07-10-2021	Ph.D.
29	SU1170	Anshul Kumar	Assistant Professor	M	01-02-2022	Ph.D.
30	SU1182	Vinay Chandel	Assistant Professor	M	07-03-2022	Ph.D.
31	SU1202	Bhagyashree Bhatt	Assistant Professor	F	14-06-2022	Ph.D.
32	SU1210	Sunakshi Gautam	Assistant Professor	F	25-07-2022	Ph.D.
33	SU1213	Nidhi	Assistant Professor	F	01-08-2022	Ph.D.
34	SU1214	Deepika Sood	Assistant Professor	F	01-08-2022	Ph.D.
35	SU1234	Perminder Singh Brar	Assistant Professor	M	14-11-2022	Ph.D.
36	SU1244	Muntazir Mushtaq	Assistant Professor	M	06-12-2022	Ph.D.


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Sr. No.	Su Code	Name	Designation	Gender	DOJ	Higest Qualification with Year (Merge Column AM)
37	SU1285	Gagan Mehta	Assistant Professor	M	01-03-2023	Ph.D.
38	SU1286	Ranjeet Singh	Assistant Professor	M	01-03-2023	Ph.D.
39	SU1406	Prateek Guleria	Assistant Professor	M	04-09-2023	Ph.D.
40	SU1437	Manisha Negi	Assistant Professor	F	07-02-2024	Ph.D.
School of Advanced Chemical Sciences						
41	SU230	Pardeep Singh	Professor	M	12-12-2017	Ph.D.
42	SU541	Gaurav Sharma	Professor	M	25-08-2014	Ph.D.
43	SU190	Amit Kumar	Professor	M	21-07-2011	Ph.D.
44	SU448	Pankaj Raizada	Professor	F	12-12-2017	Ph.D.
45	SU1058	Praveen Kumar	Associate Professor	M	07-06-2021	Ph.D.
46	SU879	Sunil Kumar Sharma	Assistant Professor	M	27-09-2019	Ph.D.
47	SU1015	Pinky Satija	Assistant Professor	F	02-03-2021	Ph.D.
48	SU669	Anita Sudhaik	Assistant Professor	F	31-01-2020	Ph.D.
49	SU1057	Ekta Bala	Assistant Professor	F	01-06-2021	M. Sc.
50	SU1193	Vinay Chauhan	Assistant Professor	M	09-05-2022	Ph.D.
51	SU1223	Sonu	Assistant Professor (Research)	M	05-09-2022	Ph.D.
52	SU1296	Saima	Assistant Professor	F	03-04-2023	Ph.D.
53	SU5150	Neha	Assistant Professor	F	03-01-2023	Ph.D.
54	SU930	Rohit Kumar	Assistant Professor	M	26-09-2023	Ph.D.
55	SU1067	Vatika Soni	Assistant Professor	F	12-07-2021	Ph.D.
School of Bioengineering and Food Technology						
56	SU185	Dinesh Kumar	Professor	M	15-07-2011	Ph.D.
57	SU280	Somesh Sharma	Professor	M	02-04-2012	Ph.D.
58	SU274	P K Chauhan	Professor	M	31-03-2012	Ph.D.
59	SU1405	Sadanand Pandey	Professor	M	04-09-2023	Ph.D., Post Doc
60	SU261	Rupak Nagraik	Associate Professor	M	21-02-2012	Ph.D.
61	SU981	Srishti Mathur	Assistant Professor	F	04-01-2021	M.Sc. (Food and Nutrition), Ph.D. Pursuing
62	SU1064	Avinash	Assistant Professor	M	16-06-2021	Ph.D.
63	SU1120	Tanbeer Kaur	Assistant Professor	F	10-09-2021	M. Sc. (Food Processing & Engg.) Ph.D. Pursuing
64	SU1167	Vandana	Assistant Professor	F	03-01-2022	Ph.D.
65	SU1297	Poonam	Assistant Professor	F	03-04-2023	Ph.D.
66	SU1385	Tarun Pal	Assistant Professor	M	07-08-2023	Ph.D.
67	SU1421	Mamta Chandel	Assistant Professor	F	18-10-2023	Ph.D.
68	SU1426	Rajni Saini	Assistant Professor	F	24-11-2023	M.Sc. Ph.D. Pursuing
69	SU1447	Asir Gani	Assistant Professor	M	Join	Post Doc., Ph.D
70	SU1417	Abhishek Thakur	Scientist	M	26-09-2023	Ph.D.
71	SU1430	Anjali Gautam	Assistant Professor	F	18-12-2023	Ph.D.
School of Biological & Environmental Sciences						
72	SU001	P K Khosla	Chancellor cum Professor	M	18-08-2010	Ph.D., Post Doc


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Sr. No.	Su Code	Name	Designation	Gender	DOJ	Highest Qualification with Year (Merge Column AM)
73	SU130	Sunil Puri	Professor	M	14-09-2010	Ph.D.,Post Doc
74	SU275	J M Julka	Professor	M	11-10-2010	Ph.D.,Post Doc
75	SU187	Rachna Verma	Associate Professor	F	15-07-2011	Ph.D.
76	SU757	Radha	Assistant Professor	F	17-05-2018	Ph.D.
77	SU925	Ruhi Thakur	Assistant Professor	F	06-08-2020	Ph.D.
78	SU1077	Ritesh Banerjee	Assistant Professor	M	20-07-2021	Ph.D.
79	SU1139	Vijay Chauhan	Assistant Professor	M	22-11-2021	Ph.D.
80	SU1122	Priyanka Kumari	Assistant Professor	F	13-09-2021	Ph.D.
81	SU1230	Priyanka Chauhan	Assistant Professor	F	22-09-2022	Ph.D.
82	SU1303	Dhriti Kapoor	Assistant Professor	F	04-04-2023	Ph.D.
83	SU1327	Sandipta Ghosh	Assistant Professor	F	01-06-2023	Ph.D.
84	SU843	Anita Chauhan	Associate Professor	F	02-07-2019	Ph.D.
85	SU1380	Shalini Singh	Associate Professor	F	28-07-2023	Ph.D.
86	SU1095	Isha Jaswal	Assistant Professor	F	02-08-2021	Master in Phychology, Ph.D. Pursuing
87	SU1294	Sangeeta Kakkar	Assistant Professor	F	23-03-2023	Master in Phychology, Ph.D. Pursuing
88	SU1389	Akansha Negi	Assistant Professor	F	16-08-2023	Master in Phychology
89	SU1420	Garima Sen	Assistant Professor	F	10-10-2023	M.Phil.
90	SU014	Suman	Assistant Professor	F	18-07-2007	M.A.
91	SU1250	Disha	Assistant Professor/Patent Analyst	F	03-01-2023	Ph.D.
School of Biotechnology						
92	SU034	Sourabh Kulshreshtha	Professor	M	10-08-2009	Ph.D.,Post Doc
93	SU392	Azhar Khan	Professor	M	11-09-2012	Ph.D.,Post Doc
94	SU649	Nitika Thakur	Assistant Professor	F	17-11-2016	Ph.D.
95	SU958	Jyoti Mehta	Assistant Professor	F	23-09-2020	Ph.D.
96	SU967	Gaurav Saxena	Assistant Professor	M	02-11-2020	Ph.D.
97	SU1168	Lokender Kumar	Associate Professor	M	07-01-2022	Ph.D.,Post Doc
98	SU1039	Rohit Sharma	Assistant Professor	M	01-04-2021	Ph.D.,Post Doc
99	SU1185	Vihang Vivek Ghalsasi	Assistant Professor	M	15-03-2022	Ph.D.
100	SU1226	Swati	Assistant Professor	F	05-09-2022	Ph.D.
101	SU1266	Vishal Sharma	Assistant Professor	M	10-01-2023	Ph.D.
102	SU1275	Karnika Thakur	Assistant Professor	F	13-02-2023	Ph.D.
103	SU1429	Paromik Bhattacharyya	Assistant Professor	M	09-12-2023	Ph.D.
104		Sanjay Monga	Assistant Professor	M	Join	Ph.D.
105		Himanshu Sharma	Assistant Professor	M	19-03-2024	Ph.D.
106	SU1317	Ashok Pundir	Assistant Professor	M	19-04-2023	M.Tech.
107	SU012	Suresh Kumar	Assistant Director Landscaping and Innovation	M	01-04-2007	M.Sc. (IT) MBA, Diploma Horticulture
108	SU5069	Pawan	Assistant Professor	M	01-06-2022	M.Tech Biotechnology
School of Business Management						
109	SU172	Atul Khosla	Professor	M	01-06-2011	MBA


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110	SU1311	Munish Sahrawat	Professor	M	17-04-2023	MBA
111	SU474	Narinder Verma	Professor	M	15-07-2013	Ph.D.
112	SU104	Kesari	Professor	F	03-08-2010	Ph.D.
113	SU5176	Manjunath BR	Professor	M	01-11-2023	Ph.D.
114	SU325	Kamalkant Vashisth	Professor	M	16-07-2012	Ph.D.
115	SU118	Nitin Gupta	Associate Director	M	12-08-2010	Ph.D.
116	SU5175	Eshan Gambhir	Assistant Professor	M	09-01-2024	MBA
117	SU1431	Sunil Kumar	Associate Professor	M	15-01-2024	Ph.D.
118	SU421	Pooja Verma	Associate Professor	F	21-01-2013	Ph.D.
119	SU476	Chander Mohan Gupta	Associate Professor	M	15-07-2013	Ph.D.
120	SU728	Vinay Negi	Associate Professor	M	11-12-2017	Ph.D.
121	SU692	Vijay Kumar	Assistant Professor	M	31-07-2017	Ph.D.
122	SU615	Supriya Srivastava	Assistant Professor	F	06-06-2016	Ph.D.
123	SU1280	Chanderika Thakur	Assistant Professor	F	01-03-2023	M.A.(Economics), Ph.D. Pursuing
124	SU1283	Palak Chauhan	Assistant Professor	F	01-03-2023	M.A.(Economics), Ph.D. Pursuing
125	SU1282	Sonia Bharti	Assistant Professor	F	01-03-2023	MBA (General), Ph.D Pursuing
126	SU1322	Meenakshi Ahlawat	Assistant Professor	F	02-05-2023	M.A.(English)
127	SU1326	Tejas Subrahmanya	Assistant Professor	M	01-06-2023	MBA
128	SU646	Anshul	Assistant Professor	M	17-10-2016	M.A., Diploma 3 Years ECE
129	SU1388	Vividha Gurung	Assistant Professor	F	08-08-2023	MBA
130	SU1432	Abhilasha Chauhan	Assistant Professor	F	01-02-2024	Ph.D.
131	SU1387	Neeraj Chaudhary	Director Hospitality	M	07-08-2023	PG Diploma in Hotel Management
132	SU1408	Nitesh Kumar	Assistant Professor	M	05-09-2023	Master in Tourism & Travel Management
133	SU1425	Nitesh Kumar	Assistant Professor	M	21-11-2023	Master of Arts (MTTM)
134	SU1229	Sahil Mohan	Assistant Professor	M	23-09-2022	M.Sc. Hospitality Administration
135	SU003	Vishal Anand	Pro Chancellor / Professor	M	27-09-2010	PGDBM, LEAD Program, Business Leadership
136	SU568	Ashoo Khosla	Associate Professor	F	31-03-2015	MBBS., PGDBM., Ph.D Pursuing
137	SU735	Avnee Gupta	Associate Professor cum Vice President	F	01-02-2018	MBA
138	SU381	Varsha Patil	Associate Professor	F	03-09-2012	C.S./ B. Com
139	SU1026	Sanjeev Kumar Singh	Director -HR	M	15-03-2021	MBA(HR)
140	SU596	Col TPS Gill	Professor of Practice (Leadership and	M	28-09-2015	Master of Science in Defence Studies
141	SU5159	B.K. Kaul	Professor of Practice	M	20-03-2023	MDP (Management Development Programme)
142	SU5160	Tarun Gupta	Professor of Practice	M	10-04-2023	MBA
143	SU5161	Mandeep Sandhu	Professor of Practice	M	11-04-2023	MBA
144	SU700	Pradeep Kumar Sharma	Professor	M	30-07-2021	MBA,PGDM
145	SU5172	Priyanka Thakur	Assistant Professor	F	26-08-2023	M.A in Education
146	SU1065	Bhawna Thakur	Assistant Professor	F	01-07-2021	MBA
147	SU316	Pawan Sharma	Assistant Manager (Finance)	M	02-07-2012	MBA
148	SU1102	Rishabh Shyam	Assistant Professor	M	02-08-2021	MBA


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Sr. No.	Su Code	Name	Designation	Gender	DOJ	Highest Qualification with Year (Merge Column AM)
149	SU168	Vikrant Chauhan	Assistant Professor	M	04-05-2011	M.P.Ed.
150	SU674	Shubham Verma	Assistant Professor	M	01-05-2017	MBA
151	SU530	Shard	Assistant Professor	M	01-06-2017	MS IT.
152	SU110	Rozy Dhanta	Associate Professor	F	01-08-2010	Ph.D.
153	SU514	Ranjeet Singh	Assistant Professor	M	28-07-2008	MBA
154	SU836	Ratika	Assistant Professor	F	03-06-2019	MBA, PGDPM
155	SU881	Kapil Gupta	Assistant Professor	M	16-10-2019	MBA
156	SU924	Chaitanya Moudgil	Assistant Professor	M	07-08-2020	MBA
157	SU5017	Suraj	Assistant Professor	M	25-04-2018	MBA
158	SU919	Nancy Chandel	Assistant Professor	F	04-08-2020	PGDBM, B.Tech. (CSE)
159	SU167	Shikhar Sharma	Assistant Professor	M	02-05-2011	MBA
160	SU1146	Tytiana Momin	Assistant Professor	F	01-12-2021	MBA, Pursuing PhD in Human Resources
161	SU1374	Shubham Sharma	Assistant Professor	M	17-07-2023	M.Tech.
162	SU5059	Shanti Devi	Assistant Professor	F	01-09-2021	MBA
163	SU989	Parikshit Kanwar	Assistant Professor	M	01-02-2021	MBA
164	SU1022	Kulwant Kumar	Assistant Professor	M	16-03-2021	MBA
165	SU1292	Vishakha Pandita	Assistant Professor	F	16-03-2023	MBA
166	SU1416	Disha Battoo	Assistant Professor	F	25-09-2023	MBA
167	SU1240	Pushpinder Verma	Assistant Professor	M	05-12-2022	MBA
168	SU1021	Amit Sharma	Assistant Professor	M	16-03-2021	MBA
169	SU829	Vipul Tomar	Assistant Professor	M	14-05-2019	MBA
170	SU1312	Shalini Thakur	Assistant Professor	F	17-04-2023	MBA
171	SU135	Kamlesh Kumar	Assistant Professor	M	27-09-2010	MBA
172	SU1386	Vishal Thakur	Assistant Professor	M	07-08-2023	MBA
173	SU1237	Manisha Thakur	Assistant Professor	F	14-11-2022	MBA
174	SU010	Rakesh	Assistant Professor	M	06-02-2010	MBA, M.Lib.Certificate in Library Science DCA
175	SU5087	Puja Thakur	Assistant Professor (Librarian)	F	16-03-2022	M. Phil
176	SU1427	Supriya Bali	Assistant Professor	F	05-12-2023	MBA
177	SU087	Harsha Thakur	Assistant Professor	F	12-06-2010	MBA
178	SU1299	Ashima Batra	Assistant Professor	F	03-04-2023	MBA
179	SU5065	Bhanu Pratap Raghuvanshi	Assistant Professor	M	10-09-2021	MBA
180	SU061	Satish Kumar	Assistant Professor	M	02-03-2010	MBA, Diploma in Computer Hard/Soft.
181	SU1201	Khushbu Mishra	Assistant Professor	F	07-06-2022	MBA - HRM - 2022
School of Core Engineering						
182	SU1143	Virender Rihani	Professor	M	01-12-2021	Ph.D.
183	SU595	Mohindra Singh Thakur	Professor	M	17-09-2015	Ph.D.
184	SU345	Bhaskar Goel	Professor cum Associate Director of Academic	M	03-05-2017	Ph.D.
185	SU812	S S Chandel	Professor	M	26-02-2019	Ph.D.
186	SU443	Ram Prakash Dwivedi	Professor/ Director International Affairs and	M	01-03-2013	Ph.D., Post Doc


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187	SU233	Amar Raj Singh	Professor	M	24-08-2011	Ph.D.
188	SU089	Raj Kumar Saini	Associate Professor	M	01-07-2010	Ph.D.
189	SU250	Robin Thakur	Associate Professor	M	01-11-2011	Ph.D.
190	SU497	Raj Kumar	Associate Professor	M	23-09-2013	Ph.D.
191	SU350	Sushil Kumar	Assistant Professor	M	23-08-2012	M.Tech., Ph.D. Pursuing
192	SU496	Nitin Kumar Sharma	Assistant Professor	M	20-09-2013	Ph.D.
193	SU480	Sorabh Aggarwal	Assistant Professor	M	17-05-2017	M.Tech., Ph.D. Pursuing
194	SU619	Veena Kashyap	Assistant Professor	F	23-06-2016	M.Tech., Ph.D. Pursuing
195	SU842	Nitisha Sharma	Assistant Professor	F	02-07-2019	Ph.D.
196	SU979	Arunava Poddar	Assistant Professor	M	04-01-2021	Ph.D.
197	SU1030	Navsal Kumar	Assistant Professor	M	22-03-2021	Ph.D.
198	SU1069	Rahul Chandel	Assistant Professor	M	13-07-2021	MBA, Ph.D. Pursuing
199	SU1232	Pankaj Kapoor	Assistant Professor	M	03-10-2022	M.Tech., Ph.D. Pursuing
200	SU1119	Diksha Chauhan	Assistant Professor	F	10-09-2021	Ph.D.
201	SU618	Bhupinder Kumar	Assistant Professor	M	23-06-2016	Ph.D. Pursuing
202	SU877	Ravi Kant	Assistant Professor	M	09-09-2019	M Tech.
203	SU991	Kulwant Singh Nagial	Director Estate	M	01-02-2021	M.Tech EE.MBA
204	SU1291	Diksha Garg	Assistant Professor	F	16-03-2023	M.Tech.
School of Design						
205	SU1178	Amit Ray	Distinguished Professor	M	15-02-2022	Ph.D.
206	SU537	Sashank Thapa	Associate Professor	M	01-08-2014	Ph.D.
School of Law						
207	SU678	Nandan Sharma	Professor	M	16-05-2017	Ph.D.
208	SU1012	Renu Pal Sood	Associate Professor	F	08-03-2021	Ph.D.
209	SU943	Palak Sharma	Assistant Professor	F	01-07-2021	LLM, Ph.D Pursuing
210	SU1109	Richika	Assistant Professor cum IPR Assistant	F	18-08-2021	LLM, Ph.D Pursuing
211	SU769	Monika Thakur	Assistant Professor	F	02-07-2018	Ph.D.
212	SU914	Swati Soni	Assistant Professor	F	30-07-2020	LLM, Ph.D Pursuing
213	SU1187	Poonam Pant	Assistant Professor	F	16-03-2022	LLM, Ph.D Pursuing
214	SU2001	Vineet Kumar	Assistant Professor	M	19-05-2022	LLM, Ph.D Pursuing
215	SU1377	Kusum Verma	Assistant Professor	F	20-07-2023	Ph.D.
216	SU1439	Somya Sharma	Assistant Professor	F	13-02-2024	LLM
217	SU1361	Meghna Thakur	Assistant Professor	F	03-07-2023	LLM, Ph.D Pursuing
218	SU942	Himanshu	Assistant Professor	M	31-08-2020	LLM
219	SU053	Neelam Dev Sharma	Assistant Professor	M	09-11-2009	M.A., L.L.B.
School of Media and Communication						
220	SU665	Vipin Pubby	Director External Relations	M	05-04-2017	M.A. (English)
221	SU1181	Neeraj Kumar	Associate Director	M	07-02-2022	M.A. (Political Science)
222	SU697	Ranjna Thakur	Associate Professor	F	01-08-2017	Ph.D.


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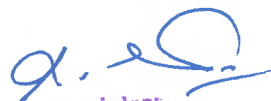
Sr. No.	Su Code	Name	Designation	Gender	DOJ	Highest Qualification with Year (Merge Column AM)
223	SU865	Nisha Kapoor	Associate Professor	F	13-08-2019	Ph.D.
224	SU972	Indu Negi	Assistant Professor	F	01-12-2020	Master in Mass Communication
225	SU5064	Paarth Sharma	Assistant Professor	M	08-03-2022	Master in Mass Communication
226	SU806	Nishtha Shukla	Director - Communication	F	01-01-2019	MA English., Diploma in Mass C
227	SU897	Jagdeep Sambey	Senior Editor	F	03-02-2020	Master in Journalism & Mass Communication
School of Pharmaceutical Sciences						
228	SU558	Deepak Kapoor	Professor	M	19-01-2015	Ph.D.
229	SU257	Rohit Goyal	Professor	M	16-01-2012	Ph.D.
230	SU676	Deepak Kumar	Professor	M	03-05-2017	Ph.D.
231	SU546	Poonam Negi	Professor	F	14-10-2014	Ph.D.
232	SU163	Navneet Kumar Upadhyay	Associate Professor	M	14-03-2011	Ph.D.
233	SU1284	Anshul Jamwal	Associate Professor	M	25-02-2023	M.Pharma
234	SU378	Swati Pundir	Associate Professor	F	03-09-2012	Ph.D.
235	SU695	Lalit Sharma	Associate Professor	M	01-08-2017	Ph.D.
236	SU534	Aditi Sharma	Associate Professor	F	31-03-2016	Ph.D.
237	SU823	Arun Parashar	Assistant Professor	M	26-04-2019	Ph.D.
238	SU749	Raveen Chauhan	Assistant Professor	M	23-04-2018	Doctor of Pharmacy
239	SU771	Chetna Kumari	Assistant Professor	F	04-07-2018	Ph.D.
240	SU810	Sunil Kumar	Assistant Professor	M	26-02-2019	Ph.D.
241	SU820	Monika Prakash Singh	Assistant Professor	F	18-04-2019	M. Pharma, Ph.D. Pursuing
242	SU1076	Nishtha	Assistant Professor	F	19-07-2021	M.Pharma, Ph.D Pursuing
243	SU1142	Hemlata Kaurav	Assistant Professor	F	29-11-2021	Ph.D.
244	SU1141	Deepak Kumar	Assistant Professor	M	25-11-2021	M.Pharma, Ph.D. Pursuing
245	SU1140	Shikha Mahant	Assistant Professor	F	25-11-2021	Ph.D.
246	SU1158	Himanshu	Assistant Professor	F	22-12-2021	Ph.D Pursuing
247	SU1147	Anjali Kaushal	Assistant Professor	F	10-12-2021	MS (Pharma)
248	SU1219	Sonia Rani	Assistant Professor	F	04-08-2022	M Pharma
249	SU5089	Shivanshi	Veterinarian- cum -Assistant Professor	F	23-03-2022	MVSC
250	SU1218	Shubhangi Sood	Assistant Professor	F	04-08-2022	M Pharma
251	SU1216	Simrandeep Kaur	Assistant Professor with JRF	F	13-05-2022	M Pharma
252	SUPHD7181	Monu Kumar Shukla	Assistant Professor with JRF	M	01-10-2023	M Pharma, Ph.D. Pursuing
253	SU732	Abhishek Kumar Sharma	Assistant Professor	M	17-01-2018	M. Pharma, Ph.D. Pursuing
School of Physics & Materials Science						
254	SU428	Radheshyam Rai	Professor	M	14-09-2021	Ph.D., Post Doc
255	SU478	Rakesh Kumar Shukla	Associate Professor	M	01-08-2013	Ph.D.
256	SU606	Mamta Shandilya	Associate Professor	F	02-05-2018	Ph.D.
257	SU783	Pawan Kumar	Assistant Professor	M	06-08-2018	Ph.D.
258	SU957	Pooja Dhiman	Assistant Professor	F	22-09-2020	Ph.D.
259	SU962	Gun Anit Kaur	Assistant Professor	F	23-09-2020	Ph.D.


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260	SU1166	Itika Kainthla	Assistant Professor	F	03-01-2022	Ph.D.,Post Doc
261	SU999	Nitika Devi	Assistant Professor	F	19-02-2021	Ph.D.
262	SU738	Rohit Jasrotia	Assistant Professor	M	20-04-2018	Ph.D.
263	SU1225	Garima Rana	Assistant Professor	F	05-09-2022	Ph.D.
264	SU1231	Abhishek Kandwal	Assistant Professor	M	03-10-2022	Ph.D.,Post Doc
Shoolini University Centre for Distance and Online Education (SCDOE)						
265	SU1259	Sakshi Gautam	English Language Trainer	F	05-01-2023	MA in English Literature
266	SU1260	Akshita Thakur	English Language Trainer	F	05-01-2023	MA in English Language and Literature
267	SU1391	Gopali Dayal	Assistant Professor	F	01-08-2023	Ph.D
268	SU1410	Vivek Chauhan	Assistant Professor	M	08-09-2023	MBA(HR)
269	SU1435	Tanaya Thakur	Assistant Professor	F	01-02-2024	MA English.,
270	SU1414	Shikha Verma	Assistant Professor	F	08-02-2024	MBA
271	SU1258	Gaurav Sharma	Technical Manager - Production	M	04-01-2023	M.Tech. (Manufacturing Technology)
Yogananda School of AI, Computer and Data Sciences						
272	SU889	Ashish Khosla	Professor	M	24-07-2017	PGDM (Post Graduate Diploma in Management)
273	SU120	Pankaj Vaidya	Professor	M	13-08-2010	Ph.D.
274	SU091	Neeraj Gandotra	Professor	M	01-07-2010	Ph.D.
275	SU178	Gaurav Gupta	Associate Professor	M	01-07-2011	Ph.D.
276	SU1177	Ravikant	Associate Professor	M	28-02-2022	Ph.D.
277	SU890	Sonia	Associate Professor	F	06-01-2020	Ph.D.
278	SU393	Sunil Kumar Thakur	Associate Professor	M	26-09-2012	Ph.D.
279	SU265	Namita Gandotra	Associate Professor	F	01-03-2012	Ph.D.
280	SU1125	Anurag Rana	Associate Professor	M	20-09-2021	Ph.D.
281	SU437	Brijbhushan	Assistant Professor	M	20-02-2013	Ph.D.
282	SU1104	Puneet Kapoor	Assistant Professor	M	16-08-2021	M. E.
283	SU1059	Prachi Agrawal	Assistant Professor	F	14-06-2021	Ph.D.
284	SU146	Bharti Thakur	Assistant Professor -cum - System Analyst	F	09-08-2010	Ph.D.
285	SU088	Ravinder Kumar	Assistant Professor	M	29-08-2016	Ph.D.
286	SU1222	Priyanka	Assistant Professor	F	05-09-2022	Ph.D. Pursuing
287	SU1254	Arvind Sharma	Assistant Professor	M	03-01-2023	Ph.D.
288	SU1302	Anandita Garg	Assistant Professor	F	04-04-2023	M.Tech. (CSE)
289	SU1382	Kanika	Assistant Professor	F	07-08-2023	Ph.D. Pursuing
290	SU1402	Ishani Sharma	Assistant Professor	F	29-08-2023	ME (CSE)
291	SU1403	Maya Thapa	Assistant Professor	F	29-08-2023	M.Tech (CSE)
292	SU1404	Piyush Sewal	Assistant Professor	M	29-08-2023	M.Tech (CSE)
293	SU1415	Gousia Habib	Assistant Professor	M	03-10-2023	Ph.D.
294	SU1418	Ishfaq Ahmad Malik	Assistant Professor	M	03-10-2023	Ph.D.
295	SU1111	Aarchit Joshi	Assistant Professor	M	31-08-2021	M.Tech
296	SU1130	Abhishek Tomar	Assistant Professor	M	25-10-2021	M.Tech Computer Sc.


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297	SU1133	Kritika Rana	Assistant Professor	F	27-10-2021	M.Tech Computer Sc.
298	SU1255	Anitya Kumar Gupta	Assistant Professor	M	03-01-2023	M.Tech
299	SU1206	Shrawan Kumar	Assistant Professor	M	19-07-2022	M.Tech.(CSE)
300	SU433	Preeti Sharma	Assistant Professor	F	18-02-2013	M Tech.
301	SU589	Hemant Sharma	Assistant Professor- cum- System Analyst	M	01-09-2015	M Tech.
302	SU976	Rohit Khosla	Assistant Professor	M	11-12-2020	Post Graduate Diploma in Business Management
303	SU603	Maresh Kumar	Assistant Professor (System Analyst)	M	01-02-2016	M.Tech (CSE)
304	SU1261	Sapna Koul	Assistant Professor	F	09-01-2023	M.Tech., Ph.D. Pursuing
305	SU752	Subodh Saurabh Singh	Associate Professor	M	01-05-2018	Ph.D.
306	SU753	Mala Tripathi	Associate Professor	F	01-05-2018	Ph.D.
307	SU739	Anupama Chandel	Assistant Professor	F	19-02-2018	M.A. (Yoga)
308	SU1278	Divakar	Assistant Professor	M	15-02-2023	Ph.D.
309	SU1423	Apar Kaushik	Assistant Professor	M	01-10-2023	M. Sc. Ph.D. Pursuing
310	SU1017	Suman Rawat	Assistant Professor	F	01-03-2024	M.A. (Yoga)
311	SU5173	Saamdu Chetri	Director/ Professor	M	04-09-2023	Ph.D.


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Data set

Year range

Data source

Date last updated

Date exported

2850 publications

**Publications at the Shoolini University of
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2019 to 2023

Scopus

20 March 2024

2 April 2024

Title	Authors	Year	Scopus Source title
In-silico and in-vitro identification of triazole based compounds as potential EGFR inhibitors targeting lung cancer	Kumar, S. Shukla, M.K. Ali, I. Abbas, F. Verma, R. Chandra, G. Kumar, D.	2023	Molecular Simulation
In-silico design, pharmacophore-based screening, and molecular docking studies reveal that benzimidazole-1,2,3-triazole hybrids as novel EGFR inhibitors targeting lung cancer	Kumar, S. Ali, I. Abbas, F. Rana, A. Pandey, S. Gang, M. Kumar, D.	2023	Journal of Biomolecular Structure and Dynamics
Magnetic Ni-Zn ferrite anchored on g-C ₃ N ₄ as nano-photocatalyst for efficient photo-degradation of doxycycline from water	Dhiman, P. Rana, G. Alshgari, R.A. Kumar, A. Sharma, G. Naushad, M. AlOthman, Z.A.	2023	Environmental Research
18β-Glycyrrhetic Acid Ameliorates Neuroinflammation Linked Depressive Behavior Instigated by Chronic Unpredictable Mild Stress via Triggering BDNF/TrkB Signaling Pathway in 2D-2D g-C ₃ N ₅ /Bi ₂ O ₃ /Bi ₂ O ₃ S-scheme nanostructures with increased photocatalytic efficiency for crystal violet removal	Gupta, G.L. Sharma, L. Sharma, M.	2023	Neurochemical Research
3-D Printing Technology in Pharmaceutical Manufacturing	Sharma, J. Dhiman, P. Kumar, A. Dawi, E.A. Rana, G. Sharma, G.	2023	Chemical Engineering Research and Design
A Cellular Senescence-Centric Integrated Approach to Understanding Organismal Aging	Kaur, S.D. Kapoor, D.N.	2023	Pharma Times
A comparison of conventional and novel phytonutrient extraction techniques from various sources and their potential applications	Sharma, R. Diwan, B.	2023	Current Aging Science
A Comparison of Single and Multiple Jets in Terms of Aeration Efficiency	Khongthaw, B. Chauhan, P.K. Dutta, K. Kumar, V. Jhalo, J.O.	2023	Journal of Food Measurement and Characterization
A comprehensive analysis of eight rooftop grid-connected solar photovoltaic power plants with battery energy storage for enhanced energy security and grid resiliency	Puri, D. Sihag, P. Kumar, R.	2023	IOP Conference Series: Earth and Environmental Science
A comprehensive and global evaluation of residual antibiotics in agricultural soils: Accumulation, potential ecological risks, and attenuation strategies	Boruah, D. Singh Chandel, S.	2023	Solar Energy
A comprehensive review of synthesis, properties, and applications of BaFe ₂ O ₁₉ hexaferrites	Fang, L. Chen, C. Li, S. Ye, P. Shi, Y. Sharma, G. Sarkar, B. Shaheen, S.M. Lee, S.S. Xiao, R. Chen	2023	Ecotoxicology and Environmental Safety
A comprehensive review of techniques for increasing the efficiency of evacuated tube solar collectors	Kumar, S. Prakash, J. Verma, A. Jasrotia, R.	2023	Materials Today: Proceedings
A comprehensive review on artificial intelligence assisted technologies in food industry	Aggarwal, S. Kumar, R. Lee, D. Kumar, S. Singh, T.	2023	Heliyon
A Comprehensive Review on Significance and Advancements of Antimicrobial Agents in Biodegradable Food Packaging	Thapa, A. Nishad, S. Biswas, D. Roy, S.	2023	Food Bioscience
A comprehensive review on sustainable energy management systems for optimal operation of future-generation of solar microgrids	Bose, I. Roy, S. Pandey, V.K. Singh, R.	2023	Antibiotics
A comprehensive review on the integration of artificial intelligence in the field of education	Tajjour, S. Singh Chandel, S.	2023	Sustainable Energy Technologies and Assessments
A comprehensive review on the phytochemistry, pharmacological properties, and in vitro propagation of an endemic medicinal orchid, <i>Dactylorhiza hatagirea</i>	Dayal, G. Verma, P. Sehgal, S.	2023	Leveraging AI and Emotional Intelligence in Contemporary Business Organizations
A comprehensive review on the synthesis, anticancer, antibacterial and photocatalytic applications of nanoferrites	Sharma, S. Kumar, V. Seth, C.A. Sourirajan, A. El-Shazly, M. Dev, K.	2023	Naunyn-Schmiedeberg's Archives of Pharmacology
A comprehensive review on traditional applications, phytochemistry, pharmacology, and toxicology of <i>Thymus serpyllum</i>	Thakur, N. Aggarwal, V. Manna, P. Singh, N.M. Pabbathi, A. Das, J.	2023	Surfaces and Interfaces
A comprehensive review on various techniques used for synthesizing nanoparticles	Salari, D. Rolta, R. Lal, U.R. Dev, K. Kumar, V.	2023	Indian Journal of Pharmacology
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Acid Hydrolyzed Pearl Millet Starch Nanoparticles: Synthesis and Characterization	Chavan, P. Sinhar, A. Thory, R. Sharma, S. Sukhla, S. Singh, G.P. Aayush, K. Singh, J. Kumar, Honarmandrad, Z. Sun, X. Wang, Z. Naushad, M. Boczkaj, G.	2023	Starch/Staerke
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BFeO ₃ -based Z scheme photocatalytic systems: Advances, mechanism, and applications		2023	Journal of Industrial and Engineering Chemistry
Bilosomes in brain drug delivery	Kaurav, H. Kapoor, D.N. Upadhyay, N.K.	2023	Therapeutic Delivery
Bio-based food packaging materials: A sustainable and Holistic approach for cleaner environment- a review	Gururani, P. Bhatnagar, P. Dogra, P. Chandra Joshi, H. Chauhan, P.K. Viasin, M.S. Chandra	2023	Current Research in Green and Sustainable Chemistry
Biocompatible nanocarriers an emerging platform for augmenting the antiviral attributes of bioactive polyphenols: A review	Mansi, K. Kumar, R. Jindal, N. Singh, K.	2023	Journal of Drug Delivery Science and Technology
Biodegradable polymer nanocomposites for catalytic and photocatalytic applications	Pyarasi, R.D. Amalraj, J. Negi, P. Chandrasekaran, S. Kalayar, S.	2023	Biodegradable and Biocompatible Polymer Nanocomposites: Processing
Biodiversity and Functional Attributes of Rhizospheric Microbiomes: Potential Tools for Sustainable Agriculture	Kour, D. Kour, H. Khan, S.S. Khan, R.T. Bhardwaj, M. Kallou, S. Kumari, C. Rasool, S. Yadav, A.N.	2023	Current Microbiology
Bioelectricity production and bioremediation from sugarcane industry wastewater using microbial fuel cells with activated carbon cathodes	Bose, D. Bhattacharya, R. Gopinath, M. Vijay, P. Krishnakumar, B.	2023	Results in Engineering
Bioenhancer potential of Aegle marmelos (L.) Correa essential oil with antifungal drugs and its mode of action against Candida albicans	Bhattacharya, R. Sourirajan, A. Sharma, P. Kumar, A. Unadhyay, N.K. Shukla, R.K. Dev, K.	2023	Biocatalysis and Agricultural Biotechnology
Biogenic approach for synthesis of nanoparticles via plants for biomedical applications: A review	Kumari, S. Verma, R. Chauhan, A. Raja, V. Kumari, S. Kulshrestha, S.	2023	Materials Today: Proceedings
Biogenic green metal nano systems as efficient anti-cancer agents	Chaudhary, V. Sonu Chowdhury, R. Thakral, P. Pathania, D. Saklani, S. Lucky Rustagi, S.	2023	Environmental Research
Biogenic Synthesis of Iron Oxide Nanoparticles using Bergenia ligulata Rhizome Extract and their Biological Activities	Dutta, K. Theresa, U.C. Paul, M. Das, S.N. Kamran, M. Chauhan, P.K.	2023	Asian Journal of Chemistry
Biomedical potential of hydrothermally synthesized zinc oxide nanoparticles for antifungal evaluation and cytotoxicity analysis	Guleria, G. Kumar, S. Thakur, S. Sharma, D.K. Thakur, S. Kalia, S. Shandilva, M.	2023	Applied Organometallic Chemistry
Bio-oil and biochar production from Ageratum conyzoides using triple-stage hydrothermal liquefaction and utilization of biochar in removal of multiple heavy metals from water	Verma, M. Lee, I. Pandey, S. Nanda, M. Kumar, V. Chauhan, P.K. Kumar, S. Viasin, M.S. Kim, H.	2023	Chemosphere
Bioremediation and bioelectricity from Himalayan rock soil in sediment-microbial fuel cell using carbon rich substrates	Bhattacharya, R. Bose, D. Yadav, J. Sharma, B. Sandil, E. Patel, A. Mukherjee, A. Ashutosh Singh, Mandal, S. Anand, U. Lopez-Bucio, J. Radha	2023	Fuel
Biostimulants and environmental stress mitigation in crops: A novel and emerging approach for agricultural sustainability under climate change	Kumar, M. Lal, M.K. Tiwari, R.K. Dev, A.	2023	Environmental Research
Bio-synthesis of Lead Oxide Nanoparticles Using Chinese Mahogany Plant Extract (CMPE/LO) for Photocatalytic and Antimicrobial Activities	Thakur, M. Sharma, A. Kumar, A. Gautam, M. Kumari, S.	2023	BioNanoScience
Bio-synthesized ZnO NPs using cow urine in vitro & in vivo efficacy against late blight pathogen	Sharma, S. Thakur, S. Kumari, P. Chandel, S. Shandilva, M.	2023	Inorganic and Nano-Metal Chemistry
Biotechnological and endophytic-mediated production of centellosides in Centella asiatica	Mandal, S. Das, T. Nandy, S. Ghorai, M. Saha, S.C. Gopalakrishnan, A.V. Kumar, M. Radha	2023	Applied Microbiology and Biotechnology
Biotechnological Interventions for Reducing the Juvenility in Perennials	Manchanda, P. Kaur, M. Sharma, S. Sidhu, G.S.	2023	Horticulturae
Bio-waste mediated synthesis of zirconium nanoparticle fuel: Energy management strategy for performance evaluation in a diesel engine	Anish, M. Jayaprakash, J. Kumar, T.A. Jayaprakash, V. Bency, P. SahayaSusmi, S.K. Arthy, Suri, G. Svitlenko, H. Guleria, A. Gandotra, N.	2023	Environmental Research
Biparametric Q Rung Orthopair Fuzzy Entropy Measure for Multi Criteria Decision Making Problem	Saini, N. Salabun, W.	2023	Information (Switzerland)
Bi-rich BioOxBrz-based photocatalysts for energy conversion and environmental remediation: A review	Chawla, A. Sudhaik, A. Sonu Raizada, P. Ahmad, T. Le, Q.V. Nguyen, V.-H. Thakur, S. Mishra, A.K.	2023	Coordination Chemistry Reviews
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Breaking the silence: The role of extracellular vesicles in unraveling the diagnosis and treatment of endometriosis	Utkarsh, K. Srivastava, N. Papayannakos, C. Nawar, A. Khan, A. Hattue, S.	2023	Extracellular Vesicles and Circulating Nucleic Acids
Bridged-U-Net-ASPP-EVO and Deep Learning Optimization for Brain Tumor Segmentation	Yousef, R. Khan, S. Gupta, G. Albalhal, B.M. Alalain, S.A. Ali, A.	2023	Diagnostics
Brief review on carbon derivatives based ternary metal oxide composite electrode materials for lithium-ion batteries	Pavitra, V. Soni, I. Praveen, B.M. Nagaraju, G.	2023	Journal of Electrochemical Science and Engineering
Call for the responsible artificial intelligence in the healthcare	Upadhyay, U. Gradisek, A. Iqbal, U. Dhar, E. Li, Y.-C. Syed-Abdul, S.	2023	BMJ Health and Care Informatics
Cancer treatment and toxicity outlook of nanoparticles	Neetika Sharma, M. Thakur, P. Gaur, P. Rani, G.M. Rustagi, S. Talreja, R.K. Chaudhary, V.	2023	Environmental Research
Capability characterization of pectin-amidoxime-Fe composites for fluoride removal in real conditions and column studies for practical use	Sharma, P. Sen, K. Singh, P. Kumar, A. Chauhan, K.	2023	International Journal of Environmental Science and Technology
Carbon based adsorbents as efficient tools for the removal of U(VI) from aqueous medium: A state of the art review	Fahad, S.A. Nawab, M.S. Shaida, M.A. Verma, S. Khan, M.U. Siddiqui, V. Naushad, M. Saleem, L.	2023	Journal of Water Process Engineering
Carbon nanotubes for rejuvenation of heavily contaminated environments	Chauhan, A. Barsola, B. Sharma, S. Sharma, A. Pandey, S. Azizov, S. Kumar, D.	2023	Nanobiotechnology for Bioremediation: Fundamentals and Mechanisms
Carboxymethyl cellulose based sustainable hydrogel for colon-specific delivery of gentamicin	Verma, A. Sharma, B. Kalia, S. Alsanie, W.F. Thakur, S. Thakur, V.K.	2023	International Journal of Biological Macromolecules
Catalytic adsorptive elimination of deleterious contaminant in a pilot fluidised-bed reactor by granulated Fe ₃ O ₄ /Cu-MOF/cellulose nanocomposites: RSM optimisation and CFD approach	Ebrahimi Farshchi, M. Aghdasinia, H. Rostamnia, S. Sillanpää, M.	2023	International Journal of Environmental Analytical Chemistry
CBVD grown HFO ₂ on TiN for high-precision MIM capacitor	Rani, R. Maudez, W. Sayal, R. Rai, R. Kumar, S. Shamim, M.K. Walther, E. Sharma, S. Benvenuti, G.	2023	Physica B: Condensed Matter
Cellular and molecular basis of therapeutic approaches to breast cancer	El-Tanani, M. Al Khatib, A.O. Al-Najjar, B.O. Shaikya, A.K. El-Tanani, Y. Lee, Y.-F. Serrano-Aroca, J.	2023	Cellular Signalling
Challenges in the operational performance of six 15-19kWp photovoltaic mini-grid power plants in the Jharkhand State of India	Boruah, D. Chandel, S.S.	2023	Energy for Sustainable Development
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Characterisation of ternary blend film of alginate/carboxymethyl cellulose/starch for packaging applications	Ramakrishnan, R. Kulandhaivelu, S.V. Roy, S. Viswanathan, V.P.	2023	Industrial Crops and Products
Characterization of sugarcane mutants developed through gamma irradiations for their lignin content and caffeic acid-O-methyltransferase (COMT) gene mutations	Sharma, S. Malhotra, P.K. Goyal, M. Sharma, V. Mittal, A. Yadav, I.S. Santhara, G.S. Chhugela, P.	2023	International Journal of Radiation Biology
Chemical Diversity and Medicinal Potential of Vitex negundo L.: From Traditional Knowledge to Modern Clinical Trials	Sharma, D. Radha Kumar, M. Andrade-Cetto, A. Puri, S. Kumar, A. Thakur, M. Chandran, D.	2023	Chemistry and Biodiversity
Chitosan-Carbon nanotube Composite: An approach for controlled release of Quercetin, Modified with carboxymethyl Cellulose, for potential Anti-Cancer therapy	Rezaei Abbas Abad, F. Pourmadadi, M. Abdouss, M. Behzadmehr, R. Rahdar, A. Pandey, S.	2023	Inorganic Chemistry Communications

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Chitosan-coated ZnO nanocomposites of Lantana camara and Rhamnus triquetra for effective antimicrobial activity	Altabbaa, S. Kumari, A. Sharma, R. Parashar, A. Thakur, N.	2023	South African Journal of Botany
Chitosan-PEI passivated carbon dots for plasmid DNA and miRNA-153 delivery in cancer cells	Thakur, S. Saini, R.V. Thakur, N. Sharma, R. Das, J. Stama, P. Tuli, H.S. Haque, S. Niyazi, H.A.	2023	Heliyon
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Circulating and non-circulating proteins and nucleic acids as biomarkers and therapeutic molecules in ovarian cancer	Utkarsh, K. Kumar, A. Aditi Khan, A. Nayyar, A. Haque, S. Iqbal, S.	2023	Genes and Diseases
Circulatory RNA based non-invasive detection and diagnosis of breast cancer	Barsola, B. Kumari, P. Saklani, S. Pathania, D.	2023	Materials Today: Proceedings
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Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff base ligands: synthesis, characterization, DFT, in vitro antimicrobial activity and molecular docking studies	Kumar, S. Devi, J. Dubey, A. Kumar, D. Jindal, D.K. Asija, S. Sharma, A.	2023	Research on Chemical Intermediates
Co+2, Ni+2 and Cu+2 incorporated Bi2O3 nano photocatalysts: Synthesis, DFT analysis of band gap modification, adsorption and photodegradation analysis of rhodamine B and Co+2, Ni+2, Cu+2 doped Indium oxide as visible active nano-photocatalyst: A facile solution combustion synthesis, electronic band structure analysis by DFT approach and photocatalytic	Sharma, A. Sharma, S. Kumar, N. Diery, W.A. Moujaes, E.A. Tahir, M. Singh, P.	2023	Environmental Research
CO2-philic adsorbents: an overview	Sharma, A. Kumar, N. Diery, W.A. Moujaes, E.A. Mittal, A. Singh, P. Sharma, S.	2023	Journal of Molecular Liquids
Cobalt-zinc nanoferrite for synergistic photocatalytic and peroxymonosulfate-assisted degradation of sulfosalicylic acid	Gupta, S. Sharma, S. Sharma, P. Nadda, A.K. Raizada, P. Singh, P.	2023	CO2-Philic Polymers, Nanocomposites and Solvents: Capture, Conversion and
Colloidal gas aphrons for biotechnology applications: a mini review	Dhiman, P. Kumar, A. Rana, G. Sharma, G.	2023	Journal of Materials Science
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Combustion and Stubble Burning: A Major Concern for the Environment and Human Health	Kumar, M. Barbhai, M.D. Puranik, S. Radha Natta, S. Senanathi, M. Dhimal, S. Singh, S. Kumar, S. Chanana, I. Sharma, A. Kumar, P. Kumar, L. Kulshreshtha, S. Kumar, S. Patel, S.K.S.	2023	TrAC - Trends in Analytical Chemistry
Commercialization and technology transfers of bioprocess	Seth, A. Banyaal, A. Kumar, P.	2023	Fire
Comparative Antimicrobial and Antioxidant potential of leaf extracts of Aegle marmelos from different regions of Himachal Pradesh	Thakur, G. Kumar, V. Sourirajan, A. Dev, K.	2023	Basic Biotechniques for Bioprocess and Bioentrepreneurship
Comparative Review of Different Adsorption Techniques Used in Heavy Metals Removal in Water	Maftouh, A. El Fatni, O. El Hajjaji, S. Jawish, M.W. Sillanpää, M.	2023	Research Journal of Pharmacy and Technology
Comparative studies of structural, impedance and magnetic behavior of cobalt ferrite modified barium calcium titanate particulate composites	Mishra, M. Thakur, S. Thakur, S. Shandilya, M. Rai, R.	2023	Biointerface Research in Applied Chemistry
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Comprehensive genome-wide identification and transferability of chromosome-specific highly variable microsatellite markers from citrus species	Singh, J. Sharma, A. Sharma, V. Gaikwad, P.N. Sidhu, G.S. Kaur, G. Kaur, N. Jindal, T. Chhuneja, Priyanka Kumar, S. Kumar, A. Gupta, N.K. Alam, T. Rathav, G. Shaik, S. Saleel, C.A.	2023	Journal of Environmental Chemical Engineering
Computational study of heat transfer and fluid flow in a solar trough collector with a ribbed surface and an MWCNT-Al2O3/water-based hybrid nanofluid	Kumari, P. Deeksha Nanda, D. Thakur, S. Kumar, S. Singh, A. Rai, R.	2023	Scientific Reports
Conductivity and structural analysis of perovskite-like BiAlO3 doped (K0.44Na0.52Li0.4)Nb0.88Ta0.1Sb0.04O3 based perovskites system	Sharma, K. Sudhaik, A. Raizada, P. Thakur, P. Pham, X.M. Van Le, Q. Nguyen, V.-H. Ahmadi, T. Wang, T. Kumar, A. Wang, X. Zhang, D. Zheng, Y. Wang, G. Cui, Q. Cai, J. Zhen, J.	2023	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of
Constraints on anomalous Higgs boson couplings to vector bosons and fermions from the production of Higgs bosons using the tt final state	Kumar, P. Deeksha Nanda, D. Thakur, S. Kumar, S. Singh, A. Rai, R.	2023	Ferroelectrics
Constructing α-Fe2O3/g-C3N4/SiO2 S-scheme-based heterostructure for photo-Fenton like degradation of rhodamine B dye in aqueous solution	Tumasyan, A. et al.	2023	Physical Review D
Construction of activated biochar/Bi2WO6 and Bi2HfO6 composites to enhance adsorption and photocatalysis performance for efficient application in the removal of pollutants and	Sharma, K. Sudhaik, A. Raizada, P. Thakur, P. Pham, X.M. Van Le, Q. Nguyen, V.-H. Ahmadi, T. Wang, T. Kumar, A. Wang, X. Zhang, D. Zheng, Y. Wang, G. Cui, Q. Cai, J. Zhen, J.	2023	Environmental Science and Pollution Research
Construction of magnetically separable novel arrow down dual S-scheme ZnIn2S4/BiOCl/FeVO4 heterojunction for improved photocatalytic activity	Kumar, P. Deeksha Nanda, D. Thakur, S. Kumar, S. Singh, A. Rai, R.	2023	Environmental Science and Pollution Research
Consumer Decision-Making Rules for FMCG Products—Study of Rural in North India	Kumar, P. Deeksha Nanda, D. Thakur, S. Kumar, S. Singh, A. Rai, R.	2023	Journal of Photochemistry and Photobiology A: Chemistry
Convective heat transfer enhancement using impingement jets in channels and tubes: A comprehensive review	Verma, S. Rojhe, K.C. Horska, E. Sharma, S. Sedik, P.	2023	Economies
Conventional and Advanced Irrigation Scheduling Techniques to Mitigate Drought	Kumar, R. Nadda, R. Kumar, S. Saboor, S. Ahamed Saleel, C. Abbas, M. Afzal, A. Linul, E.	2023	Alexandria Engineering Journal
Copper-based nanoparticles for biopolymer-based functional films in food packaging applications	Kumar, N. Poddar, A. Kumar, R. Shankar, V.	2023	Integrated Drought Management, Volume 2: Forecasting, Monitoring, and Managing
Correction to: Efficient Synthesis of Dihydropyrimidines Using a Highly Ordered Mesoporous Functionalized Pyridinium Oxiranosilica Catalysts. (2022). 12, 3, (350).	Zhang, W. Roy, S. Rhim, J.-W.	2023	Comprehensive Reviews in Food Science and Food Safety
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Correction: Wastewater Management Using Coagulation and Surface Adsorption through Different Polyferrics in the Presence of TiO2-ε-PMAA Particles (Water). (2022). 15, 1, (145).	Alsharif, A. Aggarwal, K. Sonia Kumar, M. Mishra, A.	2023	Archives of Computational Methods in Engineering
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Correlation of biological activities of bark and leaves of Terminalia arjuna collected from different geographical regions of Himachal Pradesh, India	Kharga, K. Dhar, I. Kashyap, S. Sengupta, S. Kumar, D. Kumar, L.	2023	World Journal of Microbiology and Biotechnology
Corrigendum to "Investigation of microstructural and magnetic properties of Ca2+ doped strontium hexaferrite nanoparticles" J. King Saud Univ. - Sci. 34(4). (2022) 101963 Journal of Corrigendum to "Nickel ions modified Co-Mg nanophotocatalysts for solar light-driven degradation of antimicrobial pharmaceutical effluents" J. Water Process Eng., June 2022, 47.	Kumar, V. Sharma, N. Sourirajan, A. Khosla, P.K. Dev, K.	2023	Biochemical Systematics and Ecology
Corrigendum to "The role of renewable energy and natural resources for sustainable agriculture in ASEAN countries: Do carbon emissions and deforestation affect agriculture	Godara, S.K. Kaur, M.P. Kaur, V. Malhi, P.S. Singh, M. Verma, S. Jasrotia, R. Ahmed, J. Tamboli, M.S. Jasrotia, R. Verma, A. Verma, R. Kumar, S. Ahmed, J. Krishan, B. Kumari, S. Tamboli, A.M. Chopra, R. Magazzino, C. Shah, M.I. Sharma, G.D. Rao, A. Shahzad, U.	2023	Journal of King Saud University - Science
Cottonseed Oil: Extraction, Characterization, Health Benefits, Safety Profile, and Application	Kumar, M. Zhang, B. Potkute, J. Sharma, K. Radha Hano, C. Sheri, V. Chandran, D. Dhimal, Soni, V. Patil, S. Kumar, A. Singh, P. Kumar, V. Ahmadi, T. Van Le, Q. Luque, R. Raizada, P.	2023	Journal of Water Process Engineering
Covalent organic frameworks (COFs) core@shell nanohybrids: Novel nanomaterial support towards environmental sustainability applications	Varma, K.	2023	Resources Policy
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CRISPR/Cas systems and techniques	Abdullah, H. Shuwanto, H. Lie, J. Silanpää, M.	2023	Environmental Research
Critical parameters and essential strategies in designing photoanodes to overcome the sluggish water oxidation reaction	Zhang, W. Roy, S. Assadpour, E. Cong, X. Jafari, S.M.	2023	The Routledge Encyclopedia of Indian Writing in English
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Crystal structure, synthesis, properties and potential applications of cobalt spinel ferrite: A brief review	Katoch, G. Himanshi Jasrotia, R. Prakash, J. Verma, A. Kandwal, A. Godara, S.K. Verma, R. Bhat, A.A. Thapa, R. Goyal, A. Subramanian, V. Kumar, D. Gupta, S. Singh, S.K. Dua, K. Gupta, G.	2023	Materials Today: Proceedings
Curcumin-based nanoformulations as an emerging therapeutic strategy for inflammatory lung diseases	Rani, V. Verma, M.L.	2023	Future Medicinal Chemistry
Current Advancement in Disposable Sensors for Industrial Applications	Eshlemogile, S.O. Ighalo, J.O. Adekanbi, M. Banji, T. Eshlemogile, S.A. Okoh, R. Igwebe, C.A.	2023	ACS Symposium Series
Current Effect and Projected Implications of Climate Change on Nigeria's Sustainable Development Plan	Kaur, S.D. Singh, A.D. Kapoor, D.N.	2023	Springer Climate
Current perspectives on Vaxinia virus: an immuno-oncolytic vector in cancer therapy	Sharma, P. Kumar, A. Zheng, G. Mashifana, T. Dhiman, P. Sharma, G. Stadler, F.J.	2023	Medical Oncology
Current scenario in ternary metal indium sulfides-based heterojunctions for photocatalytic energy and environmental applications: A review	Varma, K.	2023	Materials Today Communications
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DDPM: A Dengue Disease Prediction and Diagnosis Model Using Sentiment Analysis and Machine Learning Algorithms	Chirag, N. Kshiti, K. Gupta, G.	2023	Diagnostics
Decentralized Network for Cloud Storage	Puri, D. Lee, D. Khanat, D.V. Thakur, M.S. Alfaisal, F.M. Alam, S. Kumar, R. Khan, M.A.	2023	2nd Edition of IEEE Delhi Section Owned Conference, DELCON 2023 - Proceedings
Decision Tree-Based Modeling of the Aeration Effectiveness of Circular Plunging Jets	Huang, Y. Roy, N. Dhar, E. Upadhyay, U. Kabir, M.A. Uddin, M. Tseng, C.-L. Syed-Abdul, S.	2023	ACS Omega
Deep Learning Prediction Model for Patient Survival Outcomes in Palliative Care Using Actigraphy Data and Clinical Information	Zahra, S.R. Saleem, T.J. Sonia	2023	Cancers
Demystifying Cyber terrorism: Causes, Costs & its impact on individuals' psyche and public confidence	Ahluwalia, C. Bali, P.	2023	2023 International Conference on Recent Advances in Electrical, Electronics and Handbook of Research on Deconstructing Culture and Communication in the Global
Demystifying mythology: Deconstructing the Indian myth through modern mythic fiction	Williams, M.	2023	The Routledge Encyclopedia of Indian Writing In English
DEROZIO, HENRY LOUIS VIVIAN (1809-1831)	Williams, M.	2023	The Routledge Encyclopedia of Indian Writing In English
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Design and performance optimization of solar water heating system with perforated obstacle using hybrid multi-criteria decision-making approach	Khargotra, R. Kumar, R. Sharma, A. Singh, T.	2023	Journal of Energy Storage
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Design of Porous Carbon-Based Electro-Catalyst for Hydrogen Generation	Kamlesh Prakash, S. Tavar, D. Raizda, P. Singh, P. Mudgal, M. Srivastava, A.K. Singh, A.	2023	Materials Horizons: From Nature to Nanomaterials
Designing Highly Sensitive Microwave Antenna Sensor with Novel Model for Noninvasive Glucose Measurements	Kandwal, A. Liu, L.W.Y. Li, J. Liu, Y. Tang, H. Ju, Z. Li, T. Jasrotia, R. Nie, Z.	2023	Progress in Electromagnetics Research
Designing of smart nanogels based on tragacanth gum for cisplatin delivery	Verma, C. Pathania, D. Negi, P. Gupta, P.K. Verma, R.S. Gupta, B.	2023	Polymer International
Determinants of Crop Diversification: A Case Study of Farm Households in Himachal Pradesh	Shibani Mehta, G. Samriti	2023	Indian Journal of Economics and Development
Development and evaluation of hydrogel formulation comprising essential oil of <i>Mentha longifolia</i> L. for oral candidiasis	Nidhi, P. Dev, K. Negi, P. Sourirajan, A.	2023	Advances in Traditional Medicine
Development of a novel solar PV module model for reliable power prediction under real outdoor conditions	Kumar, M. Malik, P. Chandel, R. Chandel, S.S.	2023	Renewable Energy
Development of a zinc chloride-based chemo-mechanical system for potential minimally invasive dental caries removal system	Wu, Y.-T. Lu, P.-W. Lin, C.-A. Chang, L.-Y. Jaihao, C. Peng, T.-Y. Lee, W.-F. Teng, N.-C. Lee, S.-Y. Rana, D.S. Sharma, R. Gupta, N. Sharma, V. Thakur, S. Singh, D.	2023	Journal of Dental Sciences
Development of metal free carbon catalyst derived from <i>Parthenium hysterophorus</i> for the electrochemical detection of dopamine	Bisht, B. Verma, M. Sharma, R. Chauhan, P.K. Pant, K. Kim, H. Vlasikin, M.S. Kumar, V.	2023	Environmental Research
Development of yeast and microalgae consortium biofilm growth system for biofuel production	Shah, S.P. Sah, K.K. Bansal, A. Sharma, A. Kaushik, L. Das, R.	2023	Heliyon
Diagnosis and management of hypertension understanding imperative role of various biomarkers	Thakur, Y. Grover, A. Sinha, R.	2023	Journal of Medical Pharmaceutical and Allied Sciences
Differential distribution of macroinvertebrate associated with water quality	Thakur, S. Sharma, A.K. Thakur, K. Sharma, S. Gudeta, K. Hashem, A. Avila-Ouezada, G.D. Devi, P. Kizielewicz, B. Guleria, A. Shekhovtsov, A. Gandotra, N. Salni, N. Salabun, W.	2023	World Water Policy
Differential Responses to Integrated Nutrient Management of Cabbage-Capsicum-Radish Cropping Sequence with Fertilizers and Plant-Growth-Promoting Rhizobacteria	Kumar, C. Chandan, G. Kushwaha, M. Kumar, A. Kaur, S. Kumar, A. Yadav, G. Galrola, S. Pothiraj, C. Jyoti, D. Ramya, S. Jayakumararaj, R. Grover, A. Sinha, R. Avasthi, P. Faddio, C. Anuja, R. Narayanan, S.P. Sathumithra, S. Thomas, A.P. Julka, J.M.	2023	Agronomy
Dimensionality reduction technique under picture fuzzy environment and its application in decision making	Bhatia, N. Kumari, A. Chauhan, N. Thakur, N. Sharma, R.	2023	International Journal of Knowledge-Based and Intelligent Engineering Systems
Discovery of Anti-NLRP3 Inflammasome, Immunomodulatory Phytochemicals from the Extract of <i>Habenaria intermedia</i> D. Don: An Unexplored Plant Species	Sharma, H.K.	2023	ACS Omega
Disease Management and Prophylaxis by Immunostimulants	Gudeta, K. Kumar, V. Bhagat, A. Julka, J.M. Bhat, S.A. Ameen, F. Qadri, H. Singh, S. Amarowicz, R. Maftouh, A. El Fatni, O. Bouzekri, S. Rajabi, F. Sillanpää, M. Butt, M.H.	2023	Immunomodulators in Aquaculture and Fish Health
Diversity of Earthworms in Different Land Use Systems of Kottayam District, Kerala, India	Kumar, A. Tapwal, A. Kumar, D. Yadav, R.	2023	Proceedings of the National Academy of Sciences India Section B - Biological
Duch'sneia indica plant extract mediated synthesis of copper oxide nanomaterials for antimicrobial activity and free-radical scavenging assay	Mehta, V. Nagu, P. Parashar, A. Chaudhary, M.	2023	Biocatalysis and Agricultural Biotechnology
DUTT, TORU (1856-1877)	Singh, A. Sarkar, S. Bishnoi, U. Kundu, T. Nanda, R. Robertson, A. Mor, M.	2023	The Routledge Encyclopedia of Indian Writing In English
Ecological adaptation of earthworms for coping with plant polyphenols, heavy metals, and microplastics in the soil: A review	Priyanka Kumar, S. Kumar, A.	2023	Heliyon
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Ectomycorrhizas of <i>Rhizopogon himalayensis</i> on <i>Cedrus deodara</i>	Jasrotia, R. Kumari, N. Verma, R. Suman Godara, S.K. Ahmed, J. Alshehri, S.M. Pandit, B. Kumar, Puniya, R. Bazaya, B.R. Kumar, A. Sharma, B.C. Nesar, N.A. Bocharva, R.S. Dwivedi, M.C. Sharma, Theuri, S. Gurung, K. Puhakka, V. Anjan, D. Sillanpää, M.	2023	Journal of Basic Microbiology
Effect of hydroalcoholic leaf extract of <i>Cassia fistula</i> L. on type II collagen-induced arthritis in rats	Pandit, D. Singh, A.K. Singh, S.K. Singh, V.B.	2023	Asian Pacific Journal of Tropical Biomedicine
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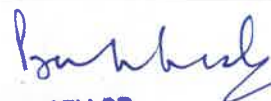

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Effect of Zn ²⁺ -Zr ⁴⁺ co-substitution on structural, magnetic and dielectric properties of Ba _{0.5} Ca _{0.5} Zn _{0.5} Zr _{0.5} Fe ₁₂ -2xO ₁₉ hexaferrite	Godara, S.K. Meena, S.S. Jasrotia, R. Prakash, J. Verma, A. Singh, R. Srivastava, A.K. Singh, M.	2023	Journal of Materials Science: Materials in Electronics
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Effects of dust on the performance of solar panels – a review update from 2015–2020	Saini, R.K. Saini, D.K. Gupta, R. Verma, P. Dwivedi, R.P. Kumar, A. Chauhan, D. Kumar, S.	2023	Energy and Environment
Effects of Financial Literacy on Financial Inclusion: Evidence from Nepal's Gandaki Province	Ranabhat, D. Verma, N. Sapkota, P. Chhetri, S.D.	2023	Lecture Notes in Networks and Systems
Effects of functionalized magnetic graphene oxide on the visible-light-induced photocatalytic activity of perovskite-type TiO ₃ (M= Zn and Mn) for the degradation of Rhodamine B	Mardirosi, A. Mahjoub, A.R. Khavar, A.H.C. Boukherroub, R. Sillanpää, M. Kaur, P.	2023	Journal of Molecular Structure
Effects of Gaseous Pollutants on Medicinal Plants	Sharma, N. Radha Prakash, S. Pundir, A. Puri, S.	2023	Medicinal Plants: Their Response to Abiotic Stress
Efficacy and physical modes of EBI and strobilurin fungicides in managing French bean rust (Uromyces appendiculatus)	Singh, G. Devi, B. Gupta, S.K. Prasad, P.	2023	Indian Phytopathology
Efficacy of polymeric nanofibrous membranes for proficient wastewater treatment	Kumar, S. Shandilya, M. Uniyal, P. Thakur, S. Parihar, N.	2023	Polymer Bulletin
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Efficient photodegradation of fast sulphon black and crystal violet dyes from water systems using locust bean gum (LBG)-encapsulated zirconium-based nanoparticles and antibacterial	Sharma, A. Thakur, M. Kumar, A. Gautam, M. Kumari, S. Pathania, D. Sharma, A.	2023	Nanotechnology for Environmental Engineering
Electrochemical behavior, antimicrobial activities, and effect of temperature on micellization of imidazolium monomeric surfactants	Sharma, V. Getahun, T. Singh, M. Kaur, J. Thakur, N. Kishore, K.	2023	Turkish Journal of Chemistry
Electrochemical detection of dopamine by using nickel supported carbon nanofibers modified screen printed electrode	Sharma, V. Singh, P. Kumar, A. Gupta, N.	2023	Diamond and Related Materials
Electro-deionization (EDI) technology for enhanced water treatment and desalination: A review	Khan, Z.U. Moronshing, M. Shestakova, M. Al-Othman, A. Sillanpää, M. Zhan, Z. Song, B. Lei, Y.	2023	Desalination
Electromagnetic Band Gap Antenna with E-Shaped Defected Ground Structure for Communication Systems	Thakur, S. Liu, L.W.Y. Himanshi Jasrotia, R. Kumar, P. Kandwal, A.	2023	Progress In Electromagnetics Research C
Electromagnetic Wave Sensors for Noninvasive Blood Glucose Monitoring: Review and Recent Developments	Kandwal, A. Liu, L.W.Y. Jamal Deen, M. Jasrotia, R. Kanavalia, B.K. Nie, Z.	2023	IEEE Transactions on Instrumentation and Measurement
Electrospun Y ₃₊ -modified BaFe ₁₂ O ₁₉ hexaferrite-based nano-fibers with enhanced magnetic behavior for magnetic memory devices and permanent magnets	Sharma, I. Thakur, N. Mahajan, M. Jasrotia, R. Anand, G. Neffati, R. Dahshan, A. Elsaedy, H.I. Balkrishna, A. Rohela, A. Kumar, A. Mishra, S. Arya, V. Kala, V. Thakur, N. Thakur, N. Kumari, A. Banyal, R. Khan, A.A.P. Sudhaik, A. Sonu Raizada, P. Khan, A. Singh, P. Rub, M.A. Azum, N. Alotaibi, Mahant, S. Sharma, A.K. Gandhi, H. Wadhwa, R. Dua, K. Kapoor, D.N.	2023	Journal of Materials Science: Materials in Electronics
Elucidating the Role of Plant Extracts Mediated Gold Nanoparticles as Smart Antimicrobials: Two-Way Attack		2023	Journal of Nanomaterials
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Emotional Intelligence and conflict resolution in the workplace	Sharma, P. Dhanta, R. Sharma, A.	2023	Leveraging AI and Emotional Intelligence in Contemporary Business Organizations
Enablers and inhibitors of cloud computing adoption in Indian small and medium sized enterprises	Kumar, D. Samalia, H.V.	2023	International Journal of Entrepreneurship and Small Business
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Enhanced Efficacy of Carvedilol by Utilization of Solid Dispersion and Other Novel Strategies: A Review	Rao, L. Bhardwaj, B.Y. Chugh, M. Sharma, A. Shah, R. Minocha, N. Pandey, P.	2023	Cardiovascular & hematological disorders drug targets
Enhancement in the dielectric and ferroelectric behaviour by interface between the electrode and grain bulk boundaries of Ca, Zr-doped Barium Titanate	Anit Kaur, G. Kumar, S. Sharma, V. Kainthia, I. Thakur, S. Thakur, S. Rai, R. Shandilya, M.	2023	Inorganic Chemistry Communications
Enhancement strategies for ZnSe based photocatalysts: Application to environmental remediation and energy conversion	Chauhan, A. Sudhaik, A. Raizada, P. Khan, A.A.P. Singh, A. Le, Q.V. Nguyen, V.-H. Ahmad, T. Thapa, A. Singh, K.	2023	Process Safety and Environmental Protection
Environmental Policy Influencing the Contribution of Non-Timber Forest Products to Rural Livelihoods: Case Studies from Himachal Pradesh, India		2023	IOP Conference Series: Earth and Environmental Science
Era connecting nanotechnology with agricultural sustainability: Issues and challenges	Altabbas, S. Mann, N.A. Chauhan, N. Utkarsh, K. Thakur, N. Mahmoud, G.A.-E.	2023	Nanotechnology for Environmental Engineering
Essential oil and nanocarrier-based formulations approaches for vaginal candidiasis	Negi, P. Singh, A. Pundir, S. Parashar, A. Unadthay, N. Agarwal, S. Chauhan, R. Tambuwala, A.	2023	Therapeutic Delivery
Essential Oil-Added Chitosan/Gelatin-Based Active Packaging Film: A Comparative Study	Roy, S. Min, S.-J. Rhim, J.-W.	2023	Journal of Composites Science
Ethnopharmacology, pharmacotherapeutics, biomedical and toxicological profile of Morus alba L.: A comprehensive review	Dadhwal, R. Banerjee, R.	2023	South African Journal of Botany
Evaluation of an empirical equation to compute the nonlinearity parameter of a root water uptake model	Kumar, N. Poddar, A. Shankar, V.	2023	Irrigation and Drainage
Evaluation of discharge coefficients for bottom rack flow under constant and variable specific energy	Qjha, C.S.P. Shankar, V. Kumar, N. Chauhan, N.S.	2023	ISH Journal of Hydraulic Engineering
Evaluation of growth hormones application on Cassia tora L. seedlings to alleviate drought stress	Pathania, H. Chauhan, P. Sharma, M.	2023	Materials Today: Proceedings
Evaluation of Meat Safety Practices and Hygiene among Different Butcherries and Supermarkets in Vhembe District, Limpopo Province, South Africa	Situma, B.J. Kgatla, E.T. Nethathe, B. Ramashia, S.E.	2023	International Journal of Environmental Research and Public Health
Evaluation of Processing Quality Attributes of Potato (Solanum Spp.) Genotypes Grown in Mid-Hills of Himachal Pradesh	Rachappanavar, V. Kumar, M. Kumar, V. Patil, V. Sharma, V.	2023	Potato Research
Evaluation of the acute basic biological effects of herbal formulation to control obesity: a preliminary study	Kumar, M. Kaushik, D. Kaushik, R. Khan, A. Billeci, L. Oz, E. Proestos, C. Brennan, C. Ahmad, Rana, K. Gupta, G. Vaidya, P. Tomar, A. Kumar, N.	2023	International Journal of Food Science and Technology
Evolution of Autonomous Vehicle: An Artificial Intelligence Perspective		2023	Lecture Notes in Electrical Engineering
Exergetic efficiency analysis of impingement jets integrated with internal conical ring roughened solar heat collector	Kumar, A. Kumar, N. Kumar, S. Maithani, R.	2023	Experimental Heat Transfer
Experimental analysis of heat exchanger using perforated conical rings, twisted tape inserts and CuO/H ₂ O nanofluids	Kumar, A. Ali, M.A. Maithani, R. Kumar Gupta, N. Sharma, S. Kumar, S. Sharma, L. Thakur, R. Alam, Chandel, R. Dwivedi, R.P. Prasad, D. Chandel, S.S. Ayoob, R. Malik, H.	2023	Case Studies in Thermal Engineering
Experimental Investigation of Photovoltaic-Integrated Thermoelectric Cooling System for Enhancing Power Generation under Real Outdoor Conditions	Sharma, S. Fatima, A. Manhas, F.M. Agarwal, N. Singh, M. Muthu, S. Siddiqui, N. Javed, S.	2023	2023 IEEE Conference on Energy Conversion, CENCON 2023
Experimental Spectroscopic, Quantum Chemical, Molecular Docking, and Molecular Dynamic Simulation Studies on Hydantoin (Monomer and Dimer)	Poonam Sharma, R. Sharma, P. Sharma, N.C. Kumar, K. Singh, K.N. Bhardwaj, V. Negi, N. Kumar, N. Kumar, M. Chaudhary, N. Zhang, B. Radha Chandran, D. Joshi, S. Singh, D. Dev, A. Alsharef, A. Sonia Nassour, H. Sharma, J.	2023	Polycyclic Aromatic Compounds
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Exploring the potential of Moringa oleifera Lam in skin disorders and cosmetics: nutritional analysis, phytochemistry, geographical distribution, ethnomedicinal uses, dermatological	Garg, P. Pundir, S. Ali, A. Panja, S. Chellappan, D.K. Dua, K. Kulshrestha, S. Negi, P.	2023	Naunyn-Schmiedeberg's Archives of Pharmacology
Exploring the therapeutic potential of naturally occurring piceatannol in non-communicable diseases	Gandhi, H. Mahant, S. Sharma, A.K. Kumar, D. Dua, K. Chellappan, D.K. Singh, S.K. Gupta, G.	2023	BioFactors
Fabricating cattle dung-derived nitrogen-doped biochar supported oxygen-deficient ZnO and Cu ₂ O-based novel Z-scheme photocatalytic system for aqueous Doxycycline	Soni, V. Sonu Singh, P. Thakur, S. Thakur, P. Ahmad, T. Nruven, V.-H. Van Le, Q. Hussain, Thakur, P.R. Sharma, S. Kumar, A. Sharma, G.	2023	Journal of Environmental Chemical Engineering
Fabrication of a Z-scheme Zn ₃ V ₂ O ₈ /g-C ₃ N ₄ nano-heterojunction with high interfacial charge transfer for superior photocatalytic removal of diazinon pesticide under visible light	Ghfar, A.A. Naushad, M. Stadler, F.J.	2023	Applied Nanoscience (Switzerland)
Fabrication of magnetic heterocomposite of graphene supported CoFe ₂ O ₄ /BiVO ₄ and exploration of photocatalytic and antibacterial activities	Kaur, M. Dhiman, M. Sudhaik, A. Raizada, P. Singh, P. Gautam, S.	2023	Materials Today: Proceedings
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Fabrication of magnetically retrievable ZnIn ₂ S ₄ /Bi ₂ O ₃ /ZnFe ₂ O ₄ dual S-scheme heterojunction for superior photocatalytic activity	Kumar, Y. Sharma, K. Sudhaik, A. Raizada, P. Thakur, S. Nruven, V.-H. Van Le, Q. Ahmad, T. Stadler, F.J. Du, B.	2023	Applied Nanoscience (Switzerland)
Facile microwave-assisted synthesis of Pt single atom anchored on poly (ionic liquids) functionalized reduced graphene oxide for ultrasensitive detection of H ₂ O ₂	Shekh, M.I. Lu, T. Kumar, A. Sharma, G. Zhu, G. Sebastian, S. Yadav, E. Bhardwaj, P. Maruthi, M. Kumar, D. Gupta, M.K.	2023	Journal of Environmental Chemical Engineering
Facile one-pot multicomponent synthesis of peptoid based gelators as novel scaffolds for drug incorporation and pH-sensitive release	Bashir, M. Zhou, C. Wang, C. Sillanpää, M. Wan, F.	2023	Journal of Materials Chemistry B
Facile strategy to fabricate palladium-based nanoarchitectonics as efficient catalytic converters for water treatment	Patil, S. Sonu Thakur, S. Van Le, Q. Ahmad, T. Singh, P. Nruven, V.-H. Khan, A.A.P. Hussain,	2023	Separation and Purification Technology
Facile synthesis of Co, Fe-bimetallic MIL-88A/microcrystalline cellulose composites for efficient adsorptive and photo-Fenton degradation of RhB dye	Ranabhat, D. Adhikari, S. Verma, N.	2023	Journal of the Taiwan Institute of Chemical Engineers
Factor Influencing Online Purchase Intention Among University Students in Nepal	Bayat, P. Karami, K. Gallagher, J.F. Sillanpää, M.	2023	Lecture Notes in Networks and Systems
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First measurement of the forward rapidity gap distribution in Formula Presented collisions at Formula Presented	Saurabh, A. Kaur, M. Khan, R. Guleria, G. Shandilya, M. Thakur, S.	2023	International Journal of Phytoremediation
Foliar application of Fe ₂ O ₃ nanofertilizer on growth and yield of cauliflower (Brassica oleracea var. Botrytis L.) cv. Pusa Snowball K-1	Aghalari, Z. Dahms, H.-U. Sillanpää, M.	2023	Journal of Health, Population and Nutrition
Food hygiene research: a bibliometric comparison in Iranian and international "Environmental Health" journals	Singh, H. Devi, Y.K. Nath, R.	2023	Journal of Entomological Research
Foraging behavior of hive bees (Apis mellifera L.) in the Northwest region of Punjab on Indian mustard (Brassica luncea L.)	Shahzad, U. Sengupta, T. Rao, A. Cui, L.	2023	Annals of Operations Research
Forecasting carbon emissions future prices using the machine learning methods	Khushboo, S.S. Gupta, V. Pandit, D.	2023	Indian Phytopathology
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Formulation optimization of pH-sensitive liposomes based drug delivery of Carboplatin and anti-proliferative evaluation against A549 (human lung carcinoma) cell lines	Rani, V. Malhotra, M. Patil, S. Sharma, S. Singh, P. Khan, A.A.P. Thakur, S. Raizada, P. Ahmad, Rana, G. Dhiman, P. Kumar, A. Sharma, G. Verma, Y. Chauhan, A.	2023	Materials Chemistry and Physics
Formulation strategies for the photocatalytic H ₂ evolution and photodegradation using MoO ₃ -based Z-scheme photocatalysts	Sharma, R. Mandyal, P. Sambyal, S. Fang, B. Kumar, V. Gholami, P. Prive, A. Shandilya, P.	2023	Materials Science in Semiconductor Processing
Functionalization of two-dimensional MXene-based nanomaterials for water purifications and energy conversion applications: A review	Dhiman, P. Kumar, A. Rana, G. Sharma, G.	2023	Photocatalysts and Electrochemicals in Water Remediation: From Fundamentals
Fundamentals and functional mechanisms of photocatalysis in water treatment	Sonu Dutta, V. Sudhaik, A. Khan, A.A.P. Ahmad, T. Raizada, P. Thakur, S. Asiri, A.M. Singh, P. Shahcheraghi, S.H. Ayatollahi, J. Lotfi, M. Aljabali, A.A. Al-Zoubi, M.S. Panda, P.K. Mishra, V. Dalamu, D. Tiwari, J.K. Zinta, R. Bhatia, N. Kaushal, N. Kumar, V.	2023	Inorganic Chemistry Communications
g-C ₃ N ₄ stacked Co _{0.75} N _{0.25} Fe ₂ O ₄ magnetically separable nano hybrids for intensified removal of methylene blue under UV-Visible light	Dar, M.S. Ahmad, M. Yetoo, N.-U.-N. Bhatt, B. Bhat, S.N. Altaf, H. Rafique, S. Nabi, A. Mohiddin,	2023	Materials Research Bulletin
GCN/CuFe ₂ O ₄ /SiO ₂ photocatalyst for photo-Fenton assisted degradation of organic dyes	Thakur, A. Nath, A.K. Sharma, V.	2023	Water Remediation: From Fundamentals
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Genetic Diversity and Population Structure Analyses Using Simple Sequence Repeat Markers and Phenotypic Traits in Native Potato Collection in India	Rao, A. Dagar, V. Sohag, K. Dagher, L. Tanin, T.I.	2023	Potato Research
Genetic footprint of population diversity and genetic structure of Venturia inaequalis infecting apple (Malus × domestica Borkh.)	Williams, R.	2023	3 Biotech
Genetic Homogeneity Analysis in Tissue Culture Raised Fragaria ananassa Duch. Revealed Through PCR Based Molecular Markers	Roy, S. Zhang, W. Biswas, D. Ramakrishnan, R. Rhim, J.-W.	2023	Erwerbs-Obstbau
Genome editing technologies, mechanisms and improved production of therapeutic phytochemicals: Opportunities and prospects	Kumar, R. Sudhaik, A. Sonu Nguyen, V.-H. Van Le, Q. Ahmad, T. Thakur, S. Kumar, N. Hussain,	2023	Biotechnology and Bioengineering
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Genome-wide survey, molecular evolution and expression analysis of Auxin Response Factor (ARF) gene family indicating their key role in seed number per pod in pigeonpea (C. cajan L.)	Dogra, S. Sharma, M.D. Tabassum, S. Mishra, P. Bhatt, A.K. Bhuvir, P.	2023	Genomics, Transcriptomics, Proteomics and Metabolomics of Crop Plants
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Gut microbes consume host energy and reciprocally provide beneficial factors to sustain a symbiotic relationship with the host	Wu, Y. Peng, L. Feng, P. Han, R. Khan, A. Kulshreshtha, S. Ling, Z. Liu, P. Li, X.	2023	Science of the Total Environment
Gut microbiome of mealworms (Tenebrio molitor Larvae) show similar responses to polystyrene and corn straw diets	Martimino, T. Han, H. Khan, A. Feng, P. Zhang, Q. Ma, X. Fang, Y. Liu, P. Kulshreshtha, S. Shrivastava, S.	2023	Microbiome
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High-sensitive plasmonic multilayer SiO ₂ /VO ₂ metamaterial sensor	Martens, J. Julka, J.M. Devi, S.	2023	Applied Physics A: Materials Science and Processing
Himachalus pradeshicus, an unusual new harvestman genus and species from the Indian Himalayas of Himachal Pradesh (Arachnida, Opiliones, Phalangidae)	James, A. Akash, K. Sharma, A. Bhattacharyya, S. Sriamornsak, P. Naik, R. Kumar, D.	2023	Revue Suisse de Zoologie
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Immune response of S. Typhi-derived Vi polysaccharide and outer membrane protein a conjugate in mice	Wang, L. Han, X. Zhang, Y. Zhang, Q. Wan, X. Liang, T. Song, H. Bolan, N. Shaheen, S.M. White, Sharma, A. Tahir, M. Ahmad, T. Kumar, N. Sharma, S. Kumari, M. Maleed Khan, M.A. Takhur, Devi, R. Abdulhaq, A. Verma, R. Sharma, K. Kumar, D. Kumar, A. Tajwal, A. Yadav, R. Mohan, Kour, S. Jasrotia, R. Puri, P. Verma, A. Sharma, B. Singh, V.P. Kumar, R. Kalra, S.	2023	Pediatrics and Neonatology
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Improved charge transfer and enhanced visible light photocatalytic activity of Bi ₂ O ₃ @Fe-MOF for degradation of Rhodamine B and Triclorpyr	Kenchappa, P.G. Karthik, Y. Vijendra, P.D. Hallur, R.L.S. Khandaale, A.S. Panduranga, A.K.	2023	Journal of King Saud University - Science
Improvement in the Phytochemical Content and Biological Properties of Stevia rebaudiana (Bertoni) Bertoni Plant Using Endophytic Fungi Fusarium fujikuroi	Negi, P. Agarwal, S. Garg, P. Ali, A. Kulshreshtha, S.	2023	Plants
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In silico analysis of genomic landscape of SARS-CoV-2 and its variant of concerns (Delta and Omicron) reveals changes in the coding potential of mRNAs and their target genes	Uddin, M. Dhanta, R. Pitti, T. Barsasella, D. Scholl, J. Jian, W.-S. Li, Y.-C. Hsu, M.-H. Syed-Kumar, A. Rana, A. Sharma, G. Dhiman, P.	2023	Gene
In silico and in vitro antioxidant potential of Thymus serpyllum L. essential oil	Ebrahimzadeh, S. Biswas, D. Roy, S. McClements, D.J.	2023	Pharmacological Research - Modern Chinese Medicine
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In vitro and in silico properties of Rhododendron arboreum against pathogenic bacterial isolates	Sethi, M. Kumar Singh, A. Tripathi, R.K. Kumar, A. Kumar, S. Thakur, A. Goel, B. Kashyap, T. Kumar Pandoor, H. Khan, J. Ali, A. Kaur, P. Kulshreshtha, S. Shalkh, M. Sundarajan, P. Basu, Alyaseen, A. Poddar, A. Kumar, N. Haydar, K. Khan, A. Shih, P. Lee, D. Kumar, R. Singh, T.	2023	South African Journal of Botany
In vitro Antibacterial Potency of Leaf Extract of Moringa oleifera against NFGNB Isolated from UTI Patients and their Plasmid Profiling	Nath, R. Singh, H. Mukherjee, S.	2023	Journal of Pure and Applied Microbiology
In vitro antidiabetic, antioxidant, antimicrobial, and cytotoxic activity of Murraya koenigii leaf extract intercalates ZnO nanoparticles	Tomichan, R. Sharma, A. Akash, K. Siddiqui, A.A. Dubey, A. Upadhyay, T.K. Kumar, D. Pandey, S.	2023	Luminescence
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Integrated network pharmacology and in-silico approaches to decipher the pharmacological mechanism of Sela [®] in the treatment of non-small cell lung cancer	Kumar, S. Abbas, F. Ali, I. Gupta, M.K. Kumar, S. Garg, M. Kumar, D.	2023	Phytomedicine Plus
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In-vitro evaluation of antioxidant, antimicrobial and the anti-inflammatory potential of Rumeex hastatus plant extracts	Kumar, K. Dulta, K. Bano, U. Khan, A.	2023	Medicinal Plants
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Mitigation and Comparison of Chromatic Dispersion at Distinct Frequencies Using Hybrid Model at A Bit Rate of 100Gbps over 120Km Distance	Bhat, J.A. Faizan, M. Bhat, M.A. Sharma, G. Rinklee, J. Alvermeni, M.N. Bajrouz, A. Ahmad, P.	2023	2023 6th International Conference on Information Systems and Computer
Mitigation of arsenic stress in Brassica juncea L. using zinc oxide-nanoparticles produced by novel hydrothermal synthesis	Upadhyay, A. Thakur, M.S. Sinag, P. Kumar, R. Kumar, S. Afeez, A. Afzal, A. Ahmed Saleel, C.	2023	South African Journal of Botany
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Molecular docking analysis of natural compounds from medicinal plants against α -amylase and α -glucosidase of type 2 diabetes	Batra, B. Srinivasan, S. Gopalakrishnan, S.G. Patel, C.N. Kumar, V. Sourirajan, A. Dev, K.	2023	International Journal of Bioinformatics Research and Applications
Molecular dynamic, Hirsfield surface, molecular docking and drug likeness studies of a potent anti-oxidant, anti-malaria and anti-inflammatory medicine: Pyrogallol	Patil, S.S. Sharma, R. Sharma, U. Padwad, Y.	2023	Results in Chemistry
Molecular Epidemiology and Characterization of Multidrug-Resistant MRSA ST398 and ST239 in Himachal Pradesh, India	Rachappanavar, V.	2023	Infection and Drug Resistance
Molecular insights into the interaction of eighteen different variants of SARS-CoV-2 spike proteins with sixteen therapeutically important phytochemicals: In silico approach	Alkhayer, J. Gupta, N.	2023	Journal of Biomolecular Structure and Dynamics
Molecular links between metabolome and epigenome: AMPK-TET2 signalling pathway and their natural activators	Panwar, V. Singh, A. Bhatt, M. Tonk, R.K. Azizov, S. Raza, A.S. Senjupta, S. Kumar, D. Garg, M.	2023	Chemical Biology Letters
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Nanoparticle-based materials for wound management	Wani, M.A. Din, A. Nazki, I.T. Rehman, T.U. Al-Khayri, J.M. Jain, S.M. Lone, R.A. Bhat, Z.A. Kumar, D. Khan, B. Sharma, A. Goyal, R.	2023	Antiviral and Antimicrobial Coatings Based on Functionalized Nanomaterials: Nanotechnological Aspects for Next-Generation Wound Management
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NTFP Contribution in Livelihood of Rural Area of Western Himalayan Region of Himachal Pradesh	Thapa, A. Singh, K.	2023	Chemosphere
O and S co-doping induced N-vacancy in graphitic carbon nitride towards photocatalytic peroxymonosulfate activation for sulfamethoxazole degradation	Hasija, V. Singh, P. Thakur, S. Nguyen, V.-H. Van Le, Q. Ahamed, T. Alshehri, S.M. Raizada, P.	2023	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
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On the Manufacturers of Biosimilars in Asia	Sheth, S. Vashishta, L. Goyal, R. Rathore, A. Chirmule, N.	2023	The Routledge Encyclopedia of Indian Writing in English
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Optical coaction in the electrical and magnetic induction of Dy and Tb-doped BFO-based multiferroic	Kumar, S. Thakur, S. Kaur, G.A. Shandilya, M. Rai, R.	2023	Scientific Reports
Optimisation of the techno-functional and thermal properties of heat moisture treated Bambara groundnut starch using response surface methodology	Mathobo, V.M. Onipe, O.O. Silungwe, H. Ramashia, S.E. Anyasi, T.A.	2023	Numerical Heat Transfer; Part A: Applications
Optimization and correlations development for heat transfer and fluid flow characteristics of ZnO/H2O-ethylene glycol-based nanofluid flow through an inclined ribbed square duct	Kumar, A. Priyanka Kumar, S. Katia, S.	2023	Indian Journal of Animal Research
Optimization and Identification of Lactic Acid Bacteria with Higher Mannitol Production Potential	Saleena, L.A.K. Chandran, D. Geetha, R. Radha, R. Sathian, C.T. Kumar, M. Sureshkumar, R. Karthick, S. Kumar, B.A. Sethi, P. Singh, N.K. Srivastava, S. Prasanth, P.V.	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing
Optimization Models and Educational Teaching Research in Agricultural Logistics System	Kumar, H. Agnihotri, P. Chatterjee, R. Rai, R.	2023	Ferroelectrics, Letters Section
Optimization of MPB for Sn Substituted Lead Bismuth Zirconate Titanate Thin Films by the Electromechanical Behavior Related to Energy Storage Capacity	Khalil, A. Salem, M. Ragab, S. Sillanpää, M. El Nemr, A.	2023	Scientific Reports
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Organic nitrogen application on algal growth for biodiesel applications	Singh, G. Mohit Diksha Pawan Satija, P. Sushma Sharma, S. Gurta, S. Singh, K.N. Bhattacharya, R. Parthasarthy, V. Bose, D. Gulia, K. Srivastava, S. Roshan, K.R. Shankar, R.	2023	Inorganica Chimica Acta
Organosilane as potent HIV-1 protease inhibitors and its hybrid silica nanoparticles as a "turn-off" fluorescent sensor for silver ion recognition	Jha, A. Pathania, D. Sonu Damathia, B. Raizada, P. Rustaji, S. Singh, P. Rani, G.M. Chaudhary, V.	2023	Biotechnology and Bioengineering
Overview of the advances in plant microbial fuel cell technology for sustainable energy recovery from rhizodeposition	Singh, K. Khanna, V. Rosenkranz, A. Chaudhary, V. Sonu Singh, G. Rustaji, S.	2023	Environmental Research
Panorama of biogenic nano-fertilizers: A road to sustainable agriculture		2023	Materials Today Sustainability
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Peach (Prunus persica (L.) Batsch) seeds and kernels as potential plant-based functional food ingredients: A review of bioactive compounds and health-promoting activities	Avasthi, M.	2023	The Routledge Encyclopedia of Indian Writing in English
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Performance investigation of a Scheffler solar cooking system combined with Stirling engine	Sharma, S. Katoch, V.	2023	Genetic Resources and Crop Evolution
Performance, genetic diversity and inheritance of fruit colour and shape in eggplant (Solanum melongena L.)	Ali, M.H. Mandal, S. Ghorai, M. Lal, M.K. Tiwari, R.K. Kumar, M. Radha Ghosh, A. Al-Tawaha, A.R.	2023	Genomics, Transcriptomics, Proteomics and Metabolomics of Crop Plants
Perspectives of omics and plant microbiome		2023	International Journal of Environmental Science and Technology
Pesticides and vegetables: ecological and metabolic fate with their field and food significance	Sharma, S. Kumar, S. Kumar, V. Sharma, R.	2023	Journal of Water Process Engineering
Pharmaceuticals in wastewater and their photocatalytic degradation using nano-enabled photocatalysts	Ruziwa, D.T. Oluwalana, A.E. Mupa, M. Meili, L. Selvasembian, R. Nindi, M.M. Sillanpää, M. Kumar, A. Vigato, C. Boschi, D. Lolli, M.L. Kumar, D.	2023	European Journal of Medicinal Chemistry
Phenothiazines as anti-cancer agents: SAR overview and synthetic strategies	Rana, G. Dhiman, P. Sharma, J. Kumar, A. Sharma, G.	2023	Inorganic Chemistry Communications
Photocatalytic degradation of amoxicillin using TM doped ZnO nanoparticles synthesized from orange peel extract	Dhiman, P. Sharma, J. Kumar, A. Sharma, G. Davi, E.A.	2023	Optical Materials
Photocatalytic degradation of malachite green by waste derived bio-char impregnated Bi5O7Br/Fe3O4 magnetic composite	Soni, V. Singh, P. Khan, A.A.P. Singh, A. Nadda, A.K. Hussain, C.M. Van Le, Q. Rizevski, S. Poonia, K. Singh, P. Singh, A. Thakur, S. Van Le, Q. Ahamed, T. Raizada, P. Wang, C. Nguyen	2023	Journal of Nanostructure in Chemistry
Photocatalytic transition-metal-oxides-based p-n heterojunction materials: synthesis, sustainable energy and environmental applications, and perspectives	Parwaz Khan, A.A. Singh, P. Raizada, P. Khan, A. Asiri, A.M. Alotaibi, M.M.	2023	Environmental Chemistry Letters
Photoelectrocatalytic systems for simultaneous energy recovery and wastewater treatment: a review	Shahcheraghi, S.H. Shahcheraghi, S.H. Lotfi, M. Lotfi, M. Khaleghinejad, S.H. Tambuwala, Z.M. Shakouri, S. Pourmadadi, M. Abdouss, M. Rahdar, A. Pandey, S.	2023	Chemosphere
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Photonic nanoparticles: emerging theranostics in cancer treatment	Oun, A.A. Roy, S. Shin, G.H. Yoo, S. Kim, J.T.	2023	International Journal of Biological Macromolecules
pH-responsive double emulsion system for targeted anticancer therapy based on polyacrylic acid-polyvinyl pyrrolidone containing carbon nanotubes for 5-fluorouracil as an anticancer		2023	The Routledge Encyclopedia of Indian Writing in English
pH-sensitive smart indicators based on cellulose and different natural pigments for tracing kimchi ripening stages	Grover, S. Aggarwal, P. Kaur, S. Yadav, R. Kumar, A.	2023	Waste and Biomass Valorization
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Plant seed extract assisted, eco-synthesized C-ZnO nanoparticles: Characterization, chromium(VI) ion adsorption and kinetic studies	Rao, S. Sowmyashree, A.S. Jayaprakash, G.K. Swamy, M.M. Swamyathan, K. Kumar, D.	2023	Luminescence
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Postbiotics: an exposition on next generation functional food compounds- opportunities and challenges	Suthar, P. Kumar, S. Kumar, V. Sharma, V. Dhimian, A.	2023	Critical Reviews in Food Science and Nutrition
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Potential of nanoemulsions for accelerated wound healing: innovative strategies	Chhabra, J. Chopra, H. Pahwa, R. Raina, N. Wadhwa, K. Saini, S. Negi, P. Gurta, M. Singh, J.	2023	International Journal of Surgery
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Prism-like integrated Bi ₂ WO ₆ with Ag-CuBi ₂ O ₄ on carbon nanotubes (CNTs) as an efficient and robust S-scheme interfacial charge transfer photocatalyst for the removal of organic	Dutta, V. Sonu, S. Raizada, P. Thakur, V.K. Ahamad, T. Thakur, S. Kumar Verma, P. Quan,	2023	Environmental Science and Pollution Research
Progress in drug delivery and diagnostic applications of carbon dots: a systematic review	Kaurav, H. Verma, D. Bansal, A. Kapoor, D.N. Sheth, S.	2023	Frontiers in Chemistry
Promising bioactive metabolites of mangrove inhabitant <i>Streptomyces tauricus</i> and prostate cancer PC3 cell inhibition by antimicrobial peptides	Karthik, Y. Kalyani, M.J. Krishnappa, S. Ramakrishna, K. Saved, S.M. Aharthy, O.M.	2023	Frontiers in Microbiology
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PROTACs: Promising approach for anticancer therapy	Kaur, S.D. Bedi, N. Kumar, D. Kapoor, D.N.	2023	Cancer Letters
Publisher Correction: Observation of triple J/ψ meson production in proton-proton collisions (Nature Physics, (2023), 19, 3, (338–350), 10.1038/s41567-022-01838-y)	Tumasyan, A. et al.	2023	Nature Physics
Publisher Correction: Observation of triple J/ψ meson production in proton-proton collisions (Nature Physics, (2023), 19, 3, (338–350), 10.1038/s41567-022-01838-y)	Tumasyan, A. et al.	2023	Nature Physics
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Putting CRISPR-Cas system in action: a golden window for efficient and precise genome editing for crop improvement	Tariq, A. Mushtaq, M. Yaqoob, H. Bhat, B.A. Zarfar, S.M. Reza, A. Ali, S. Charaith, S. Mubarak,	2023	GM Crops and Food
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Quorum sensing inhibitors as Therapeutics: Bacterial biofilm inhibition	Vashista, A. Sharma, N. Nanaji, Y. Kumar, D. Singh, G. Barnwal, R.P. Yadav, A.K.	2023	Bioorganic Chemistry
<i>Rubus ellipticus</i> fruits extract-mediated cuprous oxide nanoparticles: in vitro antioxidant, antimicrobial, and toxicity study	Dhatwalia, J. Kumari, A. Chauhan, A. Batoo, K.M. Banerjee, A. Radhakrishnan, A. Thakur, S. Gulera,	2023	Chemical Papers
RAMA RAO, PEDAPUDI GANGA (1935-)	Bhatti, J.K.	2023	The Routledge Encyclopedia of Indian Writing in English
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Rational design, structure properties, and synthesis strategies of dual-pore covalent organic frameworks (COFs) for potent applications: A review	Patiat, S. Soni, V. Kumar, A. Raizada, P. Ahamad, T. Pham, X.M. Le, Q.V. Nguyen, V.-H. Thakur, S.	2023	Environmental Research


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Rationally constructed synergy between dual-vacancies and Z-scheme heterostructured MoS ₂ -x(C ₃ N ₄ /Ca-g-Fe ₂ O ₃) for high-performance photodegradation of sulfamethoxazole antibiotic	Kumar, A. Singh, P. Nguyen, V.-H. Van Le, Q. Ahmad, T. Thakur, S. Huong, N. Raizada, S.	2023	Chemical Engineering Journal
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Recent advances in BaZrS ₃ perovskites: Synthesis, properties, and future trends	Sudhaik, A. Raizada, P. Ahmad, T. Alshehri, S.M. Nguyen, V.-H. Van Le, Q. Thakur, S. Thakur, V.K. Shwetharani, R. Kainthla, I. Dongre, S. D'Souza, L. Balakrishna, R.G.	2023	Journal of Alloys and Compounds
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Recent advances in Metal Organic Framework (MOF)-based hierarchical composites for water treatment by adsorbtional photocatalysis: A review	Rana, S. Kumar, A. Sharma, G. Dhiman, P. Garcia-Penas, A. Stadler, F.J.	2023	Environmental Research
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Recent advances in photocatalytic removal of sulfonamide pollutants from waste water by semiconductor heterojunctions: a review	Kumar, H. Schutz, F. Bhardwaj, K. Sharma, R. Neopimova, E. Dhanjal, D.S. Verma, R. Kumar, Chavan, P. Lata, K. Kaur, T. Rezek Jambrak, A. Sharma, S. Roy, S. Sinhar, A. Thory, B. Pal	2023	Materials Today Chemistry
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Recent advances in the preservation of postharvest fruits using edible films and coatings: A comprehensive review	Aggarwal, V. Bala, E. Salma, S. Pathan, S. Guleria, S. Sharma, S. Selvaraj, M. Verma, P.K.	2023	Food Chemistry
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Recent Trends, Opportunities and Challenges in Sustainable Management of Rice Straw Waste Biomass for Green Biorefinery	Lal, M. Thakur, P. Thakur, P. Sharma, N. Sharma, P. Shukla, A.K.	2023	Energies
Redescription of the earthworm Moniligastra gravelly Stephenson, 1915 (Clitellata, Moniligastridae) based on recent collections from Kerala state, India	Sengupta, S. Das, P. Sharma, S. Shukla, M.K. Kumar, R. Kumar Tonk, R. Pandey, S. Kumar, D. Shukla, M.K. Tiwari, H. Verma, R. Dong, W.-L. Azizov, S. Kumar, B. Pandey, S. Kumar, D. Barsola, B. Saklani, S. Kumari, P. Sidhu, A.K. Dhar, A.	2023	Zootaxa
Reduction of metronidazole in municipal wastewater and protection of activated sludge system using a novel immobilized Aspergillus tabacinus LZ-M	Alharbi, K.S. Shaikh, M.A.J. Imam, S.S. Alshehri, S. Ghoneim, M.M. Almatki, W.H. Singh, S.K.	2023	Bioresource Technology
Removal of organic and inorganic effluents from wastewater by using degradation and adsorption properties of transition metal-doped nickel ferrite		2023	Environmental Science and Pollution Research
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Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants	Nandy, S. Mandal, S. Gupta, S.K. Anand, U. Ghoral, M. Mundhra, A. Rahman, M.H. Ray, P.	2023	Journal of Plant Growth Regulation
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Search for CP violation using (Formula presented.) events in the lepton+jets channel in pp collisions at $\sqrt{s} = 13$ TeV	Tumasyan, A. et al.	2023	Journal of High Energy Physics
Search for direct pair production of supersymmetric partners of τ leptons in the final state with two hadronically decaying τ leptons and missing transverse momentum in proton-proton	Tumasyan, A. et al.	2023	Physical Review D
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Search for heavy resonances and quantum black holes in ep, $e\bar{e}$, and $\mu\bar{\mu}$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Tumasyan, A. et al.	2023	Journal of High Energy Physics
Search for Higgs boson decays into Z and J/ψ and for Higgs and Z boson decays into J/ψ or Υ pairs in pp collisions at $\sqrt{s}=13$ TeV	Tumasyan, A. et al.	2023	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
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Search for narrow resonances in the Formula Presented-tagged dijet mass spectrum in proton-proton collisions at Formula Presented	Tumasyan, A. et al.	2023	Physical Review D
Seasonal impact on microbiological quality of drinking water in Solan City of Himachal Pradesh, India	Sharma, M.D. Gupta, P. Chauhan, S. Panwar, R. Singh, S. Kumar, P. Kulshrestha, S.	2023	Environmental Monitoring and Assessment
Seaweed Extract as a Biostimulant Agent to Enhance the Fruit Growth, Yield, and Quality of Kiwifruit	Rana, V.S. Sharma, V. Sharma, S. Rana, N. Kumar, V. Sharma, U. Almutairi, K.F. Avila-Abhishek Singh, T. Sharma, V. Thakur, N. Tejwan, N. Sharma, A. Das, J.	2023	Horticulturae
Selective and sensitive electrochemical detection of doxorubicin via a novel magnesium oxide/carbon dot nanocomposite based sensor	Singh, G. Chowdhary, K. Singh, A. Satija, P. Mohit Pawan Soni, S. Raulhav, N. Sharma, R.	2023	Inorganic Chemistry Communications
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Selective recognition of Pb(II) and Cr(III) by novel maleic hydrazide-based 1,2,3-triazole linked derivatives	Rathore, C. Hemrajani, C. Sharma, A.K. Gupta, P.K. Jha, N.K. Alalali, A.A.A. Gupta, G. Singh, Wadhvani, G.K. Varshney, P.K. Gupta, A. Kumar, S.	2023	Journal of Molecular Structure
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Sentiment Analysis and Comprehensive Evaluation of Supervised Machine Learning Models Using Twitter Data on Russia-Ukraine War	Almasry, E.	2023	SN Computer Science
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Silver and nickel modified cobalt-zinc nanostructured ferrites for potential applications	Kumari, N. Himanshi Jasrotia, R. Liu, L.W. Ahmed, J. Hossain, A. Henaish, A.M.A. Thakur, S. Singh, Sharma, A. Sharma, V. Thakur, N. Sharma, P. Kumari, A.	2023	Physica Scripta
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Smart Buildings with Self-Supervised Learning: Exploratory Research in Energy Efficiency and Occupant Comfort	Tajjour, S. Chandel, S.S. Junaidi Abdul Aziz, M. Malik, H.	2023	2023 3rd International Conference on Advance Computing and Innovative
Smart Energy Management Systems for Reliable Solar Microgrids	Sharma, D. Verma, R. Chauhan, A. Kumari, S. Thakur, P. Kumar, V. Sharma, M. Kumar, P.	2023	2023 IEEE Conference on Energy Conversion, CENCON 2023
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Soft computing-based model development for estimating the aeration efficiency through Parshall flume and Venturi flumes	Bolan, N. Sarmah, A.K. Bordoloi, S. Bolan, S. Padhye, L.P. Van Zwieten, L. Soorivakumar, P.	2023	Multiscale and Multidisciplinary Modeling, Experiments and Design
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Soil and plant contamination by potentially toxic and emerging elements and the associated human health risk in some Egyptian environments	Katoch, G. Prakash, J. Jasrotia, R. Verma, A. Verma, R. Kumari, S. Ahmad, T. Godara, S.K.	2023	Environmental Geochemistry and Health
Sol-gel auto-combustion developed Nd and Dy co-doped Mg nanoferrites for photocatalytic water treatment, electrocatalytic water splitting and biological applications	Kitikova, N. Ivanets, A. Shashkova, I. Kulbitskaya, L. Baigenzhenov, O. Sillanpää, M.	2023	Journal of Water Process Engineering
Sorption of Pb2+ and Zn2+ ions on Zr-Ca-Mg phosphates: Kinetics and mechanism studies	Nikam, R.R. Manikanta, P. Patil, K.N. Mounesh Kainthla, I. Patil, S.A. Narajala, B.M.	2023	Journal of Water Process Engineering
State-of-the-art for the development of Cu-based heterogeneous catalysts for efficient utilization of furfural to value chemicals via liquid-phase and gas-phase reactions	Sharma, D. Sharma, V. Kaur, G.	2023	Catalysis Reviews - Science and Engineering
Status of Safety Concerns of Microplastic Detection Strategies	Kashyap, V. Poddar, A. Kumar, A. Sharma, N. Kumar, S.	2023	Biomedical Applications and Toxicity of Nanomaterials
Strength characteristics of concrete using waste materials	Sharma, A. Thapa, S. Goel, B. Kumar, R. Singh, T.	2023	Materials Today: Proceedings
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Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics	Ghorai, M. Kumar, V. Kumar, V. Al-Tawaha, A.R. Shekhawat, M.S. Pandey, D.K. Bathia, G.E.-S.	2022	Journal of Soil Science and Plant Nutrition
Bentonite-based sodium alginate/ dextrin cross-linked poly (acrylic acid) hydrogel nanohybrids for facile removal of paraquat herbicide from aqueous solutions	Thakur, S. Verma, A. Raizada, P. Gunduz, O. Janas, D. Alsanie, W.F. Scarpa, F. Thakur V.K.	2022	Chemosphere
Betelvine (Piper betle L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes	Biswas, P. Anand, U. Saha, S.C. Kant, N. Mishra, T. Masih, H. Bar, A. Pandey, D.K. Jha, N.	2022	Journal of Cellular and Molecular Medicine
Big data analytics for personalized medicine and healthcare	Sharma, A. Guleria, V. Gupta, G. Lata, K. Patial, S.K. Jaiswal, V.	2022	Mobile Health: Advances in Research and Applications - Volume II
Binary dyes adsorption onto novel designed magnetic clay-biopolymer hydrogel involves characterization and adsorption performance: Kinetic, equilibrium, thermodynamic, and Bioactive Carboxymethyl Cellulose (CMC)-Based Films Modified with Melanin and Silver Nanoparticles (AgNPs) — The Effect of the Degree of CMC Substitution on the In Situ Synthesis	Shahinpour, A. Tanhaei, B. Ayati, A. Belki, H. Sillanpää, M.	2022	Journal of Molecular Liquids
Bioassay Guided Fractionation of Phytocompounds from <i>Bergenia ligulata</i> : A synergistic approach to treat drug resistant bacterial and fungal pathogens	Macieja, S. Środa, B. Zielińska, B. Roy, S. Bartkowiak, A. Łopusiewicz, Ł.	2022	International Journal of Molecular Sciences
Biochar-microorganism interactions for organic pollutant remediation: Challenges and perspectives	Roita, R. Goyal, M. Sharma, S. Bharaj, D. Salaria, D. Unadhyay, N.K. Lal, U.R. Dev, K. Sourirajan, A.	2022	Pharmacological Research - Modern Chinese Medicine
Biodegradation of hazardous naphthalene and cleaner production of rhamnolipids — Green approaches of pollution mitigation	Mukherjee, S. Sarkar, B. Aralappanavar, V.K. Mukhopadhyay, R. Basak, B.B. Srivastava, P.	2022	Environmental Pollution
Biogenic Synthesis of Nanoparticles and Its Application in Wastewater Treatment	Patowary, R. Patowary, K. Kalita, M.C. Deka, S. Borah, J.M. Joshi, S.J. Zhang, M. Peng, W. Sharma, Bhardwaj, K. Chopra, C. Bhardwaj, P. Dhanjal, D.S. Singh, R. Naidu, A. Cruz-Martins, N. Singh, Dhar, S. Selvasembian, R. Sharma, R. Singh, P.	2022	Environmental Research
Biohydrogen production and its bioeconomic impact: a review	Mal, C. Mishra, A.K. Mal, J.	2022	Journal of Nanomaterials
Bioinspired quantum dots for cancer therapy: A mini-review	Dutta, K. Adeola, A.O. Ashaolu, S.E. Banji, T.I. Ijhalo, J.O.	2022	Biotechnology for Environmental Protection
Bio-Inspired Smart Nanoparticles in Enhanced Cancer Therapeutics and Targeted Drug Delivery	Kumar, A. Singh, K.R. Ghatge, M.D. Lalhenmawia, H. Kumar, D. Singh, J.	2022	Waste Disposal and Sustainable Energy
Bio-inspired sustainable synthesis of silver chloride nanoparticles and their prominent applications	Gulia, K. James, A. Pandey, S. Dev, K. Kumar, D. Sourirajan, A.	2022	Materials Letters
Bio-Inspired Synthesis of Carbon-Based Nanomaterials and Their Potential Environmental Applications: A State-of-the-Art Review	Kashid, V. Ghotekar, S. Bilal, M. Pansambal, S. Oza, R. Varma, R.S. Njuven, V.H. Ananda Murthy, Dutt, V. Verma, R. Gopalakrishnan, C. Yuan, M.-H. Batoo, K.M. Jayavel, R. Chauhan, A. Lin, K.-Thapa, A. Kaushik, R. Arora, S. Jaglan, S. Jaswal, V. Yadav, V.K. Singh, M. Bains, A. Chawla, P.	2022	Journal of Functional Biomaterials
Biological Activity of <i>Picrothiza kurroa</i> : A Source of Potential Antimicrobial Compounds against <i>Yersinia enterocolitica</i>	Biswas, D. Roy, S. Vasudevan, S.	2022	Journal of the Indian Chemical Society
Biomedical Application of Photoacoustics: A Plethora of Opportunities	Gözde, K.A. Dutta, K. Chauhan, P. Chauhan, P.K.	2022	Inorganics
Biomimetic Material-Based Biosensor for Environmental Monitoring	Priyadarshi, R. Roy, S. Purohit, S.D. Ghosh, T.	2022	International Journal of Molecular Sciences
Biopolymers for Food Packaging and Biomedical Applications: Options or Obligations?	Thakur, N. Patel, S.K.S. Kumar, P. Singh, A. Devi, N. Sandeep, K. Pandey, D. Chand, D.	2022	Micromachines
Bioprocess for Hyperactive Thermotolerant <i>Aspergillus fumigatus</i> Phytase and its Application in Dehullinization of Wheat Flour	Dev, N. Patel, S.K.S. Kumar, P. Singh, A. Thakur, N. Lata, J. Pandey, D. Thakur, V. Chand, D.	2022	Nanobiosensors for Environmental Monitoring: Fundamentals and
Bioprocess Scale-up for Acetohydroxamic Acid Production by Hyperactive Acyltransferase of Immobilized <i>Rhodococcus Rhodospirillum rubrum</i>	Thakur, N.	2022	Coatings
Bioprospecting New-Generation Biocontrol Strategies: A Viable Solution for Attaining Agricultural Security and Food Safety	Mehjabeen Devedee, A.K. Sahoo, M. Choudhary, K. Singh, M. Ghanshyam	2022	Catalysis Letters
Bioremediation of soil: an overview	Sharma, A. Guleria, V. Gupta, G. Lata, K.	2022	Catalysis Letters
Biosensors in bioinformatics, biotechnology, and healthcare	Bonyadi, Z. Nasoudari, E. Ameri, M. Ghavami, V. Shams, M. Sillanpää, M.	2022	Microbial Biocontrol: Sustainable Agriculture and Phytopathogen
Biosorption of malachite green dye over <i>Spirulina platensis</i> mass: process modeling, factors optimization, kinetic, and isotherm studies	Rzig, B. Guesmi, F. Sillanpää, M. Hamrouni, B.	2022	Microbes and Microbial Biotechnology for Green Remediation
Biosorption potential of olive leaves as a novel low-cost adsorbent for the removal of hexavalent chromium from wastewater	Hossain, R. Quispe, C. Saikat, A.S.M. Jain, D. Habib, A. Janmeda, P. Islam, M.T. Radha Dastan, Dey, A. Roy, D. Mohure, V.M. Ghorai, M. Rahman, M.H. Anand, U. Dewanjee, S. Radha Kumar, M. Dantas, A. Orellana-Palma, P. Kumar, D. Hernandez, E. Prudencio, E.S.	2022	Mobile Health: Advances in Research and Applications - Volume II
Biosynthesis of Secondary Metabolites Based on the Regulation of MicroRNAs	Ahuja, A. Tyagi, P.K. Kumar, M. Sharma, N. Prakash, S. Radha Chandran, D. Dhimal, S. Rais, Gupta, S.K. Sharma, M. Mukherjee, S.	2022	Applied Water Science
Biotechnological interventions and indole alkaloid production in <i>Rauvolfia serpentina</i>	Mudhoo, A. Sharma, G. Mohan, D. Pittman, C.U. Sillanpää, M.	2022	Biomass Conversion and Biorefinery
Block freeze concentration by centrifugation and vacuum increases the content of lactose-free milk macronutrients	Hussain, S. Rohit, S. Rana, D. Jamwal, D. Park, J.Y. Katoch, A.	2022	BioMed Research International
Botanicals and Oral Stem Cell Mediated Regeneration: A Paradigm Shift from Artificial to Biological Replacement	Gengan, S. Ananda Murthy, H.C. Sillanpää, M. Nhat, T.	2022	Applied Microbiology and Biotechnology
Buckeye Rot of Tomato in India: Present Status, Challenges, and Future Research Perspectives	Balou, S. Shandilya, P. Priye, A.	2022	Journal of Food Science
Can "biodegradability" of adsorbents constitute an 'Achilles' heel' in real-world water purification? Perspectives and opportunities	Sharma, G. Kumar, A. Kumar, P.S. Alodhayb, A. AlOthman, Z.A. Dhiman, P. Stadler, F.J.	2022	Cells
Carbon Based Supercapacitors	Bhattacherjee, S. Elancheran, R. Dutta, K. Deb, P.K. Devi, B.	2022	Plant Disease
Carbon dots and their application as photocatalyst in dye degradation studies- Mini review	Sharma, A. Sharma, R. Sharma, M. Kumar, M. Barbhai, M.D. Lorenzo, J.M. Sharma, S. Samota, Sharma, V. Kumar, A. Suriyaprakash, J. Gupta, N.	2022	Journal of Environmental Chemical Engineering
Carbon dots for photothermal applications	Thakur, S. Verma, A. Kumar, V. Jin Yang, X. Krishnamurthy, S. Coulon, F. Thakur, V.K.	2022	Encyclopedia of Energy Storage: Volume 1-4
Carbon quantum dots embedded trimetallic oxide: Characterization and photocatalytic degradation of Ofloxacin	Nemiwal, M. Sillanpää, M. Banat, F. Kumar, D.	2022	Results in Chemistry
Cardioprotective potential of the antioxidant-rich bioactive fraction of <i>Garcinia pedunculata</i> Roxb. ex Buch.-Ham. against isoproterenol-induced myocardial infarction in Wistar rats	Khan, S. Naushad, M. Iqbal, J. Bathula, C. Al-Muhtaseb, A.H.	2022	Frontiers in Chemistry
Carica papaya L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects	Chugh, A. Khurana, N. Verma, K. Sehgal, I. Roita, R. Vats, P. Phartiyal, R. Salaria, D. Kaushik, N. Park, Y. Sillanpää, M. Anderson, L. Gagnon, G.A. Mattilainen, A.	2022	Journal of Water Process Engineering
Catalytic hydrodeoxygenation of corn cob and pinus bark derived lignin into hydrocarbons and phenols using Ru/CNF with mechanistic details	Dhakal, S. Khosla, P.K. Getahun, T.	2022	Frontiers in Pharmacology
Cellulosic biomass-based sustainable hydrogels for wastewater remediation: Chemistry and prospective	Prasher, P. Sharma, M. Kapoor, D.N. Negi, P. Gupta, G. Zacconi, F.C. Tambuwala, M.M. Mehta,	2022	Oxidative Medicine and Cellular Longevity
CeO ₂ -encapsulated metal nanoparticles: Synthesis, properties and catalytic applications		2022	Biomass Conversion and Biorefinery
Challenges and perspectives on innovative technologies for biofuel production and sustainable environmental management		2022	Fuel
Changing Dynamics of SARS-CoV-2: A Global Challenge		2022	Inorganic Chemistry Communications
Characterization of natural organic matter		2022	Fuel
Chemical compositions and biological activities of the oils from the genus <i>Taxus</i> and factors limiting the regeneration of endangered views: a review		2022	Applied Sciences (Switzerland)
Chemical Moieties as Advanced Therapeutics for Targeting Respiratory Disorders		2022	Natural Organic Matter in Water: Characterization, Treatment Methods
		2022	Turkish Journal of Chemistry
		2022	Advanced Drug Delivery Strategies for Targeting Chronic Inflammation/Lung


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Chitosan as a Tool for Sustainable Development: A Mini Review	Maliki, S. Sharma, G. Kumar, A. Moral-Zamorano, M. Moradi, O. Basella, J. Stadler, F.J. Garcia-Chaudhary, A. Singh, K. Verma, N. Kumar, S. Kumar, D. Sharma, P.P.	2022	Polymers
Chromenes-A Novel Class of Heterocyclic Compounds: Recent Advancements and Future Directions	Sarena, P. Sharma, A. Urnera, M.T. Tambuwala, M.M. Aliabadi, A.A.A. Chellappan, D.K. Dua, K.	2022	Mini-Reviews in Medicinal Chemistry
Chronic Light-Distorted Glutamate-Cortisol Signaling, Behavioral and Histological Markers, and Induced Oxidative Stress and Dementia: An Amelioration by Melatonin	Kumar, N. Shankar, V. Rustum, R. Adeboye, A.J.	2022	ACS Chemical Neuroscience
Closure to "evaluating the Performance of Self-Organizing Maps to Estimate Well-Watered Canopy Temperature for Calculating Crop Water Stress Index in Indian Mustard (Brassica C-N cross-coupling organic transformations catalyzed via copper oxide nanoparticles: A review (2016-present))"	Arora, P. Kumar, P. Tomar, V. Sillanpää, M. Kumar Joshi, R. Nemiwal, M.	2022	Journal of Irrigation and Drainage Engineering
CO ₂ photoreduction into solar fuels via vacancy engineered bismuth-based photocatalysts: Selectivity and mechanistic insights	Kumar, A. Singh, P. Khan, A.A.P. Le, Q.V. Nguyen, V.-H. Thakur, S. Raizada, P.	2022	Inorganic Chemistry Communications
Cobalt(II), nickel(II), copper(II) and zinc(II) complexes of thiazole based Schiff base ligands: Synthesis, structural characterization, DFT, antidiabetic and molecular docking studies	Deswal, Y. Asija, S. Dubey, A. Deswal, L. Kumar, D. Kumar Jindal, D. Devi, J.	2022	Chemical Engineering Journal
Colony collapse disorder: A peril to apiculture	Nikita Grover, A. Kalia, P. Sinha, R. Garg, P.	2022	Journal of Molecular Structure
Colored cereals: Extraction and purification of bioactive compounds (pigments)	Kumari, N. Nair, M.S. Kumar, M. Radha Barbhai, M.D. Sharma, K. Dev, A. Chandran, D. Waghmare, Upadhyay, A. Thakur, M.S. Sharma, N.	2022	Journal of Applied and Natural Science
Combined effect of glass and carbon fiber in asphalt concrete mix using computing techniques	Almohammed, F.H. Sha, P.	2022	Functionality and Application of Colored Cereals: Nutritional, Bioactive, and
Combined remediation effects of biochar and organic fertilizer on immobilization and dissipation of neonicotinoids in soils	Cheng, H. Tang, G. Wang, S. Rinklebe, J. Zhu, T. Cheng, L. Feng, S.	2022	Advances in Computational Design
Communication Induced Checkpointing based Fault Tolerance Mechanism - A Review and CIAC-FTM Framework in IoT Environment	Lakshmi, A.S. Priya, C.V. Gupta, G.	2022	Environment International
Community structure and species diversity of forest vegetation in a protected area of Western Himalayan region of India	Rana, D. Kapoor, K.S. Bhatt, A. Samant, S.S.	2022	3rd IEEE 2022 International Conference on Computing, Communication, and Environment, Development and Sustainability
Compact and Sensitive H-Shaped Metal-Dielectric-Metal Waveguide Plasmonic Sensor	Adhikari, R. Sbeah, Z. Gupta, R. Chauhan, D. Nunzi, J.-M. Prakash Dwivedi, R.	2022	Plasmonics
Comparative analysis of dusty and clean photovoltaic panels	Pandey, A. Chauhan, A. Ghoshal, S. Singh, V.P. Singh, Y. Kumar, R.	2022	AIP Conference Proceedings
Comparative Effect of Cooling on the Physico-chemical-sensory Properties of Ghee from Cow and Buffalo Milk, and Evaluation of the Low-fat Spread Prepared from Cow and Buffalo Milk	Patange, D.D.D. Virshasen Vinayak, D. Chandran, D. Radha Kumar, M. Lorenzo, J.M.	2022	Food Analytical Methods
Comparative genome analysis of commensal segmented filamentous bacteria (SFB) from turkey and murine hosts reveals distinct metabolic features	Hedblom, G.A. Dev, K. Bowden, S.D. Baumler, D.J.	2022	BMC Genomics
Comparative removal of hazardous cationic dyes by MOF-5 and modified graphene oxide	Mohammadi, A.A. Moghanlo, S. Kazemi, M.S. Nazari, S. Ghadiri, S.K. Saleh, H.N. Sillanpää, M.	2022	Scientific Reports
Comparative study of Abaca fiber and Kevlar fibers based brake friction composites	Kumar, N. Kumar, S. Grewal, J.S. Mehta, V. Ali, S.	2022	Polymer Composites
Comparative study on seismic performance of steel-concrete composite structure without and with buckling-restrained braces	Kant, R. Al Agha, W. Thakur, M.S. Umamaheswari, N.	2022	Materials Today: Proceedings
Comparison of machine learning algorithms to evaluate strength of concrete with marble powder	Sharma, N. Upadhyay, A. Thakur, M.S. Sihag, P.	2022	Advances in Materials Research (South Korea)
Comparison of Phytochemicals, Antioxidant, and Antimicrobial Activities of In Vitro Propagated and Wild Grown Potentilla Nepalensis, an Endemic Medicinal Plant from North	Sharma, S. Kumar, V. Attri, C. Sourirajan, A. Dev, K.	2022	Journal of Herbs, Spices and Medicinal Plants
Comprehensive insights on Apple (Malus domestica Borkh.) bud sport mutations and epigenetic regulations	Kumar, A. Sharma, D.P. Kumar, P. Sharma, G. Suprun, I.I.	2022	Scientia Horticulturae
Conductivity Study on Proton-Conducting Nanocomposite Plasticized Polymer Electrolytes: A Review	Sharma, S. Pathak, D. Dhiman, N. Kumar, R. Prashar, K.K. Kahol, M. Arora, N. Sharma, V.	2022	Current Materials Science
Constructing a Visible-Active CoFe ₂ O ₄ @Bi ₂ O ₃ /NiO Nanoheterojunction as Magnetically Recoverable Photocatalyst with Boosted Ofloxacin Degradation Efficiency	Dhiman, P. Sharma, G. Alodhayb, A.N. Kumar, A. Rana, G. Sathole, T. AlOthman, Z.A.	2022	Molecules
Constructing carbon nanotubes@CuBi ₂ O ₄ /AgBiO ₃ all solid-state mediated Z-scheme photocatalyst with enhanced photocatalytic activity	Dutta, V. Sonu Raizada, P. Verma, P.K. Ahamed, T. Thakur, S. Hussain, C.M. Singh, P.	2022	Materials Letters
Constructing effective ion channels in anion exchange membranes via exfoliated nanosheets towards improved conductivity for alkaline fuel cells	Sharma, P.P. Manohar, M. Kim, D.	2022	Materials Advances
Contamination, exposure, and health risk assessment of Hg in Pakistan: A review	Rashid, S. Shah, I.A. Supe Tulcan, R.X. Rashid, W. Sillanpää, M.	2022	Environmental Pollution
Controlled synthesis of porous ZnFe ₂ O ₄ based layered double hydroxides: Synthesis mechanism, and ciprofloxacin adsorption	Sharma, S. Sharma, G. Kumar, A. Dhiman, P. AlGarni, T.S. Naushad, M. AlOthman, Z.A. Stadler, Sudhaik, A. Raizada, P. Rangabhashyam, S. Singh, A. Nguyen, V.-H. Van Le, Q. Khan, A.A.P. Hu, C.	2022	Separation and Purification Technology
Copper sulfides based photocatalysts for degradation of environmental pollution hazards: A review on the recent catalyst design concepts and future perspectives	Singh, G. Pawan Sharma, S. Mohit Satija, P. Diksha Privanka Thakur, Y. Kaur, A.	2022	Surfaces and Interfaces
Copper(II) Ion Promoted Reverse Solvatochromic Response of the Silatrane Probe to Spectral Shifts: Preferential Solvation and Computational Approach	Guleria, I. Kumari, A. Lacaille-Dubois, M.-A. Nishant Kumar, V. Saini, A.K. Dhatwalia, J. Lal, S.	2022	Inorganic Chemistry
Correction to: A review on the genus Populus: a potential source of biologically active compounds (Phytochemistry Reviews, (2022), 21, 4, (987-1046), 10.1007/s11010-021-09772-2)	He, D. Singh, S.K. Peng, L. Kaushal, R. Vitchev, J.J. Shao, C. Wu, X. Zhen, S. Morcillo, R.J. Thakur, V. Bhole, S. Thakur, P. Patel, S.K.S.	2022	Phytochemistry Reviews
Correction to: Flavonoid-attracted Aeromonas sp. from the Arabidopsis root microbiome enhances plant dehydration resistance (The ISME Journal, (2022), 16, 11, (2622-2632))	Kulshrestha, S. Ratho, R.K. Kumar, P.	2022	ISME Journal
Correction to: Waves and variants of SARS-CoV-2: understanding the causes and effect of the COVID-19 catastrophe (Infection, (2022), 50, 2, (309-325), 10.1007/s15010-021-01734-2)	Dhatwalia, J. Kumari, A. Chauhan, A. Mansi, K. Thakur, S. Saini, R.V. Guleria, I. Lal, S. Kumar, A. Sharma, S. Dutta, V. Raizada, P. Hosseini-Bandeharai, A. Thakur, V.K. Singh, A. Le, Q.V.	2022	Infection
Correction: Rubus ellipticus Sm. Fruit Extract Mediated Zinc Oxide Nanoparticles: A Green Approach for Dye Degradation and Biomedical Applications (Materials (2022), 15, (3470), Corrigendum to "Constructing a novel all-solid-state Z-scheme BiVO ₄ /CQDs/FeVO ₄ photocatalyst and its enhancement to the photocatalytic activity" (Mater. Lett. 297 (2021) 127000)	Hasija, V. Raizada, P. Sudhaik, A. Singh, P. Thakur, V.K. Khan, A.A.P.	2022	Materials
Corrigendum to "Fabrication of Ag/AgCl/WO ₃ heterojunction anchored P and S co-doped graphitic carbon nitride as a dual Z-scheme photocatalyst for efficient dye degradation" [Solid State Sciences, (2022), 12, 101616, 10.1016/j.solidstsc.2021.101616]	Chandel, N. Sharma, K. Sudhaik, A. Raizada, P. Hosseini-Bandeharai, A. Thakur, V.K. Singh, P.	2022	Materials Letters
Corrigendum to "Magnetically separable ZnO/ZnFe ₂ O ₄ and ZnO/CoFe ₂ O ₄ photocatalysts supported onto nitrogen doped graphene for photocatalytic degradation of toxic dyes" [Arab. J. Sci., (2022), 15, 102397, https://doi.org/10.1016/j.scitotenv.2021.152397]	Shi, L. Liu, J. Gao, B. Sillanpää, M.	2022	Solid State Sciences
Corrigendum to "Synthesis of Eu ³⁺ -doped ZnO/Bi ₂ O ₃ heterojunction photocatalyst on graphene oxide sheets for visible light-assisted degradation of 2,4-dimethyl phenol and Corrigendum to "Visible light-assisted photodegradation of 2,4-dinitrophenol using Ag ₂ CO ₃ loaded phosphorus and sulphur co-doped graphitic carbon nitride nanosheets in simulated"	Shandilya, P. Sudhaik, A. Raizada, P. Hosseini-Bandeharai, A. Singh, P. Rahmani-Sani, A. Raizada, P. Sudhaik, A. Singh, P. Shandilya, P. Thakur, P. Jun, H.	2022	Arabian Journal of Chemistry
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Coumarins and chalcones against SARS-CoV-2	Shukla, M.K. Kumar, D. Tewari, D. Sahu, S.K.	2022	Separation and Purification Technology
Covalent organic frameworks promoted single metal atom catalysis: Strategies and applications	Hasija, V. Patil, S. Raizada, P. Astam Parwaz Khan, A. Asiri, A.M. Van Le, Q. Nguyen, V.-H.	2022	Food Hydrocolloids
COVID-19 Immunosensors techniques: Reframing policy and strategic development goals for the post-COVID-19 scenario	Thakur, N. AK Dev, V.	2022	Application of Natural Products in SARS-CoV-2
COVID-19: Automated Detection and Monitoring of Patients Worldwide Using Machine Learning	Gupta, G. Salehi, A.W. Sharma, B. Kumar, N. Sonja Valdivia, P.	2022	Coordination Chemistry Reviews


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Crafting Immunological Response Using Particulate Vaccines	Bansal, A. D'souza, B. Kapoor, D.N. Singh, P. Starr, G. Mupfiredy, K.K.	2022	Critical Reviews in Therapeutic Drug Carrier Systems
CRISPR/Cas Genome Editing in Engineering Plant Secondary Metabolites of Therapeutic Benefits	Das, T. Ghorai, M. Pandey, D.K. Radha Thakur, M. Rathour, S. Al-Tawaha, A.R. Bursal, E. Kumar, Tiwari, J.K. Buckseth, T. Chaitani, C. Zinta, R. Bhatia, N. Dalami, D. Naik, S. Poonia, A.K. Singh, Bhardwaj, S. Kesari, K.K. Rachamalla, M. Mani, S. Ashraf, G.M. Jha, S.K. Kumar, P. Ambasta, R.K. Zahmatkesh, S. Klemes, J.J. Bokhari, A. Wang, C. Sillanpää, M. Hasan, M. Armesho, K.T.T.	2022	Metabolic Engineering in Plants
CRISPR/Cas Genome Editing in Potato: Current Status and Future Perspectives	Kumar, S. Sharma, R. Sharma, S. Kumar, V. Minhas, A. Boddu, R.	2022	Frontiers in Genetics
CRISPR/Cas9 gene editing: New hope for Alzheimer's disease therapeutics	Nag, A. Banerjee, R. Paul, S. Kundu, R.	2022	Journal of Advanced Research
Critical role of Hyssop plant in the possible transmission of SARS-CoV-2 in contaminated human feces and its implications for the prevention of the virus spread in sewage	Chandel, V. Biswas, D. Roy, S. Vaidya, D. Verma, A. Gupta, A.	2022	Chemosphere
Cruciferous vegetables: a mine of phytonutrients for functional and nutraceutical enrichment	Soni, V. Khosla, A. Singh, P. Nguyen, V.-H. Le, Q.V. Selvasembian, R. Hussain, C.M. Thakur, S. Kumar, V. Kumar, R. Raizada, P. Khan, A.A.P. Singh, A. Le, Q.V. Nguven, V.-H. Selvasembian, R. Kumar, R. Sudhaik, A. Khan, A.A.P. Raizada, P. Asiri, A.M. Mohapatra, S. Thakur, S. Thakur, V.K. Mandal, S. Ghorai, M. Anand, U. Samanta, D. Kant, N. Mishra, T. Rahman, M.H. Jha, N.K. Jha, Mandal, S. Ghorai, M. Anand, U. Roy, D. Kant, N. Mishra, T. Mane, A.B. Jha, N.K. Lal, M.K. Tiwari, Kumari, S. Poddar, A. Kumar, N. Shankar, V.	2022	Current Advances for Development of Functional Foods Modulation
Curcumin inhibits spike protein of new SARS-CoV-2 variant of concern (VOC) Omicron, an in silico study	Singh, G. Suman Diksha Pawan Mohit Sushma Priyanka Saini, A. Satia, P.	2022	Computers in Biology and Medicine
Current Advancements in Pectin: Extraction, Properties and Multifunctional Applications	Sushila Shivam, K. Venugopalan, P. Rani, J. Tian, H. Goswami, S. Patra, R.	2022	Foods
Current perspective in metal oxide based photocatalysts for virus disinfection: A review	Gintamo, B. Khan, M.A. Gulilat, H. Shukla, R.K. Mekonnen, Z.	2022	Journal of Environmental Management
Current status of hematite (α-Fe2O3) based Z-scheme photocatalytic systems for environmental and energy applications	Sharma, S.K. Kumar, A. Sharma, G. Naushad, M. Ubaidullah, M. García-Peñas, A.	2022	Journal of Environmental Chemical Engineering
Current status on designing of dual Z-scheme photocatalysts for energy and environmental applications	Khursheed, R. Wadhwa, S. Kumar, B. Gulati, M. Gupta, S. Chaitanya, M.V.N.L. Kumar, D. Jha, N.K. Dutta, K. Kosharyogçeli, G. Thakur, A. Singh, S. Chauhan, P. Chauhan, P.K.	2022	Journal of Industrial and Engineering Chemistry
Cytokinin and abiotic stress tolerance -What has been accomplished and the way forward?	Kumar, S. Gupta, G. Tchier, F. Xin, Q. Kumar, A. Shami, F.A.	2022	Frontiers in Genetics
Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era	Bouziati, A. Yahya, M. Naciri, Y. Hsini, A. Khan, M.A. Sillanpää, M. Celik, G.	2022	Frontiers in Genetics
Delineation of groundwater recharge potential zones using the modeling based on remote sensing, GIS and MIF techniques: a study of Hamirpur District, Himachal Pradesh, India	Nain, V. Kaur, M. Sandhu, K.S. Thory, R. Sinhar, A.	2022	Modeling Earth Systems and Environment
Design and synthesis of 4-aminoantipyrine appended triazole linked bis-organosilane and their silica nano particles for selective recognition of Fe3+ ions	Khairani, J. Bhatia, A.P.S. Jeurkar, A. Rao, D. Chirmule, N. Misra, P. Kadam, R. Karuppleh, S. Sushma, D.S. Jaiswal, V. Pat, T.	2022	Journal of Molecular Structure
Design of Dinuclear Lanthanide Complexes from N2O2 Donor Ligand for Single Molecule Magnets: Crystalline Architecture and Slow Magnetic Relaxation Studies	Devil, J. Pachwania, S. Kumar, D. Jindat, D.K. Jan, S. Dash, A.K.	2022	ChemistrySelect
Determination of the Physicochemical Quality of Groundwater and its Potential Health Risk for Drinking in Oromia, Ethiopia	Bandopadhyay, S. Anand, U. Gadekar, V.S. Jha, N.K. Gupta, P.K. Behl, T. Kumar, M. Radha A.S. S. Soniya, A. Kumar, S. Rao, S. Kudur Javarakash, G.	2022	Environmental Health Insights
Developing a g-C3N4/NiFe2O4 S-scheme hetero-assembly for efficient photocatalytic degradation of cephalexin	Nath, R. Komala, G. Fantke, P. Mukherjee, S.	2022	Colloids and Surfaces A: Physicochemical and Engineering Aspects
Development and validation of RP-HPLC based bioanalytical method for simultaneous estimation of curcumin and quercetin in rat's plasma	Natasha Bibi, I. Niaz, N.K. Shahid, M. Ali, F. Masood ul Hasan, I. Rahman, M.M. Younas, F. O'Connor, J. Bolan, N.S. Kumar, M. Nitai, A.S. Ahmed, M.B. Bolan, S.S. Vithanane, M. Rinkkebe Thakur, N. Nigam, M. Tewary, R. Rajvanshi, K. Kumar, M. Shukla, S.K. Mahmoud, G.A.-E. Gupta, Garg, Y. Kapoor, D.N. Sharma, A.K. Bhatia, A.	2022	South African Journal of Botany
Development of Alginate-Chitosan Based Coating Enriched with ZnO Nanoparticles for Increasing the Shelf Life of Orange Fruits (Citrus sinensis L.)	Deb, A. Gurung, K. Rumky, J. Sillanpää, M. Mänttari, M. Kallioinen, M.	2022	Journal of Polymers and the Environment
Development of New Correlations and Parametric Optimization in Nanofluid Flow through Protruded Roughened Square Channel	Lv, S. Yang, Y. Yu, G. Peng, L. Zheng, S. Singh, S.K. Vilchez, J.I. Kaushal, R. Zi, H. Yi, D. Wang, Tumasyan, A. et al.	2022	Mathematical Problems in Engineering
Development of polyaniline coated titania-hematite composite with enhanced photocatalytic activity under sun-like irradiation	Ahmed, S. Marimuthu, N. Tripathy, B. Julka, J.M. Chandra, K.	2022	Surfaces and Interfaces
Development of Starch Nanoparticle from Mango Kernel in Comparison with Cereal, Tuber, and Legume Starch Nanoparticles: Characterization and Cytotoxicity	Sanyal, R. Nandi, S. Mandal, S. Dewanjee, S. Al-Tawaha, A.R. Bursal, E. Biswas, P. Kumar, M. Dutta, K. Kosharyogçeli, G. Chauhan, P. Jasrotia, R. Chauhan, P.K.	2022	Starch/Stärke
Digital health initiatives can take better cognizance of marginalized communities in India	Chauhan, S. Ghoshal, S. Kanwal, K.S. Sharma, V. Ravikanth, G.	2022	Journal of Global Health
Digital Transformation of Healthcare Sector by Blockchain Technology	Sharma, M.D. Sharma, S. Mishra, P. Kulshrestha, S.	2022	Transformations Through Blockchain Technology: The New Digital Revolution
Diorganotin(IV) complexes derived from thiazole Schiff bases: synthesis, characterization, antimicrobial and cytotoxic studies	Rana, A. Vaidya, P. Kapoor, P. Gupta, G.	2022	Research on Chemical Intermediates
Dioscin: A review on pharmacological properties and therapeutic values	Kumar, H. Bhardwaj, K. Kucha, K. Sharif-Rad, J. Verma, R. Machado, M. Kumar, D. Cruz-Martins, N.	2022	BioFactors
Discotic anthraquinones as novel corrosion inhibitor for mild steel surface	Liu, P. Kulshrestha, S. Li, X.	2022	Journal of Molecular Liquids
Dissipation kinetics, residue modeling and human intake of endosulfan applied to okra (Abelmoschus esculentus)	Maithani, R. Kumar, B. Sharma, S. Kumar, S. Kumar, A.	2022	Science of the Total Environment
Distribution and ecological risk assessment of trace elements in the paddy soil-rice ecosystem of Punjab, Pakistan	Kaur, G.A. Kumar, S. Kumar, P. Shandilya, M.	2022	Environmental Pollution
Distribution, transformation and remediation of poly- and per-fluoroalkyl substances (PFAS) in wastewater sources	Jamwal, M. Puri, S. Radha Sharma, N. Prakash, S. Kumar, V. Sharma, S. Kamlesh Kumari, N.	2022	Process Safety and Environmental Protection
Drivers for the behavioural receptiveness and non-receptiveness of farmers towards organic cultivation system		2022	Journal of King Saud University - Science
Drug Delivery Systems and Strategies to Overcome the Barriers of Brain		2022	Current Pharmaceutical Design
Dynamics of microbial community and their effects on membrane fouling in an anoxic-oxic gravity-driven membrane bioreactor under varying solid retention time: A pilot-scale study		2022	Science of the Total Environment
Dysfunction of histone demethylase IBM1 in Arabidopsis causes autoimmunity and reshapes the root microbiome		2022	ISME Journal
Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state at $\sqrt{s} = 13$ TeV		2022	Journal of High Energy Physics
Earthworm community structure and diversity in different land-use systems along an elevation gradient in the Western Himalaya, India		2022	Applied Soil Ecology
Eclipta prostrata (L.) L.: Traditional Use, Phytochemistry, and Pharmacology		2022	Medicinal Plants of the Asteraceae Family: Traditional Uses, Phytochemistry
Ecofriendly Synthesis of Zinc Oxide Nanoparticles by Carica papaya Leaf Extract and Their Applications		2022	Journal of Cluster Science
Ecological niche modelling for predicting the habitat suitability of endangered tree species Taxus contorta Griff. in Himachal Pradesh (Western Himalayas, India)		2022	Tropical Ecology
Economic aspects of bioreactors: current trends and future perspective		2022	Techno-economics and Life Cycle Assessment of Bioreactors: Post-COVID-2022 2nd International Conference on Computer Science, Engineering and International Journal of Food Science and Technology
Edge Preservation Gradient based Smoothing to Multiplicative the Image Noise		2022	Frontiers in Nutrition
Edible mushrooms' enrichment in food and feed: A mini review		2022	Experimental Heat Transfer
Editorial: Remediation of Hazardous Materials in Gut by Probiotics and Intestine Microbiome		2022	AIP Conference Proceedings
Effect of a unique winglet twisted tape insert on thermal and hydraulic properties of tubular heat exchanger		2022	Journal of Applied Pharmaceutical Science
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Effect of Ca ²⁺ exchange at Ba ²⁺ site on the structural, dielectric, morphological and magnetic traits of BaM nanohexaferrites	Godara, S.K. Kaur, V. Jasrotia, R. Suran Thakur, S. Singh, V.P. Ahmed, J. Alshehri, S.M. Pandit, B. Chauhan, A. Kumari, S. Verma, R. Thakur, Z. Rana, G. Kulshreshtha, S. Kumar, R. Kumar, A. Maitthani, R. Sharma, S. Kumar, S. Sharifpur, M. Alam, T. Gupta, N.K. Eldin, S.M. Chauhan, P. Sharma, M. Pathania, H. Shriya Choudhary, S. Pathania, D.	2022	Journal of Magnetism and Magnetic Materials
Effect of Cu, Mg, Ag doping on structural and antimicrobial properties of synthesized ZnO using Cannabis sativa leaf extract		2022	AIP Conference Proceedings
Effect of Dimpled Rib with Arc Pattern on Hydrothermal Characteristics of Al ₂ O ₃ -H ₂ O Nanofluid Flow in a Square Duct		2022	Sustainability (Switzerland)
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Effect of excessive amount of (Na, K) ion ratio on structural, optical and electrical properties of K _{0.5} Na _{0.5} NbO ₃ ceramics prepared by solid-state route		2022	Bulletin of Materials Science
Effect of hydrothermal synthesis on structural properties of ZnO and Ag doped ZnO nanoparticles		2022	AIP Conference Proceedings
Effect of orange peel and moringa leaves extracts on quality of chicken sausages under frozen storage		2022	Nutrition and Food Science
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Effect of synthesis techniques on the magnetic properties of Bismuth ferrite: A review		2022	AIP Conference Proceedings
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Efficient dye degradation strategies using green synthesized ZnO-based nanoplastics: A review		2022	Applied Surface Science Advances
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EGFR-Targeted Quinazoline Clubbed Heterocycles as Anticancer Agents		2022	Biomedical Translational Research: Drug Design and Discovery
Electrocatalytic determination of ascorbic acid using a green synthesized magnetite nanoplate modified carbon paste electrode by cyclic voltammetric method		2022	Materials Research Innovations
Electrocatalytic Investigation by Improving the Charge Kinetics between Carbon Electrodes and Dopamine Using Bio-Synthesized CuO Nanoparticles		2022	Catalysts
Electrochemical determination of paracetamol at Cu doped ZnO/Nanoparticle with TX-100-surfactant MCPPE: A cyclic voltammetric technique		2022	Inorganic Chemistry Communications
Electrochemical immunosensor for the detection of colistin in chicken liver		2022	3 Biotech
Electrochemical Reduction and Voltammetric Sensing of Lindane at the Carbon (Glassy and Pencil) Electrodes		2022	Electrochem
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Elucidating the sensing properties of thiophene amended organosilane for detection of chromium(III) ion and its potential activity against HIV-1 RT via computational approach		2022	Inorganic Chemistry Communications
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Emergence of novel omicron hybrid variants: BA(x), XE, XD, XF more than just alphabets		2022	International Journal of Surgery
Emerging architecture titanium carbide (Ti ₃ C ₂ Tx) MXene based photocatalyst toward degradation of hazardous pollutants: Recent progress and perspectives		2022	Chemosphere
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Emerging chemo-biocatalytic routes for valorization of major greenhouse gases (GHG) into industrial products: A comprehensive review		2022	Journal of Industrial and Engineering Chemistry
Emerging cocatalysts in TiO ₂ -based photocatalysts for light-driven catalytic hydrogen evolution: Progress and perspectives		2022	Fuel
Emerging Interrelationship Between the Gut Microbiome and Cellular Senescence in the Context of Aging and Disease: Perspectives and Therapeutic Opportunities		2022	Probiotics and Antimicrobial Proteins
Emerging new-generation covalent organic frameworks composites as green catalysts: design, synthesis and solar to fuel production		2022	Chemical Engineering Journal
Emerging Role of Redox-Active Nanoceria in Cancer Therapeutics via Oxidative Stress		2022	Handbook of Oxidative Stress in Cancer: Therapeutic Aspects: Volume 1
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Enhanced coupling efficiency in metal - dielectric - metal waveguide-ring structure for plasmonic temperature sensor and sucrose concentration detector		2022	Optik
Enhanced Heat Transfer Using Oil-Based Nanofluid Flow through Conduits: A Review		2022	Energies
Enhanced photocatalytic activity of Sn-ZnO nanorods for methylene blue dye degradation		2022	Materials Letters
Enhanced structural and magnetic properties of Al-Cr-substituted SrFe ₁₂ O ₁₉ hexaferrite system		2022	Applied Physics A: Materials Science and Processing
Enhancement of heat transfer of SiO ₂ -H ₂ O based nanofluid flow through 45° angled slot ribbed square duct		2022	Materials Today: Proceedings
Environmental impact of COVID-19 Vaccine waste: A perspective on potential role of natural and biodegradable materials		2022	Journal of Environmental Chemical Engineering
Environmental Pollution Remediation via Photocatalytic Degradation of Sulfamethoxazole from Waste Water Using Sustainable Ag ₂ S/Bi ₂ S ₃ /C ₃ N ₄ Nano-Hybrids		2022	Earth Systems and Environment
Environment-friendly and biodegradable α-Fe ₂ O ₃ /C ₂ O ₂ H ₃ BO ₁₁ nanocomposite growth to lengthen the Solanum lycopersicum storage process		2022	Advances in Natural Sciences: Nanoscience and Nanotechnology
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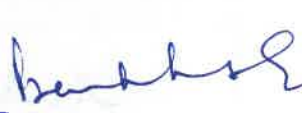

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Erratum to: Measurement of exclusive Y photoproduction from protons in pPb collisions at s _{NN} = 5.02 TeV (The European Physical Journal C, (2019), 79, 3, (277), 10.1140/epjc/s10052-019-7000-2)	Sirunyan, A.M. et al.	2022	European Physical Journal C
Erratum to: Measurement of the top quark mass with lepton+jets final states using pp collisions at s = 13 TeV (The European Physical Journal C, (2018), 78, 11, (891), 10.1140/epjc/s10052-018-6000-2)	Sirunyan, A.M. et al.	2022	European Physical Journal C
Erratum to: Search for new physics in dijet angular distributions using proton-proton collisions at s = 13 TeV and constraints on dark matter and other models (The European Physical Journal C, (2018), 78, 11, (891), 10.1140/epjc/s10052-018-6000-2)	Sirunyan, A.M. et al.	2022	European Physical Journal C
Erratum: Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at s = 13 TeV (Journal of High Energy Physics, (2020), 2020, 4, (171), 10.1186/1029-2805/2020/4/171)	Sirunyan, A.M. et al.	2022	Journal of High Energy Physics
ESIPT silatranyl framework and their hybrid silica nanoparticles for recognition of Zn ²⁺ ions: Synthesis, antioxidant, cytotoxicity and molecular docking approach as xanthine oxidase inhibitor	Singh, G., Devi, A., Mohit, Satija, P., Sushma, Vikas, Gonzalez-Silvera, D., Escobedo-Ruiz, C., Angeles, Sharma, K., Babaei, A., Oberoi, K., Aayush, K., Sharma, R., Sharma, S.	2022	Inorganica Chimica Acta
Essential Oil Nanoemulsion Edible Coating in Food Industry: a Review	Pathania, D., Kumar, S., Thakur, P., Chaudhary, V., Kaushik, A., Varma, R.S., Furukawa, H., Sharma, M., Singh, P., Pandhiani, S., Sangwan, V., Kumar, M., Angeles, A.	2022	Food and Bioprocess Technology
Essential oil-mediated biocompatible magnesium nanoparticles with enhanced antibacterial, antifungal, and photocatalytic efficacies	Pathania, D., Kumar, S., Thakur, P., Chaudhary, V., Kaushik, A., Varma, R.S., Furukawa, H., Sharma, M., Singh, P., Pandhiani, S., Sangwan, V., Kumar, M., Angeles, A.	2022	Scientific Reports
Estimation of ground-level O ₃ using soft computing techniques: case study of Amritsar, Punjab State, India	Sharma, K., Verma, R., Kumar, D., Nepovimova, E., Kuča, K., Kumar, A., Rajhuvanshi, D., Dhalaria, R., Angeles, A.	2022	International Journal of Environmental Science and Technology
Ethnomedicinal plants used for the treatment of neurodegenerative diseases in Himachal Pradesh, India in Western Himalaya	Sharma, K., Verma, R., Kumar, D., Nepovimova, E., Kuča, K., Kumar, A., Rajhuvanshi, D., Dhalaria, R., Angeles, A.	2022	Journal of Ethnopharmacology
Evaluating Usability in Learning Management System Using Moodle	Arora, M., Bhardwaj, I., Sonia	2022	Lecture Notes in Networks and Systems
Evaluation and Yearly Variation in Phytochemicals of Justicia adhatoda L. Growing Wildly in Western Himalayas	Jamwal, M., Puri, S., Radha, Singh, D., Pundir, A., Sharma, S., Prakash, S., Rathour, S.	2022	Annals of Agri Bio Research
Evaluation of detoxified cottonseed protein isolate for application as food supplement	Kumar, M., Potkule, J., Patil, S., Mageshwaran, V., Radha, Satankar, V., Berwal, M.K., Mahapatra, A., Angeles, A.	2022	Toxin Reviews
Evaluation of nutrients in bread: a systematic review	Aghalari, Z., Dahms, H.-U., Sillanpää, M.	2022	Journal of Health, Population and Nutrition
Evidence for X(3872) in Pb-Pb Collisions and Studies of its Prompt Production at s _{NN} =5.02 TeV	Sirunyan, A.M. et al.	2022	Physical Review Letters
Evolution and Evaluation: Sarcasm Analysis for Twitter Data Using Sentiment Analysis	Bhakuni, M., Kumar, K., Sonia, Iwendi, C., Singh, A.	2022	Journal of Sensors
Examining the acceptability of e-Learning: A Case of a Private University in India	Shard, Koul, S., Kumar, D.	2022	2022 International Conference on Information and Communication
Exergy analysis of various solar thermal collectors	Priyanka, Kumar, S., Kumar, A., Maithani, R., Sharma, S., Singh, D.	2022	Materials Today: Proceedings
Experimental and DFT explorations of tert-butyl(1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-oxopropan-2-yl)-carbamate on CRCA metal in 1M HCl solution	Rao, S., Suhas, R., Mahadevaswamy, M., Pradeep, Kumar, C.B., Jayaprakash, G.K., Sowmyashree, A.S., Kumar, P., Soni, I., Kudur Jayaprakash, G., Kumar, S., Rao, S., Flores-Moreno, R., Sowmyashree, A.S., Sharma, A., Awasthi, A., Singh, T., Kumar, R., Chauhan, R.	2022	Results in Surfaces and Interfaces
Experimental and theoretical studies of hexylmethylimidazolium tetrafluoroborate ionic liquid as cathodic corrosion inhibitor for mild steel	Rao, S., Suhas, R., Mahadevaswamy, M., Pradeep, Kumar, C.B., Jayaprakash, G.K., Sowmyashree, A.S., Kumar, P., Soni, I., Kudur Jayaprakash, G., Kumar, S., Rao, S., Flores-Moreno, R., Sowmyashree, A.S., Sharma, A., Awasthi, A., Singh, T., Kumar, R., Chauhan, R.	2022	Inorganic Chemistry Communications
Experimental investigation and optimization of potential parameters of discrete V down baffled solar thermal collector using hybrid Taguchi-TOPSIS method	Ragul, V., Chitra, B., Valliammai, C.T., Suresh, P., Doss, A., Prabhu, K., Thakur, N., Ahmed, I.N., Rather, I.I.G., Behl, T., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Bhatia, S., AL-Harrasi, A., Khan, N., Sharma, B., Hussain, T., Khan, M.A., Jaiswal, V.	2022	Applied Thermal Engineering
Experimental investigation on Defluoridation Competency of mesoporous Prosopis juliflora wood based biomaterials	Ragul, V., Chitra, B., Valliammai, C.T., Suresh, P., Doss, A., Prabhu, K., Thakur, N., Ahmed, I.N., Rather, I.I.G., Behl, T., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Bhatia, S., AL-Harrasi, A., Khan, N., Sharma, B., Hussain, T., Khan, M.A., Jaiswal, V.	2022	Results in Materials
Exploration of potential role of Rho GTPase in nicotine dependence-induced withdrawal syndrome in mice	Ragul, V., Chitra, B., Valliammai, C.T., Suresh, P., Doss, A., Prabhu, K., Thakur, N., Ahmed, I.N., Rather, I.I.G., Behl, T., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Bhatia, S., AL-Harrasi, A., Khan, N., Sharma, B., Hussain, T., Khan, M.A., Jaiswal, V.	2022	Environmental Science and Pollution Research
Exploring AT2R and its Polymorphism in Different Diseases: An Approach to Develop AT2R as a Drug Target beyond Hypertension	Ragul, V., Chitra, B., Valliammai, C.T., Suresh, P., Doss, A., Prabhu, K., Thakur, N., Ahmed, I.N., Rather, I.I.G., Behl, T., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Bhatia, S., AL-Harrasi, A., Khan, N., Sharma, B., Hussain, T., Khan, M.A., Jaiswal, V.	2022	Current Drug Targets
Exploring phytochemical composition, photocatalytic, antibacterial, and antifungal efficacies of Au NPs supported by Cyombojion flexuosus essential oil	Pathania, D., Sharma, M., Thakur, P., Chaudhary, V., Kaushik, A., Furukawa, H., Khosla, A., Nijhawan, P., Behl, T., Chigurupati, S., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Ahmed, A.S., Das, Sehgal, A., Behl, T., Singh, S., Sharma, N., Albratty, M., Alhazmi, H.A., Meraya, A.M., Aleva, L., Sharma, Huang, Y., Kabir, M.A., Upadhyay, U., Dhar, E., Uddin, M., Sied-Abdul, S.	2022	Scientific Reports
Exploring the effect of Crinum latifolia in obesity: possible role of oxidative, angiogenic, and inflammatory pathways	Pathania, D., Sharma, M., Thakur, P., Chaudhary, V., Kaushik, A., Furukawa, H., Khosla, A., Nijhawan, P., Behl, T., Chigurupati, S., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Ahmed, A.S., Das, Sehgal, A., Behl, T., Singh, S., Sharma, N., Albratty, M., Alhazmi, H.A., Meraya, A.M., Aleva, L., Sharma, Huang, Y., Kabir, M.A., Upadhyay, U., Dhar, E., Uddin, M., Sied-Abdul, S.	2022	Environmental Science and Pollution Research
Exploring the pivotal role of endothelin in rheumatoid arthritis	Pathania, D., Sharma, M., Thakur, P., Chaudhary, V., Kaushik, A., Furukawa, H., Khosla, A., Nijhawan, P., Behl, T., Chigurupati, S., Sehgal, A., Singh, S., Sharma, N., Sharma, A., Ahmed, A.S., Das, Sehgal, A., Behl, T., Singh, S., Sharma, N., Albratty, M., Alhazmi, H.A., Meraya, A.M., Aleva, L., Sharma, Huang, Y., Kabir, M.A., Upadhyay, U., Dhar, E., Uddin, M., Sied-Abdul, S.	2022	Inflammopharmacology
Exploring the Potential Use of Wearable Devices as a Prognostic Tool among Patients in Hospice Care	Huang, Y., Kabir, M.A., Upadhyay, U., Dhar, E., Uddin, M., Sied-Abdul, S.	2022	Medicina (Lithuania)
Exploring the role of antibiotics and steroids in managing respiratory diseases	Chellappan, D.K., Prasher, P., Shukla, S.D., Yee, T.W., Kah, T.K., Xuan, T.W., Kid, T.W., Si, T.H., Weng, Babaei, A., Moradi, S., Hoseinkhani, Z., Rezazadeh, D., Dokaneheifard, S., Asadpour, R., Sharma, G., Dutta, K., Thakur, A., Singh, S., Chauhan, P., Manorma, K., Kumar, V., Chauhan, P.K.	2022	Journal of Biochemical and Molecular Toxicology
Expression of Hypoxia-Inducible Factor1-α in Varicocele Disease: a Comprehensive Systematic Review	Chellappan, D.K., Prasher, P., Shukla, S.D., Yee, T.W., Kah, T.K., Xuan, T.W., Kid, T.W., Si, T.H., Weng, Babaei, A., Moradi, S., Hoseinkhani, Z., Rezazadeh, D., Dokaneheifard, S., Asadpour, R., Sharma, G., Dutta, K., Thakur, A., Singh, S., Chauhan, P., Manorma, K., Kumar, V., Chauhan, P.K.	2022	Reproductive Sciences
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Fabrication and characterization of xanthan gum-cl-poly(Acrylamide-co-alginate acid) hydrogel for adsorption of cadmium ions from aqueous medium	Sharma, G., Kumar, A., Ghfar, A.A., Garcia-Peñas, A., Naushad, M., Stadler, F.J.	2022	Gels
Fabrication and theoretical analysis of sodium alpha-olefin sulfonate-anchored carbon paste electrode for the simultaneous detection of adrenaline and paracetamol	Naik, T.S.S.K., Swamy, B.E.K., Singh, S., Singh, J., Naik, E.J., Jayaprakash, G.K., Ramamurthy, P.C.	2022	Journal of Applied Electrochemistry
Fabrication of Antioxidant and Antimicrobial Pullulan/Gelatin Films Integrated with Grape Seed Extract and Sulfur Nanoparticles	Roy, S., Ezati, P., Rhim, J.-W.	2022	ACS Applied Bio Materials
Fabrication of brewer's spent grain fortified bio-based edible bowls: a promising alternative to plastic containers	Nehra, A., Biswas, D., Roy, S.	2022	Biomass Conversion and Biorefinery
Fabrication of copper oxide nanoparticles via microwave and green approaches and their antimicrobial potential	Chauhan, A., Kumari, S., Verma, R., Dutta, V., Ghotekar, S., Kaur, M., Kulshrestha, S., Singh, K., Thakur, N., Sharma, V., Singh, T.A., Pabbathi, A., Das, J.	2022	Chemical Papers
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Facile metal-free visible-light-mediated chlorotrifluoromethylation of terminal alkenes	Rao, V.R., Patil, K.T., Kumar, D., Sebastian, S., Gupta, M.K., Shin, D.-S., Devi, N., Lin, P.-C., Liu, Y.-J., Tsai, T.-Y., Chen, K.-T., Hong, S.-T., Tran, X.V.	2022	Monatshhefte für Chemie
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Fault Detection and Torque Control in BLDC Motor using AI	Kaliyaperumal, K., Kumar, T.S., Kant, R., Mahdi, Abdulridha, M., Ramya, D., Gehlot, A.	2022	Proceedings of the 2022 International Conference on Innovative Computing
Fe ²⁺ , Fe ³⁺ , Co ²⁺ as highly efficient cocatalysts in the homogeneous electro-Fenton process for enhanced treatment of real pharmaceutical wastewater	Quang, H.H.P., Dinh, N.T., Thi, T.N.T., Bao, L.T.N., Yuvakkumar, R., Nguven, V.-H.	2022	Journal of Water Process Engineering
Feasibility analysis for conversion of existing traditional waterfalls in Western Himalayan region of India to micro-hydro power plants using a low head Archimedes screw turbine for rural	Kashyap, K., Thakur, R., Kumar, R., Kumar, S.	2022	International Journal of Ambient Energy
Flavan-based phytoconstituents inhibit Mpro, a SARS-COV-2 molecular target, in silico	Mukherjee, S., Sharma, D., Sharma, A.K., Jaiswal, S., Sharma, N., Borah, S., Kaur, G.	2022	Journal of Biomolecular Structure and Dynamics
Flavonoid-attracted Aeromonas sp. from the Arabidopsis root microbiome enhances plant dehydration resistance	He, D., Singh, S.K., Peng, L., Kaushal, R., Wilchez, J.J., Shao, C., Wu, X., Zhen, S., Morcillo, R.J.L., Thakur, N., Sadukhan, P., Kundu, M., Abhishek Singh, T., Hatimuria, M., Pabbathi, A., Das, J., Sil, Jadaun, J.S., Chowik, M., Bose, S.K., Kumari, S., Sangwan, N.S.	2022	ISME Journal
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Food and Vegetables as Source of Phytoactives for Immunomodulation	Jadaun, J.S., Chowik, M., Bose, S.K., Kumari, S., Sangwan, N.S.	2022	Plants and Phytomolecules for Immunomodulation: Recent Trends and
Food fermentation – Significance to public health and sustainability challenges of modern diet and food systems	Rastogi, Y.R., Thakur, R., Thakur, P., Mittal, A., Chakrabarti, S., Siwal, S.S., Thakur, V.K., Saini, R.V.,	2022	International Journal of Food Microbiology


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Gelatin/agar-based multifunctional film integrated with copper-doped zinc oxide nanoparticles and clove essential oil Pickering emulsion for enhancing the shelf life of pork	Sillanpää, M. Park, Y.	2022	Food Research International
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General Introduction	Roy, S. Rhim, J.-W.	2022	Natural Organic Matter in Water: Characterization, Treatment Methods
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Genetic diversity assessment and biotechnological aspects in Aristolochia spp.	Rachappanavar, V. Padiyal, A. Sharma, J.K.	2022	Applied Microbiology and Biotechnology
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Genotyping of Seeds While Preserving Their Viability	Kong, E.D.H. Chau, J.H.F. Lai, C.W. Khe, C.S. Sharma, G. Kumar, A. Sienichin, S. Sanjay, M.R. Sbeah, Z.A. Dwivedi, R.P. Sorathiya, V. Chauhan, D. Adhikari, R.	2022	Genotyping by Sequencing for Crop Improvement
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Green aspects of photocatalysts during corona pandemic: a promising role for the deactivation of COVID-19 virus	Kumar, M. Kapoor, S. Dhupal, S. Tkaczewska, J. Chanjani, S. Saurabh, V. Mekhemar, M. Radha Sharma, G. Kumar, A. Naushad, M. Dhiman, P. Thakur, B. García-Peñas, A. Stadler, F.J.	2022	AIP Conference Proceedings
Green synthesis characterization of silver oxide nanoparticles using bergenia ciliata rhizome extract	Aggarwal, K. Mijwil, M.M. Sonia Al-Mistarehi, A.-H. Alomari, S. Gök, M. ZelnAlaabdin, A.M.	2022	Green Processing and Synthesis
Green synthesis of nano-propolis and nanoparticles (Se and Ag) from ethanolic extract of propolis: their biochemical characterization: A review	Ma, J. Li, S.-L. Chen, Y. Yue, F.-J. Shaheen, S.M. Mairashi, A. Ali, E.F. Antoniadis, V. Rinklebe, J.	2022	Results in Chemistry
Green synthesis of ZnO nanoparticles using Ficus palmata: Antioxidant, antibacterial and antidiabetic studies	Wassie, B. Gintamo, B. Mekuria, Z.N. Gizaw, Z.	2022	Biogerontology
Green tea EGCG effectively alleviates experimental colitis in middle-aged male mice by attenuating multiple aspects of oxo-inflammatory stress and cell cycle deregulation	Sharma, A.K. Kapoor, V.K. Kaur, G.	2022	Plasmonics
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Gum Acacia-Crosslinked-Poly(Acrylamide) Hydrogel Supported C3N4/BiOI Heterostructure for Remediation of Noxious Crystal Violet Dye	Batoo, K.M. Hadi, M. Chauhan, A. Verma, R. Singh, M. Aldossary, O.M. Bharajava, G.K.	2022	Applied Physics A: Materials Science and Processing
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Hazardous toxic metal(loid)s in top- and deep-soils during the transformation of aquaculture ponds restored to farmland	Seth, A. Devi, E. Thakur, K. Attri, C. Singh, V. Bhandari, A. Singh, M. Seth, M.K.	2022	BioNanoScience
Healthcare Waste Management Practices and Associated Factors in Private Clinics in Addis Ababa, Ethiopia	Pathania, S. Pathania, D. Chauhan, P. Sharma, M.	2022	Toxin Reviews
Herb-drug interactions: a mechanistic approach	Hoseini, S.M. Sinha, R. Fazal, A. Khosravi, K. Hosseiniour Delavar, F. Arshideh, M. Sedashat, M. Sharma, S. Chauhan, A. Kumar, R. Dobhal, S. Kaur, R. Kumar, K. Verma, K.	2022	Journal of Experimental Zoology Part A: Ecological and Integrative Physiology
Hexavalent chromium adsorption onto environmentally friendly mesquite gum-based polyurethane foam	Sharma, S. Chauhan, A. Kumar, R. Dobhal, S. Kaur, R. Kumar, K. Verma, K.	2022	Genetic Resources and Crop Evolution
High interfacial charge separation in visible-light active Z- scheme g-C ₃ N ₄ /MoS ₂ heterojunction: Mechanism and degradation of sulfasalazine	Thakur, D.J. Verma, P.	2022	Lecture Notes in Networks and Systems
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Identification and Quantification of six natural compounds from Picrorhiza kurroa leaf extract and their Antibacterial and Antioxidant activity	Singh, G. Bisht, D. Arya, R.K.K. Kumar, S. Kumar, D. Dash, A.K.	2022	Research Journal of Pharmacy and Technology
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Imperative role of electron microscopy in toxicity assessment: A review	Grover, A. Sinha, R. Jyoti, D. Faggio, C.	2022	Microscopy Research and Technique
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Improving the redox performance of photocatalytic materials by cascade-type charge transfer: a review	Sharma, K. Kumar, A. Ahmad, T. Alshehri, S.M. Singh, P. Thakur, S. Van Le, Q. Wang, C. Huynh, T.	2022	Environmental Chemistry Letters
In silico study to predict promiscuous T cell and B cell-epitopes derived from the vaccine candidate antigens of Plasmodium vivax binding to MHC class-II alleles	Khan, N. Bin-Mwena, M. Alruways, M. Allehyani, N.M. Alanzai, M. Shahzadi, Khan, A. Sehgal, R.	2022	Journal of Vector Borne Diseases
In vitro and in silico analysis of Thymus serpyllum essential oil as bioactivity enhancer of antibacterial and antifungal agents	Salaria, D. Roita, R. Patel, C.N. Dev, K. Sourirajan, A. Kumar, V.	2022	Journal of Biomolecular Structure and Dynamics
In vitro propagation and secondary metabolite production in Gloriosa superba L	Sanyal, R. Nandi, S. Pandey, S. Das, T. Kaur, P. Konjengbam, M. Kant, N. Rahman, M.H. Mundhra, Vimal, S.K. Cao, H. Dubey, A. Agrawal, L. Pathak, N. Zuo, H. Kumar, D. Bhattacharya, S.	2022	Applied Microbiology and Biotechnology
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Increasing the efficiency of reduced graphene oxide obtained via high temperature electrochemical calcination process for the electrochemical detection of dopamine	Gupta, M. Kaur, G. Sharma, V. Nagarkar, R. Shandilya, M.	2022	Journal of Electroanalytical Chemistry
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Influence of Active Water Stream, Irradiance, Ambient Temperature, and Wind Speed on The Efficiency of Fresnel Lens Based Two Stage PVT System	Singhy, A. Thakur, R. Kumar, R. Kumar, S. Kumar, S. Thapa, S.	2022	Thermal Science
Influence of artificial roughness parametric variation on thermal performance of solar thermal collector: An experimental study, response surface analysis and ANN modelling	Kumar, R. Nadda, R. Kumar, S. Razak, A. Sharifpur, M. Aybar, H.S. Ahamed Saleel, C. Afzal, Priya, G.V. Murali, N. Raju, M.K. Krishan, B. Parathil, D. Choppara, P. Sekhar, B.C. Verma, R.	2022	Sustainable Energy Technologies and Assessments
Influence of Cr3+ substituted NiZnO nano-ferrites: structural, magnetic and DC electrical resistivity properties	Thapa, S. Kumar, R. Kumar, K. Thakur, R. Rana, R.	2022	Applied Physics A: Materials Science and Processing
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Inhibition of the bacterial growth as a consequence of synergism of Ag and ZnO: Calendula officinalis mediated green approach for nanoparticles and impact of altitude	Sharma, M. Bassi, H. Chauhan, P. Thakur, P. Chauhan, A. Kumar, R. Kollarslowda, R.H. Thakur, Taneja, A. Sharma, R. Ayush, K. Sharma, A. Mousavi Khanehshahi, A. Reitenstein, J.M. Barba, Aayush, K. McClements, D.J. Sharma, S. Sharma, R. Singh, G.P. Sharma, K. Oberoi, K.	2022	Inorganic Chemistry Communications
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Jamun (<i>Syzygium cumini</i> (L.) Skeels) seed bioactives and its biological activities: A review	Kumar, M. Hasan, M. Lorenzo, J.M. Dhumal, S. Nishad, J. Rais, N. Verma, A. Changan, S.	2022	Food Bioscience
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Mechanistic understanding of Nickel(II) adsorption onto fluorapatite-based natural phosphate via Rietveld refinement combined with Monte Carlo simulations	El Kaim Billah, R. El Bachraoui, F. El Ibrahim, B. Abou Oualid, H. Kassab, Z. Giacomani-Vallejos, G. Sharma, T. Xia, C. Sharma, A. Raizada, P. Singh, P. Sharma, S. Sharma, P. Kumar, S. Lam, S. Mohammed, T. Mahmud, S. Gintamo, B. Mekuria, Z.N. Gizaw, Z.	2022	Bioengineered
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Metallic nanoparticles for catalytic reduction of toxic hexavalent chromium from aqueous medium: A state-of-the-art review	Bashir, M.S. Ramzan, N. Najam, T. Abbas, G. Gu, X. Arif, M. Qasim, M. Bashir, H. Shah, S.S.A.	2022	Journal of Environmental Chemical Engineering
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Micro-ultrasonic Assessment of Early Stage Clot Formation and Whole Blood Coagulation Using an AI-Optical Ultrasound Transducer and Adaptive Signal Processing Algorithm	Biswas, D. Heo, J. Sang, P. Dey, P. Han, K. Ko, J.H. Won, S.M. Son, D. Suh, M. Kim, H.S. Ok, Kumar, V. Arora, N. Pandey, S. Jaiswal, K.K. Nanda, M. Vlskin, M.S. Chauhan, P.K.	2022	Biomass Conversion and Biorefinery
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Microwave-Induced CuO Nanorods: A Comparative Approach between Curcumin, Quercetin, and Rutin to Study Their Antioxidant, Antimicrobial, and Anticancer Effects against Normal Skin	Mansi, K. Kumar, R. Narula, D. Pandey, S.K. Kumar, V. Singh, K.	2022	Journal of Food Science and Technology
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Molecular aspects of Omicron, vaccine development, and recombinant strain XE: A review	Akash, K. Sharma, A. Kumar, D. Singh, S.K. Gupta, G. Chellappan, D.K. Dua, K. Nairatik, R. Rotta, R. Salari, D. Kumar, V. Patel, C.N. Sourirajan, A. Bauml, D.J. Dev, K. Kumar, L. Patel, S.K.S. Kharga, K. Kumar, R. Kumar, P. Pandohee, J. Kulshresha, S. Harjai, K. Thakur, V. Thakur, P. Srivastava, S. Kumar, P.	2022	Journal of Biomolecular Structure and Dynamics
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Nano-insecticide: synthesis, characterization, and evaluation of insecticidal activity of ZnO NPs against Spodoptera litura and Macrosiphum euphorbiae	Thakur, P. Thakur, S. Kumari, P. Shandilya, M. Sharma, S. Poozal, P. Alarfat, A.A. Sayed, R.Z. Sharma, S. Shree, B. Aditika Sharma, A. Irfan, M. Kumar, P.	2022	Applied Nanoscience (Switzerland)
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Nanotechnologies for microbial inoculants as biofertilizers in the horticulture	Kour, H. Khan, S.S. Kour, D. Singh, S. Kumari, S. Kaur, M. Khan, R.T. Yadav, A.N.	2022	Sustainable Horticulture: Microbial Inoculants and Stress Interaction
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Napier natural fibre used as reinforcement polymer composite: As asbestos free brake friction material	Kumar, N. Singh, A. Singh, S. Singh, J.P. Kumar, S.	2022	Materials Today: Proceedings
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NEED TO FOCUS ON INHIBITORY ACTIVITY OF BENZIMIDAZOLE ANALOGUES AGAINST INDOLAMINE 2,3-DIOXYGENASE-1 (IDO-1)	Sharma, A. Tonk, R. Shekhar, R. Dohare, S. Kumar, D.	2022	EXCLI Journal
Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases	Mitra, S. Anand, U. Sanyal, R. Jha, N.K. Behl, T. Mundhra, A. Ghosh, A. Radha Kumar, M. Bhola, S. Trisat, J. Thakur, V. Kaur, P. Kulshrestha, S. Bhatia, S.K. Kumar, P.	2022	Biomedicine and Pharmacotherapy
Neurological toll of COVID-19	Sharifi-Rad, J. Almarhoon, Z.M. Adetunji, C.O. Samuel Michael, O. Chandran, D. Radha, R. Singh, G. Satija, P. Lin, F.-S. Pawan Mohit Sushma Priyanka Kaur, J. Ho, K.-C.	2022	Neurological Sciences
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Selective Synthesis of Bis-Heterocycles via Mono- and Di-Selenylation of Pyrazoles and Other Heteroarenes	Kour, J. Khajuria, P. Verma, P.K. Kapoor, N. Kumar, A. Sawant, S.D.	2022	ACS Omega
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Space Travel and its Impact on Human Physiology: Is Space Truly for All?	Kaur, S. Chalotra, V.K. Jasrotia, R. Bhasin, V. Suman Kumari, S. Thakur, S. Ahmed, J. Mehtab, Bisht, A. Zuniga-Bustos, M. Prasher, G. Gautam, S. Poblete, H. Singh, R.P.	2022	Optical Materials
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Tailoring the structural and magnetic traits of copper modified BaFe ₁₂ O ₁₉ nanostructured hexaferrites for recording media application	Sharma, A. Jasrotia, R. Kumari, N. Kumar, S. Suman Verma, A. Kumar Godara, S. Ahmed, J. Saxena, J. Bisen, M. Misra, A. Srivastava, V.K. Kaushik, S. Siddiqui, A.J. Mishra, N. Singh, A.	2022	Journal of Magnetism and Magnetic Materials
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Theoretical analysis of VO ₂ filled double rectangular cavity-based coupled resonators for plasmonic active switch/modulator and band pass filter applications	Chauhan, D. Sbeah, Z. Adhikari, R. Thakur, M.S. Chang, S.H. Dwivedi, R.P.	2022	Optical Materials
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Theoretical and experimental study of the phase coexistence and impedance response in multiferroic Gd doped La _{0.665} Bi _{0.335} Bi _{0.005} Gd _{0.005} xO ₃ ceramics	Kumari, S. Thakur, S. Nanda, D. Rai, R. Kumar, P. Rani, R. Chatterjee, R.	2022	Journal of Materials Research and Technology
Therapeutic and diagnostic applications of nanocomposites in the treatment Alzheimer's disease studies	Dan, S. Sharma, D. Rastogi, K. Shaloo Ojha, H. Pathak, M. Singh, R.	2022	Biointerface Research in Applied Chemistry
Therapeutic Potential of Cannabinoids on Tumor Microenvironment: A Molecular Switch in Neoplasia Transformation	Bakshi, H.A. Faruck, H.L. Ravesh, Z. Ansari, P. Hannan, J.M.A. Hashimoto, R. Takayama, K.	2022	Integrative Cancer Therapies
Therapeutic uses of wild plant species used by rural inhabitants of Kangra in the western Himalayan region	Kumari, N. Radha Kumar, M. Mekhemar, M. Lorenzo, J.M. Pundir, A. Devi, K.B. Prakash, S.	2022	South African Journal of Botany
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Traditional uses, phytochemistry, pharmacology and toxicology of garlic (Allium sativum), a storehouse of diverse phytochemicals: A review of research from the last decade focusing on Transition metal complexes of triazole-based bioactive ligands: synthesis, spectral characterization, antimicrobial, anticancer and molecular docking studies	Tudu, C.K. Dutta, T. Ghorai, M. Biswas, P. Samanta, D. Oleksak, P. Jha, N.K. Kumar, M. Deswal, Y. Asija, S. Kumar, D. Jindal, D.K.	2022	Frontiers in Nutrition
Treatment strategies for HIV infection with emphasis on role of CRISPR/Cas9 gene: Success so far and road ahead	Chandan, G. Panwar, V. Sarova, S. Kumar, N. Jena, R. Vishwas, S. Kumar, R. Kaur, J. Khurshed, R. Gulati, M. Singh, T.G. Vanathi, B.M. Alam, A. Shukla, M.K. Dong, W.-L. Azizov, S. Singh, K.R. Kumar, D. Singh, R.P. Singh, J.	2022	Research on Chemical Intermediates
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Ultrasonic-assisted synthesis of xanthan gum/ZnO hydrogel nanocomposite for the removal of methylene blue from an aqueous solution	Biswas, P. Anand, U. Ghorai, M. Pandey, D.K. Jha, N.K. Behl, T. Kumar, M. Chauhan, R. Shekhawat, Verma, P.K. Sawant, S.D.	2022	Materials Letters
Ultrasonication induced synthesis of TPGS stabilized clove oil nanoemulsions and their synergistic effect against breast cancer cells and harmful bacteria	Tan, C.L. Chan, Y. Candasamy, M. Chellian, J. Madheswaran, T. Sakthivel, L.P. Patel, V.K.	2022	Materials Letters
Unraveling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges	Nandy, S. Das, T. Tudu, C.K. Mishra, T. Ghorai, M. Gadekar, V.S. Anand, U. Kumar, M. Behl, T.	2022	Journal of Molecular Liquids
Unravelling reaction selectivities via bio-inspired porphyrinoid tetradentate frameworks	Mitra, S. Anand, U. Ghorai, M. Vellingiri, B. Jha, N.K. Behl, T. Kumar, M. Radha Shekhawat, M.S. Shukla, M.K. Monika Thakur, A. Verma, R. Lalithamawla, H. Bhattacharya, S. Bisht, D.	2022	Biotechnology Journal
Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models	Kumar, A. Poddar, A. Nautiyal, A.	2022	Coordination Chemistry Reviews
Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics	Tan, C.L. Chan, Y. Candasamy, M. Chellian, J. Madheswaran, T. Sakthivel, L.P. Patel, V.K.	2022	European Journal of Pharmacology
Unravelling the Therapeutic Potential of Botanicals Against Chronic Obstructive Pulmonary Disease (COPD): Molecular Insights and Future Perspectives	Nandy, S. Das, T. Tudu, C.K. Mishra, T. Ghorai, M. Gadekar, V.S. Anand, U. Kumar, M. Behl, T.	2022	Applied Microbiology and Biotechnology
Unravelling the therapeutic potential of orchid plant against cancer	Mitra, S. Anand, U. Ghorai, M. Vellingiri, B. Jha, N.K. Behl, T. Kumar, M. Radha Shekhawat, M.S. Shukla, M.K. Monika Thakur, A. Verma, R. Lalithamawla, H. Bhattacharya, S. Bisht, D.	2022	Frontiers in Pharmacology
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Using Z Boson Events to Study Parton-Medium Interactions in Pb-Pb Collisions	Kumar, A. Poddar, A. Nautiyal, A.	2022	Lecture Notes in Civil Engineering
Using ZrO ₂ coated sludge from drinking water treatment plant as a novel adsorbent for nitrate removal from contaminated water	Sirunyan, A.M. et al.	2022	Physical Review Letters
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Utilization of sludge-based alginate beads for the application of rare earth elements (REEs) recovery from wastewater: A waste to resource approach	Rumky, J. Deb, A. Ramasamy, D.L. Sillanpää, M. Häkkinen, A. Repo, E.	2022	Journal of Cleaner Production
Valorisation of xylose to renewable fuels and chemicals, an essential step in augmenting the commercial viability of lignocellulosic biorefineries	Narisetty, V. Cox, R. Bommarreddy, R. Agrawal, D. Ahmad, E. Pant, K.K. Chandel, A.K. Bhatia, S.K.	2022	Sustainable Energy and Fuels
Valorization Potential of Tomato (<i>Solanum lycopersicum</i> L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Foods	Kumar, M. Chandran, D. Tomar, M. Bhuyan, D.J. Grasso, S. Sá, A.G.A. Carciofi, B.A.M. Radha	2022	Horticulturae
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Vermicompost and Its Derivatives against Phytopathogenic Fungi in the Soil: A Review	Gudeta, K. Bhagat, A. Julka, J.M. Sinha, R. Verma, R. Kumar, A. Kumar, S. Ameen, F. Bhat, S.A. Prasher, P. Sharma, M. Kumar Singh, S. Gulati, M. Kumar, D. Gupta, G. Kumar Chellappan, D.	2022	Horticulturae
Versatility of acetalated dextran in nanocarriers targeting respiratory diseases	Satija, S. Dhanjal, D.S. Sharma, P. Hussain, M.S. Chan, Y. Ng, S.W. Prasher, P. Dureja, H. Chopra, Vimala, Y. Lavania, U.C. Banerjee, R. Lavania, S. Mukherjee, A.	2022	Materials Letters
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Vetiver Grass Environmental Model for Rehabilitation of Iron Overburden Soil: An Ecosystem Service Approach		2022	National Academy Science Letters
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Wave height predictions in complex sea flows through soft-computing models: Case study of Persian Gulf	Sadeghifar, T. Lama, G.F.C. Sihag, P. Bayram, A. Kisi, O.	2022	Ocean Engineering
Waves and variants of SARS-CoV-2: understanding the causes and effect of the COVID-19 catastrophe	Thakur, V. Bhoia, S. Thakur, P. Patel, S.K.S. Kulshrestha, S. Ratho, R.K. Kumar, P.	2022	Infection
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ZrO ₂ -Based Photocatalysts for Wastewater Treatment: From Novel Modification Strategies to Mechanistic Insights	Rani, V. Sharma, A. Kumar, A. Singh, P. Thakur, S. Singh, A. Le, Q.V. Nguyen, V.H. Raizada, P.	2022	Catalysts
In silico screening of hundred phytochemicals of ten medicinal plants as potential inhibitors of nucleocapsid phosphoprotein of COVID-19: an approach to prevent virus assembly	Rolta, R. Yadav, R. Salaria, D. Trivedi, S. Imran, M. Sourirajan, A. Bauml, D.J. Dev, K.	2021	Journal of Biomolecular Structure and Dynamics
"Kalpa 1" a new late colour development apple (<i>Malus domestica</i> Borkh.) bud sport originated from cv. Starking Delicious	Prasad, H. Kumar, K. Thakur, D.S.	2021	Genetic Resources and Crop Evolution
A benchmark comparison and optimization of Gaussian process regression, support vector machines, and M5P tree model in approximation of the lateral confinement coefficient for A Bioinformatics Approach for the Prediction of Immunogenic Properties and Structure of the SARS-CoV-2 B.1.617.1 Variant Spike Protein	Yetilmezsoy, K. Sihag, P. Kiyan, E. Doran, B.	2021	Engineering Structures
A comparative study of antimicrobial and anti-inflammatory efficiency of modified solvent evaporated and vacuum oven dried bioactive components of <i>Pleurotus florida</i>	Srivastava, V.K. Kaushik, S. Bhargava, G. Jain, A. Saxena, J. Jyoti, A.	2021	BioMed Research International
A comprehensive checklist of the earthworms (Annelida: Clitellata: Megadrili) of Sri Lanka, a component of the Western Ghats - Sri Lanka biodiversity hotspot	Bains, A. Chawla, P. Tripathi, A. Sadh, P.K.	2021	Journal of Food Science and Technology
A comprehensive review of performance analysis of with and without fins solar thermal collector	Narayanan, S.P. Kumari, S. Kuriel, V.T. Thomas, A.P. Paliwal, R. Julka, J.M.	2021	Travaux du Museum National d'Histoire Naturelle Grijiore Antioa
A comprehensive review on the heat transfer and nanofluid flow characteristics in different shared channels	Kumar, S. Kumar, A.	2021	Frontiers In Heat and Mass Transfer
A copper-specific microbial fuel cell biosensor based on riboflavin biosynthesis of engineered <i>Escherichia coli</i>	Thakur, N. Kumari, C. A.K. Dev, V.	2021	International Journal of Ambient Energy
A global comparison of Implementation and effectiveness of materiovigilance program: overview of regulations	Zhou, T. Li, R. Zhang, S. Zhao, S. Sharma, M. Kulshrestha, S. Khan, A. Kakade, A. Han, H. Niu, Joshi, D. Sharma, I. Gupta, S. Singh, T.G. Dhiman, S. Prashar, A. Gulati, M. Kumar, B. Vishwas, S.	2021	Biotechnology and Bioengineering
A holistic overview of different species of <i>Potentilla</i> a medicinally important plant along with their pharmaceutical significance: A review	Kumari, S. Seth, A. Sharma, S. Attri, C.	2021	Environmental Science and Pollution Research
A Literature-Based Update on <i>Benincasa hispida</i> (Thunb.) Cogn.: Traditional Uses, Nutraceutical, and Phytochemical Profiles	Islam, M.T. Quispe, C. El-Kersh, D.M. Shill, M.C. Bhardwai, K. Bhardwai, P. Sharifi-Rad, J. Martorell, Shandilya, P. Guleria, A. Fang, B.	2021	Journal of Herbal Medicine
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A New Entropy Measurement for the Analysis of Uncertain Data in MCDA Problems Using Intuitionistic Fuzzy Sets and COPRAS Method	Thakur, P. Kizielewicz, B. Gandotra, N. Shekhovtsov, A. Saini, N. Saied, A.B. Salabun, W.	2021	Microbial Management of Plant Stresses: Current Trends, Application and
A new integrated single-diode solar cell model for photovoltaic power prediction with experimental validation under real outdoor conditions	Malik, P. Chandel, S.S.	2021	Axioms
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A novel herbal hydrogel formulation of <i>moringa oleifera</i> for wound healing	All, A. Garg, P. Goyal, R. Kaur, G. Li, X. Negi, P. Valis, M. Kuca, K. Kulshrestha, S.	2021	Journal of Inorganic and Organometallic Polymers and Materials
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A review of the current state-of-the-art in Fano resonance-based plasmonic metal-insulator-metal waveguides for sensing applications	Adhikari, R. Chauhan, D. Mola, G.T. Dwivedi, R.P.	2021	Materials Today: Proceedings
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A review on current advances in machine learning based diabetes prediction	Jaiswal, V. Negi, A. Pal, T.	2021	Nanoscale
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A review study on the active methods of heat transfer enhancement in heat exchangers using electroactive and magnetic materials	Thapa, S. Samir, S. Kumar, K. Singh, S.	2021	Materials Today: Proceedings
A roadmap towards the development of superior photocatalysts for solar-driven CO ₂ -to-fuels production	Peng, W. Chuong Nguyen, T.H. Nguyen, D.L.T. Wang, T. Van Thi Tran, T. Le, T.H. Le, H.K. Grace, Sharma, A.K.	2021	Renewable and Sustainable Energy Reviews
A Scientometric Analysis of Indian Publication Output in Clean Water and Sanitation During 2011-2020		2021	Library Philosophy and Practice
A Short Review on Electrochemical Sensing of Commercial Dyes in Real Samples Using Carbon Paste Electrodes	Soni, I. Kumar, P. Sharma, S. Kudur Jayaprakash, G.	2021	Electrochem


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A statistical quality control (SQC) methodology for gold nanoparticles based immune-chromatographic rapid test kits validation	Manta, P. Wahi, N. Bharadwaj, A. Kour, G. Kapoor, D.N.	2021	Nanoscience and Nanotechnology - Asia
A Strategy to Develop Efficient Ag3PO4-based Photocatalytic Materials Toward Water Splitting: Perspectives and Challenges	Hasija, V. Raizada, P. Hosseini-Bandegharaei, A. Thakur, V.K. Van Le, Q. Nguyen, V.-H. Singh, P.	2021	ChemCatChem
A study of magnetic properties of Y-Ni-Mn substituted CoZr-type nanohexaferrites via vibrational sample magnetometry	Singha, K. Jasrotia, R. Singh, V.P. Chandel, M. Kumar, R. Kalra, S.	2021	Journal of Sol-Gel Science and Technology
A study of wild medicinal plants used in Nargu Wildlife Sanctuary of district Mandi in Himachal Pradesh, India	Radha, R. Chauhan, P. Puri, S. Thakur, M. Rathour, S. Sharma, A.K. Pundir, A.	2021	Journal of Applied Pharmaceutical Science
Acceleration of photo-reduction and oxidation capabilities of Bi4O5I2/SPION@calcium alginate by metallic Ag: Wide spectral removal of nitrate and azithromycin	Kumar, A. Rana, A. Guo, C. Sharma, G. M Katubi, K.M. Alzahrani, F.M. Naushad, M. Sillanpää, M. Mudhoo, A. Mohan, D. Pittman, C.U. Sharma, G. Sillanpää, M.	2021	Chemical Engineering Journal
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Adsorptive-photocatalytic removal of fast sulphon black dye by using chitin-cl-poly(itaconic acid-co-acrylamide)/zirconium tetrakisulfate nanocomposite hydrogel	Hasija, V. Nguyen, V.-H. Kumar, A. Raizada, P. Krishnan, V. Khan, A.A.P. Singh, P. Lichtfouse, E.	2021	Journal of Hazardous Materials
Advanced activation of persulfate by polymeric g-C3N4 based photocatalysts for environmental remediation: A review	Rashid, M. Husain, A. Azam, F. Kumar, D.	2021	Advances in Chemistry Research, Volume 67
Advancement in chemistry and recent medicinal importance of oxadiazole	Aseeja, P. Shaikh, Y. Bajpai, A. Srisikar, P. Kalra, S.K.	2021	Parasite Immunology
Advancement in our understanding of immune response against Encephalitozoon infection	Verma, D. Dua, K. Kapoor, D.N. Bhatia, A. Chandra, S. Prasher, P. Gupta, G. Tambuwala, S. Kumar, S. Sharma, S.	2021	Advanced Drug Delivery Systems in the Management of Cancer
Advancements on microparticles-based drug delivery systems for cancer therapy	Soni, V. Xia, C. Cheng, C.K. Nguyen, V.-H. Nguyen, D.L.T. Bajpai, A. Kim, S.Y. Le, Q.V. Khan, Kumar, V. Jaiswal, K.K. Verma, M. Vlasikin, M.S. Nanda, M. Chauhan, P.K. Singh, A. Kim, H.	2021	Applied Materials Today
Advances and recent trends in cobalt-based cocatalysts for solar-to-fuel conversion	Nagraik, R. Sharma, A. Kumar, D. Mukherjee, S. Sen, F. Kumar, A.P.	2021	Science of the Total Environment
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CNS implications of COVID-19: A comprehensive review	Tran, N.T. Kumar, P.S. Van Le, Q. Van Cuong, N. Phuong, P.T.T. Jalil, A.A. Sharma, G. Kumar, A. Cinar, Z.O. Atanassova, M. Tumer, T.B. Caruso, G. Antika, G. Sharma, S. Sharifi-Rad, J. Pezzani, R. Singh, G. Sushama Priyanka Pawan Satija, P. Shrivastava, K. Singh, J. Singh, J.	2021	Topics in Catalysis
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Comparative phytochemicals and antioxidant activity of various solvent extracts of zanthoxylum armatum leaves from different geographical regions of himachal pradesh and Comparative study for deriving stage-discharge-sediment concentration relationships using soft computing techniques	Vandana Sethi, K. Gupta, A.	2021	Mobile Health: Advances in Research and Applications
Comparison of different solvents for Antioxidant and Antibiofilm Pattern of Bergenia ciliata rhizome Extract from Shimla district of Himachal Pradesh	Aggarwal, S. Kumar, R. Kumar, S. Bhatnagar, M. Kumar, P.	2021	Materials Today: Proceedings
Computational approaches for malaria diagnosis using machine learning: A review	Bhardwaj, K. Silva, A.S. Atanassova, M. Sharma, R. Nepovimova, E. Musilek, K. Sharma, R.	2021	Molecules
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Design, synthesis, crystal structure, molecular docking studies of some diorganotin(IV) complexes derived from the piperonyl hydrazide Schiff base ligands as cytotoxic agents	Devi, J. Yadav, J. Lal, K. Kumar, N. Paul, A.K. Kumar, D. Dutta, P.P. Jindal, D.K.	2021	Journal of Molecular Structure
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Development of metal free melamine modified graphene oxide for electrochemical sensing of epinephrine		2021	Ceramics International
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DNA barcoding of aporetodea caliginosa species-complex earthworms revealed the presence of aiporetodea tuberculata (Eisen, 1874) and aiporetodea trapezoides (duRoi, 1828)	Kumari, S. Narayanan, S.P. Julka, J.M.	2021	Annals of Agri Bio Research
Documentation of commonly used ethnoveterinary medicines from wild plants of the high mountains in Shimla district, Himachal Pradesh, India	Prakash, P. Radha Kumar, M. Pundir, A. Puri, S. Prakash, S. Kumari, N. Thakur, M. Rathour, S. Thotakura, N. Panjeta, A. Negi, P. Preet, S. Raza, K.	2021	Horticultureae
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Effect of graphite oxide and exfoliated graphite oxide as a modifier for the voltametric determination of dopamine in presence of uric acid and folic acid	Vidya, H. Kumara Swamy, B.E. Sharma, S.C. Jayaprakash, G.K. Hariprasad, S.A.	2021	Scientific Reports
Effect of heat treatment processes on the mechanical properties of AISI 1045 steel	Singh, S. Samir, S. Kumar, K. Thapa, S.	2021	Materials Today: Proceedings
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Effect of selected physical and chemical modifications on physicochemical, pasting, and morphological properties of underutilized starch from rice bean (Vigna umbellata)	Thakur, Y. Thory, R. Sandhu, K.S. Kaur, M. Sinhar, A. Pathera, A.K.	2021	Journal of Food Science and Technology


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Effect of solvent on yield, phytochemicals and in vitro antioxidant potential of rhododendron arboreum	Sharma, S. Chaudhary, R. Roita, R. Sharma, N. Sourirajan, A. Dev, K. Kumar, V.	2021	Research Journal of Pharmacy and Technology
Effect of solvents extraction on phytochemical profile and biological activities of two Ocimum species: A comparative study	Sharma, S. Kumari, A. Dhatwalia, J. Guleria, I. Lat, S. Unadhiyav, N. Kumar, V. Kumar, A.	2021	Journal of Applied Research on Medicinal and Aromatic Plants
Effect of Taro (Cotocasia esculenta) Enrichment on Physicochemical and Textural Properties of Cake	Saklani, A. Kaushik, R. Chawla, P. Kumar, N. Kumar, M.	2021	International Journal of Food Studies
Effect of yoga on polycystic ovarian syndrome: A systematic review	Thakur, D. Saurabh Singh, D.S. Tripathi, D.M. Lufan, D.	2021	Journal of Bodywork and Movement Therapies
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Effects of sheep bone biochar on soil quality, maize growth, and fractionation and phytoavailability of Cd and Zn in a multi-contaminated soil	Azeem, M. Ali, A. Arockiam Jayasundar, P.G.S. Bashir, S. Hussain, Q. Wahid, F. Ali, E.F. Mukherjee, S. Thakur, A.K. Goswami, R. Mazumder, P. Taki, K. Vithanase, M. Kumar, M.	2021	Chemosphere
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Emerging need of advanced drug delivery systems in cancer	Prasher, P. Sharma, M. Dua, K.	2021	Advanced Drug Delivery Systems in the Management of Cancer
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Empirical model for the estimation of global solar radiation for Indian locations	Kumar, R. Verma, R. Aggarwal, R.K.	2021	International Journal of Ambient Energy
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Energy and exergy analyses of drying medicinal herb in a novel forced convection solar dryer integrated with SHSM and PCM	Bhardwaj, A.K. Kumar, R. Kumar, S. Goel, B. Chauhan, R.	2021	Sustainable Energy Technologies and Assessments
Engineered nanoparticles for removal of pollutants from wastewater: Current status and future prospects of nanotechnology for remediation strategies	Khan, S. Naushad, M. Al-Gheethi, A. Iqbal, J.	2021	Journal of Environmental Chemical Engineering
Enhanced ammonium removal and recovery from municipal wastewater by asymmetric CDI cell equipped with oxygen functionalized carbon electrode	Pastushok, O. Ramasamy, D.L. Sillanpää, M. Repo, E.	2021	Separation and Purification Technology
Environmental fate, distribution and state-of-the-art removal of antineoplastic drugs: A comprehensive insight	Mukherjee, S. Mehta, D. Dhangar, K. Kumar, M.	2021	Chemical Engineering Journal
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Essential Oils of Rosmarinus officinalis L., Cymbopogon citratus (DC.) Stapf., and the phyto-compounds, delta-carene and alpha-pinene mediate cell cycle arrest at G2/M transition in	Kumar, A. Dev, K. Sourirajan, A.	2021	South African Journal of Botany
Established and Emerging Producers of PHA: Redefining the Possibility	Bhola, S. Arora, K. Kulshrestha, S. Mehariya, S. Bhatia, R.K. Kaur, P. Kumar, P.	2021	Applied Biochemistry and Biotechnology
Estimating crop water requirements for irrigation scheduling in different crops in humid subtropical agro-climate of western Himalayas	Poddar, A. Shankar, V. Kumar, N.	2021	Journal of Agrometeorology
Estimation of infiltration rate using data-driven models	Sepahvand, A. Singh, B. Ghobadi, M. Sihag, P.	2021	Arabian Journal of Geosciences
Ethnomedicinal aspects of morels with special reference to Morchella esculenta (Guchhi) in Himachal Pradesh (India): A Review	Thakur, M. Sharma, I. Tripathi, A.	2021	Current Research in Environmental and Applied Mycology
Ethnomedicinal plants traditionally used for the treatment of jaundice (Icterus) in himachal Pradesh in western Himalaya—A review	Raghuvanshi, D. Dhalaria, R. Sharma, A. Kumar, D. Kumar, H. Valis, M. Kuċa, K. Verma, R. Puri, S.	2021	Plants
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Ethnomedicinal uses, phytochemistry and dermatological effects of Hippophae rhamnoides L.: A review	Bhoria, S. Sihag, P. Singh, B. Ebtehaj, I. Bonakdari, H.	2021	Journal of Ethnopharmacology
Evaluating Parshall flume aeration with experimental observations and advance soft computing techniques	Chandan, G. Kumar, C. Chibber, P. Kumar, A. Singh, G. Satti, N.K. Gullat, H. Saini, A.K. Kumar, K. Khan, H. Dulta, K. Farooq, U. Khan, M.A.	2021	Neural Computing and Applications
Evaluation of analgesic and anti-inflammatory activities and molecular docking analysis of steroidal lactones from Datura stramonium L.	Radha Kumar, M. Puri, S. Pundir, A. Bangar, S.P. Chandra, S. Choudhary, P. Parameswari, E. Sihag, P. Al-Janabi, A.M.S. Alomari, N.K. Ghanl, A.A. Nain, S.S.	2021	Phytomedicine
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Evaluation of nutritional, phytochemical, and mineral composition of selected medicinal plants for therapeutic uses from cold desert of western Himalaya	Jha, N.K. Ojha, S. Jha, S.K. Dureja, H. Singh, S.K. Shukla, S.D. Chellappan, D.K. Gupta, G. Bhardwaj, Singh, A. Thakur, R. Kumar, R.	2021	Plants
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Evidence for electroweak production of four charged leptons and two jets in proton-proton collisions at s=13TeV	Majumdar, D. Philip, J.E. Das, S. Kundu, B.K. Saini, R.V. Chandan, G. Bankura, K. Mishra, D. Sandhu, N. Madan, S. Pandey, S.K. Singh, A. Kumar, K. Yadav, R.K. Shrivastava, R. Singh, A.P.	2021	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Evidence for Higgs boson decay to a pair of muons	Sirunyan, A.M. et al.	2021	Journal of High Energy Physics
Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations	Singhy, A. Thakur, R. Kumar, R.	2021	Journal of Molecular Neuroscience
Experimental analysis for co-generation of heat and power with convex lens as SOE and linear Fresnel Lens as POE using active water stream	Rao, S. R., S. M., M. C.B., P.K. Jayaprakash, G.K. A.S. S. K., S. T., A. Kumar, S.	2021	Renewable Energy
Experimental and DFT explorations of tert-butyl(1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-oxo-2-oxo-2-yl)-carbamate on CRCA metal in 1M HCl solution	Majumdar, D. Philip, J.E. Das, S. Kundu, B.K. Saini, R.V. Chandan, G. Bankura, K. Mishra, D. Sandhu, N. Madan, S. Pandey, S.K. Singh, A. Kumar, K. Yadav, R.K. Shrivastava, R. Singh, A.P.	2021	Results in Surfaces and Interfaces
Experimental and theoretical corroboration of antimicrobial and anticancer activities of two pseudohalides induced structurally diverse Cd(II)-Salen complexes	Singh, A. Singh, B. Sihag, P.	2021	Journal of Molecular Structure
Experimental and theoretical observations of alkylated EOSIN based 'turn-on' superoxide sensor as well as its anti-microbial study	Kumar, R. Gaurav Kumar, S. Atzal, A. Muthu Manokar, A. Sharifur, M. Issakhov, A.	2021	Main Group Chemistry
Experimental investigation and modeling of aeration efficiency at labyrinth weirs	Khursheed, R. Singh, S.K. Gulati, M. Wadhwa, S. Kapoor, B. Pandey, N.K. Chellappan, D.K. Gupta, G.	2021	Journal of Soft Computing in Civil Engineering
Experimental investigation of impact of the energy storage medium on the thermal performance of double pass solar air heater	Kumar, R. Gaurav Kumar, S. Atzal, A. Muthu Manokar, A. Sharifur, M. Issakhov, A.	2021	Sustainable Energy Technologies and Assessments
Exploring role of polysaccharides present in Ganoderma lucidum extract powder and probiotics as solid carriers in development of liquisolid formulation loaded with quercetin: A	Khursheed, R. Singh, S.K. Gulati, M. Wadhwa, S. Kapoor, B. Pandey, N.K. Chellappan, D.K. Gupta, G.	2021	International Journal of Biological Macromolecules


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First measurement of large area jet transverse momentum spectra in heavy-ion collisions	Sirunyan, A.M. et al.	2021	Journal of High Energy Physics
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Formulation rationale for the development of SARS-CoV-2 immunochromatography rapid test kits in India	Manta, P. Chauhan, R. Gandhi, H. Mahant, S. Kapoor, D.N.	2021	Journal of Applied Pharmaceutical Science
Formulation, Characterization, and In Vitro Mineral Absorption of Ficus Palmata Fruit Extract Nanoemulsion	Prashar, S. Sharma, S. Kumar, N. Kaushik, R. Chawla, P.	2021	Journal of the American College of Nutrition
Functional relationship of vegetable colors and bioactive compounds: Implications in human health	Sharma, S. Katoch, V. Kumar, S. Chatterjee, S.	2021	Journal of Nutritional Biochemistry
Garlic (<i>Allium sativum</i> L.) bioactives and its role in alleviating oral pathologies	Sasi, M. Kumar, S. Kumar, M. Thapa, S. Prajapati, U. Tak, Y. Chan, Y. Saurabh, V. Kumari, S. Orón-Návar, C. Park, Y. Srivastava, V. Hernández, N. Mahlknecht, J. Sillanpää, M. Ornelas-Soto, N.	2021	Antioxidants
Gd ³⁺ doped BiVO ₄ and visible light-emitting diodes (LED) for photocatalytic decomposition of bisphenol A, bisphenol S and bisphenol AF in water	Kumar, V. Sharma, N. Chandel, S.R. Guleria, S. Sourirajan, A. Dev, K. Hejide, S. Khosla, P.K.	2021	Journal of Environmental Chemical Engineering
Genetic diversity in <i>Terminalia arjuna</i> from the North Western region of Himachal Pradesh, India	Sharma, S. Kaur, R. Kumar, K. Prasad, H.	2021	Ecological Genetics and Genomics
Genetic variability in strawberry (<i>Fragaria x ananassa</i> Duch.) cultivars assessed by morphological traits and EST-SSR markers of <i>Rubus ellipticus</i>	Pham, T.-H. Do, H.-T. Phan Thi, L.-A. Singh, P. Raizada, P. Chi-Sheng Wu, J. Nguyen, V.-H.	2021	Indian Journal of Biotechnology
Global challenges in microplastics: From fundamental understanding to advanced degradations toward sustainable strategies	Khan, S. Naushad, M. Lima, E.C. Zhang, S. Shaheen, S.M. Rinklebe, J.	2021	Chemosphere
Global soil pollution by toxic elements: Current status and future perspectives on the risk assessment and remediation strategies – A review	Farajtaed, S. Sharifian, S. Asasian-Kolur, N. Sillanpää, M.	2021	Journal of Hazardous Materials
Granular silica pillared clay for levofloxacin and gemifloxacin adsorption from aqueous systems	Kala, D. Sharma, T.K. Gupta, S. Verma, V. Thakur, A. Kaushal, A. Trukhanov, A.V. Trukhanov, S.V.	2021	Journal of Environmental Chemical Engineering
Graphene oxide nanoparticles modified paper electrode as a biosensing platform for detection of the htra gene of <i>o. Tsutsugamushi</i>	Raizada, P. Kumar, A. Singh, P.	2021	Sensors
Graphitic carbon nitride-based new advanced materials for photocatalytic applications	Raizada, P. Kumar, A. Singh, P.	2021	Current Analytical Chemistry
Green synthesis of a novel carbon dots from red Korean ginseng and its application for Fe ²⁺ sensing and preparation of nanocatalyst	Tejwan, N. Sharma, A. Thakur, S. Das, J.	2021	Inorganic Chemistry Communications
Gut Microbiota Composition and Epigenetic Molecular Changes Connected to the Pathogenesis of Alzheimer's Disease	Nagu, P. Parashar, A. Behl, T. Mehta, V.	2021	Journal of Molecular Neuroscience
Hard color-singlet exchange in dijet events in proton-proton collisions at $s=13\text{TeV}$	Sirunyan, A.M. et al.	2021	Physical Review D
Heart disease prediction using convolutional neural network	Sharma, A. Pat, T. Jaiswal, V.	2021	Cardiovascular and Coronary Artery Imaging: Volume 1
Heat transfer and friction factor correlations for an impinging air jets solar thermal collector with arc ribs on an absorber plate	Kumar, R. Nadda, R. Kumar, S. Kumar, K. Afzal, A. Abdul Razak, R.K. Sharif, M.	2021	Sustainable Energy Technologies and Assessments
Heavy metal recovery from wastewater by using iron-based nanomaterials	Shandilya, M. Kaur, G.A. Saha, A. Kumar, S. Shukla, R.K.	2021	Iron Oxide Nanoparticles and their Applications
Herbicidal effects of withania somnifera L. Leaf extracts on cannabis sativa L., hordeum vulgare L. and cicer arietinum L.	Choudhary, S. Shriya Chauhan, P. Pathania, D. Pathania, H. Ritika Chaudhary, N. Sharma, M.	2021	Allelopathy Journal
Hexametaphosphate cross-linked chitosan beads for the eco-efficient removal of organic dyes: Tackling water quality	Raval, N.P. Mukherjee, S. Shah, N.K. Gikas, P. Kumar, M.	2021	Journal of Environmental Management
High interfacial charge carrier separation in Fe ₃ O ₄ modified SrTiO ₃ /Bi ₄ O ₅ I ₂ robust magnetic nano-heterostructure for rapid photocatalytic degradation of diclofenac under simulated solar-light	Kumar, A. Sharma, S.K. Kumar, A. Sharma, G. AlMasoud, N. Alomar, T.S. Naushad, M. Narisetty, V. Castro, E. Durgapal, S. Coulon, F. Jacob, S. Kumar, D. Kumar Awasthi, M. Kishore Chauhan, D. Kumar, A. Adhikari, R. Saini, R.K. Chang, S.H. Dwivedi, R.P.	2021	Journal of Cleaner Production
High level xyitol production by <i>Pichia fermentans</i> using non-detoxified xylose-rich sugarcane bagasse and olive pits hydrolysates	Khan, M.T. Shah, I.A. Ihsanullah, I. Naushad, M. Ali, S. Shah, S.H.A. Mohammad, A.W.	2021	Bioresource Technology
High performance vanadium dioxide based active nano plasmonic filter and switch	Mensah, A.K. Marschner, B. Antoniadis, V. Stern, E. Shaheen, S.M. Rinklebe, J.	2021	Optik
Hospital wastewater as a source of environmental contamination: An overview of management practices, environmental risks, and treatment processes	Chaudhary, J. Thakur, S. Mamba, G. Prateek Gurta, R.K. Thakur, V.K.	2021	Journal of Water Process Engineering
Human health risk via soil ingestion of potentially toxic elements and remediation potential of native plants near an abandoned mine spoil in Ghana	García-Peñas, A. Liang, W. Hashmi, S. Sharma, G. Saeb, M.R. Stadler, F.J.	2021	Science of the Total Environment
Hydrogel of gelatin in the presence of graphite for the adsorption of dye: Towards the concept for water purification	Sharma, M. Singh, K. Sharma, S.G. Kumari, S. Chauhan, A. Kulshrestha, S.	2021	Journal of Environmental Chemical Engineering
Hydrogen bonds in blends of poly(N-isopropylacrylamide), poly(n-ethylacrylamide) homopolymers, and carboxymethyl cellulose	Satija, S. Kaur, H. Tambuwala, M.M. Sharma, P. Vyas, M. Khurana, N. Sharma, N. Bakshi, H.A. Singh, G. Pathania, R. Khan, M. Tonk, R.K. Kumar, D. Dash, A.K.	2021	Journal of Composites Science
Hypovirulence-associated mycovirus in <i>Fusarium</i> sp. isolated from apple orchards of Himachal Pradesh, India	Velu, V. Banerjee, S. Radhakrishnan, V. Gupta, G. Chel-Lanpan, D.K. Fuloria, N.K. Fuloria, S. Mehta, Kumar, C. Virk, A.K. Kumari, S. Gupta, T. Raita, R. Li, X. Kulshrestha, S.	2021	Archives of Phytopathology and Plant Protection
Hypoxia-inducible factor (HIF): Fuel for cancer progression	Gullilat, H. Kumari, R. Chandan, G. Saini, A.K. Malik, T. Saini, R.V.	2021	Current Molecular Pharmacology
Identification and quantification of some natural compounds of pinus gerardiana leaf extract and its antimicrobial and antioxidant activities	Meenakshi Mangla, B. Upama Shukla, S.K. Wang, R. Thakur, N. Vats, M.	2021	Pharmacologyonline
Identification of Phytoconstituents of <i>Tragia involucrata</i> Leaf Extracts and Evaluate their Correlation with Anti-inflammatory & Antioxidant Properties	Hussain, M.M. Bibi, I. Niazi, N.K. Nawaz, M.F. Rinklebe, J.	2021	Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry
Identification of potential targets for thymidylate synthase and amp-c β -lactamase from non-alkaloidal fractions of <i>morinda oleifera</i> leaves	Khargotra, R. Kumar, R. Kumar, S.	2021	Current Pharmaceutical Biotechnology
Immuno-modulatory potential of the ethyl acetate fraction of <i>Pinus roxburghii</i> from the Himalayan region of India towards Ehrlich ascites carcinoma	Chavan, P. Sinhar, A. Nehra, M. Thory, R. Pathera, A.K. Sundarraj, A.A. Nain, V.	2021	South African Journal of Botany
Impact of environmental changes on life and environmental health	Shandilya, M. Verma, R.	2021	Functionalized Nanomaterials Based Devices for Environmental Applications
Impact of organic and inorganic amendments on arsenic accumulation by rice genotypes under paddy soil conditions: A pilot-scale investigation to assess health risk	Battoo, K.M. Verma, R. Chauhan, A. Kumar, R. Hadi, M. Aldossari, O.M. Douri, Y.A.	2021	Journal of Hazardous Materials
Impact of perforated shapes in delta type hindrance promoter on thermo-hydraulic performance of solar water heating system (An experimental study)	Sharma, B. Jaiswal, V. Khan, M.A.	2021	Case Studies in Thermal Engineering
Impact on various properties of native starch after synthesis of starch nanoparticles: A review	Nag, A. Paul, S. Banerjee, R. Kundu, R.	2021	Food Chemistry
Impedance modulated dielectric and magnetic properties of BCT-NF multiferroic composite	Dongala, T. Katari, N.K. Ettaboina, S.K. Krishnan, A. Tambuwala, M.M. Dua, K.	2021	Journal of Magnetism and Magnetic Materials
Improved room temperature dielectric properties of Gd ³⁺ and Nb ⁵⁺ co-doped Barium Titanate ceramics	Kundu, M. Sadhukhan, P. Ghosh, N. Ghosh, S. Chatterjee, S. Das, J. Brahmachari, G. Sil, P.C.	2021	Journal of Alloys and Compounds
In silico Approach for Exploring the Role of AT1R Polymorphism on its Function, Structure and Drug Interactions		2021	Current Computer-Aided Drug Design
In silico study of some selective phytochemicals against a hypothetical SARS-CoV-2 spike RBD using molecular docking tools		2021	Computers in Biology and Medicine
In vitro Dissolution Profile at Different Biological pH Conditions of Hydroxychloroquine Sulfate Tablets Is Available for the Treatment of COVID-19		2021	Frontiers in Molecular Biosciences
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Indium sulfide-based photocatalysts for hydrogen production and water cleaning: a review	Soni, V. Raizada, P. Kumar, A. Hasija, V. Singal, S. Singh, P. Hosseini-Bandehbaraei, A. Thakur, Anand, K. Abdul, N.S. Ghazi, T. Ramesh, M.	2021	Environmental Chemistry Letters
Induction of Caspase-Mediated Apoptosis in HepG2 Liver Carcinoma Cells Using Mutagen-Antioxidant Conjugated Self-Assembled Novel Carbazole Nanoparticles and in Silico Modeling	Gurta, G. Tambuwala, M.M. Dureja, H. Singh, S.K.	2021	ACS Omega
Influence of cationic surfactant cetyltrimethylammonium bromide for electrochemical detection of guanidine, uric acid and dopamine	Kumar, M. Fu, Y. Wang, M. Swamy, B.E.K. Javaprakash, G.K. Zhao, W.	2021	Journal of Molecular Liquids
Influence of hindrance promoter on the thermal augmentation factor of solar water heater (an experimental study)	Khargotra, R. Kumar, S. Kumar, R.	2021	Renewable Energy
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Measurement of prompt D ⁰ and D ⁻ meson azimuthal anisotropy and search for strong electric fields in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Sirunyan, A.M. et al.	2021	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
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Photocatalytic degradation of environmental pollutant using nickel and cerium ions substituted Co _{0.6} Zn _{0.4} Fe ₂ O ₄ nanoferrites	Hasija, V. Patil, S. Singh, P. Nguyen, V.-H. Van Le, Q. Thakur, V.K. Hussain, C.M. Selvasembian, R.	2021	Catalysts
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Probing effective field theory operators in the associated production of top quarks with a Z boson in multiple final states at $\sqrt{s} = 13\text{ TeV}$	Tonon, N. Aadup Petersen, H. Aldaya Martin, M. Asmuss, P. Baxter, S. Bayatmakou, M. Behnke, O.	2021	Journal of High Energy Physics
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Recent advances on nickel nano-ferrite: A review on processing techniques, properties and diverse applications	Kumar, R. Raizada, P. Verma, N. Hosseini-Bandehghareei, A. Thakur, V.K. Le, Q.V. Nguyen, V.-Arya, R.K.K. Kausar, M. Bisht, D. Kumar, D. Sati, D. Rajpal, G.	2021	Chemical Engineering Research and Design
Recent advances on water disinfection using bismuth based modified photocatalysts: Strategies and challenges	Kumar, A. Soni, V. Raizada, P. Singh, P.	2021	Journal of Cleaner Production
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Response Surface Analysis and Process Optimization of Non-Cereal (Elephant Foot Yam, Taro and Water Chestnut) Snacks	Thakur, A. Kumar, R. Kumar, S. Kumar, P.	2021	International Journal of Food Studies
Restoring quality and sustainability through functionalized nanocatalytic processes	Suri, A.R.S. Pun, A.K. Al-Haque, Md.S.	2021	Functionalized Nanomaterials for Catalytic Application
Review- Modulation of Dielectric, Ferroelectric, and Piezoelectric Properties of Lead-Free BCZT Ceramics by Doping	Regassa, H. Bose, D. Mukherjee, A.	2021	ECS Journal of Solid State Science and Technology
Review of developments on flat plate solar collectors for heat transfer enhancements using phase change materials and reflectors	Bose, D. Saini, D.K. Yadav, M. Shrivastava, S. Parashar, N.	2021	Materials Today: Proceedings
Review of heat transfer augmentation methods and effect of using dimpled ribs and nanofluids	Sharma, S. Katoch, V. Banyal, D.K.	2021	Materials Today: Proceedings
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Review on harnessing biotechnological tools for the development of stable bacterial wilt resistant solanaceous vegetable crops	Dhiman, P. Kumar, A. Shekh, M. Sharma, G. Rana, G. Vo, D.-V.N. AlMasoud, N. Naushad, M.	2021	Scientia Horticulturae
Rhamnolipid the Glycolipid Biosurfactant: Emerging trends and promising strategies in the field of biotechnology and biomedicine			Microbial Cell Factories
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Role of Medicinal Plants in Pulmonary Hypertension	Jindal, D.K. Sah, P. Bisht, D. Lahienmawia, H. Kumar, D. Kumar, D.	2021	Medicinal Plants for Lung Diseases: A Pharmacological and Immunological
Role of Nanofibers in Encapsulation of the Whole Cell	Sahu, S. Sharma, A. Mukherjee, S. Kumar, D. Sen, F. Narraik, R. Kumar, A.P.	2021	International Journal of Polymer Science
Role of non-conventional hydrogen bonding in controlling regioselectivity for nucleophilic aromatic substitution of 4,6-dinitroindoline-1,3-dione with 1,2,3-triazole isomers: a	Singh, A. Singh, A. Amanjot Singh, K. Singh, G. Saroa, A.	2021	Structural Chemistry
Role of probiotics in prevention and treatment of enteric infections: a comprehensive review	Iqbal, Z. Ahmed, S. Tabassum, N. Bhattacharya, R. Bose, D.	2021	3 Biotech
Rutin-loaded liquid crystalline nanoparticles attenuate oxidative stress in bronchial epithelial cells: A PCR validation	Mehta, M. Paudel, K.R. Shukla, S.D. Shastri, M.D. Setla, S. Singh, S.K. Gulati, M. Dureja, H.	2021	Future Medicinal Chemistry
S. Typhi derived vaccines and a proposal for outer membrane vesicles (OMVs) as potential vaccine for typhoid fever	Haque, S. Swami, P. Khan, A.	2021	Microbial Pathogenesis
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Scientometric Analysis of Global Publication Output in Liposome Research (2011-2020)	Sharma, A.K.	2021	Library Philosophy and Practice
Screening of Antibiotics Against β -amyloid as Anti-amyloidogenic Agents: A Drug Repurposing Approach	Alam, J. Jaiswal, V. Sharma, L.	2021	Current Computer-Aided Drug Design
Search for a heavy Higgs boson decaying into two lighter Higgs bosons in the ttbb final state at 13 TeV	Tumasyan, A. et al.	2021	Journal of High Energy Physics
Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state	Sirunyan, A.M. et al.	2021	Journal of High Energy Physics
Search for a heavy vector resonance decaying to a Z boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	European Physical Journal C
Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	European Physical Journal C
Search for chargino-neutralino production in events with Higgs and W bosons using 137 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV	Tumasyan, A. et al.	2021	Journal of High Energy Physics
Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	European Physical Journal C
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Search for Long-Lived Particles Decaying in the CMS End Cap Muon Detectors in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Tumasyan, A. et al.	2021	Physical Review Letters
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Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Tumasyan, A. et al.	2021	Journal of High Energy Physics
Search for new physics in top quark production with additional leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV using effective field theory	Sirunyan, A.M. et al.	2021	Journal of High Energy Physics
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Search for the lepton flavor violating decay $\tau \rightarrow 3\mu$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	Journal of High Energy Physics
Search for the rare decay of the W boson into a pion and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Search for top squark pair production using dilepton final states in pp collision data collected at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	European Physical Journal C
Search for top squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	Physical Review D
Search for top squarks in final states with two top quarks and several light-flavor jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2021	Physical Review D
Search for W' bosons decaying to a top and a bottom quark at $\sqrt{s} = 13$ TeV in the hadronic final state	Sirunyan, A.M. et al.	2021	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Self-organizing map estimator for the crop water stress index	Kumar, N. Rustum, R. Shankar, V. Adeyoye, A.J.	2021	Computers and Electronics in Agriculture
Silicate glass matrix@Cu ₂ O/Cu ₂ V ₂ O ₇ p-n heterojunction for enhanced visible light photo-degradation of sulfamethoxazole: High charge separation and interfacial transfer	Kumar, A. Sharma, S.K. Sharma, G. Guo, C. Vo, D. V.N. Iqbal, J. Naushad, M. Stadler, F.J.	2021	Journal of Hazardous Materials
Soft computing technique-based prediction of water quality index	Singh, B. Sihag, P. Singh, V.P. Sepahvand, A. Singh, K.	2021	Water Supply
Soft computing techniques for appraisal of potentially toxic elements from Jalandhar (Punjab), India	Kumar, V. Sihag, P. Keshavarzi, A. Pandita, S. Rodríguez-Seijo, A.	2021	Applied Sciences (Switzerland)
Soft computing techniques: Systematic multiscale models to predict the compressive strength of HVFA concrete based on mix proportions and curing times	Mohammed, A. Rafiq, S. Sihag, P. Kurda, R. Mahmood, W.	2021	Journal of Building Engineering
Sol-gel synthesized Mg-Ag-Mn nanoferrites for Power Applications	Jasrotia, R. Puri, P. Singh, V.P. Kumar, R.	2021	Journal of Sol-Gel Science and Technology
Solvent controlled synthesis of quercetin loaded CuS nanostructure: A versatile treatment against harmful bacteria and carcinogenic organic moiety in water	Mansi, K. Kumar, R. Kaur, J. Devi, S. Mehta, S.K.	2021	Journal of Molecular Liquids
Step-scheme heterojunction photocatalysts for solar energy, water splitting, CO ₂ conversion, and bacterial inactivation: a review	Hasija, V. Kumar, A. Sudhaik, A. Raizada, P. Singh, P. Van Le, Q. Le, T.T. Nguyen, V.H.	2021	Environmental Chemistry Letters
Stock market prediction using sequential events	Vanpriya, C.H. Tomar, A. Gupta, G. Gandotra, N. Sheshadri, S.N. Thammireddy, K.	2021	Proceedings of the 2021 8th International Conference on Computing for Sustainable
Strength and durability of flyash, GGBS and cement clinker stabilized dispersive soil	Mohanty, S. Roy, N. Singh, S.P. Sihag, P.	2021	Cold Regions Science and Technology
Structural and ferroelectric growth of Ba _{0.85} Mg _{0.15} TiO ₃ -Ga ₂ O ₃ ceramic through hydrothermal method	Kaur, G.A. Kumar, S. Thakur, S. Thakur, S. Shandilya, M.	2021	Journal of Materials Science: Materials in Electronics
Structural and optical amendment of PVDF into CQDs through high temperature calcination process	Kaur, G.A. Sharma, V. Gupta, N. Shandilya, M. Rai, R.	2021	Materials Letters
Structural and optical properties of copper oxide nanoparticles: A study of variation in structure and antibiotic activity	Chauhan, A. Verma, R. Batoo, K.M. Kumari, S. Kalia, R. Kumar, R. Hadi, M. Raslan, E.H. Imran, A.	2021	Journal of Materials Research


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Structural, optical, and electrical properties of vanadium-doped, lead-free BCZT ceramics	Verma, R. Chauhan, A. Batoo, K.M. Hadi, M. Raslan, E.H. Kumar, R. Ijaz, M.F. Assaifan, A.K.	2021	Journal of Alloys and Compounds
Studies of charm and beauty hadron long-range correlations in pp and pPb collisions at LHC energies	Sirunyan, A.M. et al.	2021	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
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Study of Z boson plus jets events using variables sensitive to double-parton scattering in pp collisions at 13 TeV	Tumasyan, A. et al.	2021	Journal of High Energy Physics
Sugarcane Bagasse-Derived Activated Carbon-(AC-) Epoxy Vitrimers Biocomposite: Thermomechanical and Self-Healing Performance	Krishnakumar, B. Bose, D. Singh, M. Sanka, R.V.S.P. Gurusnath, V.V.S.S. Singh, S. Raizada, P. Soni, V. Kumar, A. Singh, P. Parwaz Khan, A.A. Asiri, A.M. Thakur, V.K. Nguyen, V.-H.	2021	International Journal of Polymer Science
Surface defect engineering of metal oxides photocatalyst for energy application and water treatment	Ghasempour, R. Roushangar, K. Sihag, P.	2021	Journal of Materiomics
Suspended sediment load prediction in consecutive stations of river based on ensemble pre-post processing kernel based approaches	Kumar, S. Gautam, S.K. Kumar, A. Maitthan, R. Kumar, A.	2021	Water Supply
Sustainability assessment of different nanoparticle for heat exchanger applications: An intuitionistic fuzzy combinative distance-based assessment method	Soni, V. Raizada, P. Singh, P. Cuong, H.N. S. R. Saini, A. Saini, R.V. Le, Q.V. Nadda, A.K. Le, T.-T. Rangabhashiyam, S. Vijayaraghavan, K. Jawad, A.H. Singh, P.	2021	Acta Innovations
Sustainable and green trends in using plant extracts for the synthesis of biogenic metal nanoparticles toward environmental and pharmaceutical advances: A review	Mishra, A. Choudhary, M. Das, T.R. Saren, P. Bhattacharjee, P. Thakur, N. Tripathi, S.K.	2021	Environmental Research
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Sustainable chemical preventive models in COVID-19: Understanding, innovation, adaptations, and impact	Prasher, P. Sharma, M. Zacconi, F. Gupta, G. Aljabali, A.A.A. Mishra, V. Tambuwala, M.M. Singh, G. Priyanka Sushma Pawan Mohit Satija, P. Esteban, M.A. González-Silveira, D. Espinosa-Manjunatha, K.G. Swamy, B.E.K. Madhuchandra, H.D. Gururaj, K.J. Vishnumurthy, K.A.	2021	Journal of the Indian Chemical Society
Synergistic potential of essential oils with antibiotics to combat fungal pathogens: Present status and future perspectives	Sharma, I. Sinhar, A. Thory, R. Sandhu, K.S. Kaur, M. Nain, V. Pathera, A.K. Chavan, P.	2021	Phytotherapy Research
Synthesis and anticancer properties of 'Azole' based chemotherapeutics as emerging chemical moieties: A comprehensive review	Beena, V. Rayar, S.L. Ajitha, S. Ahmad, A. Aljabali, M.D. Alsabir, F.A.A. Sillanpää, M.	2021	Current Organic Chemistry
Synthesis and Characterization of Antioxidant Biphenyl Appended 1,2,3-Triazoles as Potential Chemo-Sensor for Sn ²⁺ Ions: Excellent Selectivity and Low Detection Limit	Kumar, D. Kumar, R. Ramajayam, R. Lee, K.W. Shin, D.-S.	2021	ChemistrySelect
Synthesis and characterization of MgO nanoparticle and their surfactant modified carbon paste electrode sensing for paracetamol	Singh, G. Sushma Priyanka Suman Diksha Kaur, J.D. Saini, A. Devi, A. Satija, P.	2021	Sensors International
Synthesis and characterization of nano starch-based composite films from kidney bean (<i>Phaseolus vulgaris</i>)	Gujral, H. Sinhar, A. Nehra, M. Nain, V. Thory, R. Pathera, A.K. Chavan, P.	2021	Journal of Food Science and Technology
Synthesis and characterization of sr-doped znse nanoparticles for catalytic and biological activities	Saini, A. Rafiq, S. Sihag, P. Ghafor, K. Mahmood, W. Sarwar, W.	2021	Water (Switzerland)
Synthesis, antioxidant and molecular docking studies of (-)-catechin derivatives	Sharma, S. Dutta, V. Raizada, P. Hosseini-Bandehbaraei, A. Singh, P. Nguyen, V.-H.	2021	Journal of the Korean Chemical Society
Synthesis, characterization and UV-visible study of schiff base-acetylene functionalized organosilatrane receptor for the dual detection of Zn ²⁺ and Co ²⁺ ions	Hardwick, J. Taylor, J. Mehta, M. Satija, S. Paudel, K.R. Hans-Bro, P.M. Chellappan, D.K. Babawy, M. Yadav, R. Kumar, D. Das, J. Lathienmawia, H. Tonk, R.K. Singh, L.	2021	Inorganica Chimica Acta
Synthesis, characterization, and utilization of potato starch nanoparticles as a filler in nanocomposite films	Lee, L.-Y. Hew, G.S.Y. Mehta, M. Shukla, S.D. Satija, S. Khurana, N. Anand, K. Dureja, H. Singh, Shrivastava, G. Aljabali, A.A.A. Shahcheraghi, S.H. Lott, M. Shastri, M.D. Shukla, S.D. Chellappan, D.K.	2021	International Journal of Biological Macromolecules
Systematic multiscale models to predict the effect of high-volume fly ash on the maximum compression stress of cement-based mortar at various water/cement ratios and curing times	Manta, P. Singh, S.C. Deep, A. Kapoor, D.N.	2021	Measurement: Journal of the International Measurement Confederation
Tailoring cadmium sulfide-based photocatalytic nanomaterials for water decontamination: a review	Gulilat, H. Saini, A.K. Saini, R.V.	2021	Environmental Chemistry Letters
Targeting cancer using curcumin encapsulated vesicular drug delivery systems	Angelaki, A. Sihag, P. Sakellariou-Makrantonaki, M. Tzimonopoulos, C.	2021	Current Pharmaceutical Design
Targeting cancer using phytoconstituents-based drug delivery	Xia, C. Kritikovali, K.O. Nguyen, T.H.C. Nguyen, X.C. Tran, Q.B. Duong, M.K. Nguyen Dinh, M.T. Desure, S. Mallika, A. Roy, M. Jyoti, A. Kaushik, S. Srivastava, V.K.	2021	Advanced Drug Delivery Systems in the Management of Cancer
Targeting Chronic Lung Diseases Using Advanced Drug Delivery Systems	Upadhyay, S. Upadhyay, A. Salehi, W. Gupta, G.	2021	Targeting Cellular Signalling Pathways in Lung Diseases
Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities	Satwika, M.V. Sushma, D.S. Jaiswal, V. Asha, S. Pal, T.	2021	Life Sciences
Targeting L128: A new hope in prostate cancer theranostics	Khachatryan, V. Sirunyan, A.M. Tumasyan, A. Adam, W. Ambrogio, F. Bertlauer, T. Drajićević, M. Aljabali, A.A.A. Hassan, S.S. Pabari, R.M. Shahcheraghi, S.H. Mishra, V. Charbe, N.B. Talrini, M. Imran, M. Tufail, T. Gondal, T.A. Caruso, G. Sharma, S. Sharma, R. Atanassova, M. Prakash, P. Radha Kumar, M. Kumari, N. Prakash, S. Rathour, S. Thakur, M. Jamwal, R. Janlu, S.	2021	Future Oncology
Targeting Molecular and Cellular Mechanisms in Tuberculosis	Aggarwal, S. Kumar, S. Kumar, R. Thakur, R.	2021	Targeting Cellular Signalling Pathways in Lung Diseases
Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives	Narayanan, S.P. Sathrumithra, S. Anuja, R. Christopher, G. Thomas, A.P. Julka, J.M.	2021	Nanomedicine: Nanotechnology, Biology, and Medicine
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The comparative analysis of pinus roxburghii phytoconstituents found at various asian locations as determined by GC-MS and its medicinal properties	Singh, Y. Kumar, A. Maitthani, R. Verma, N.	2021	Medicinal Plants
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Tomato (Solanum lycopersicum L.) seed: A review on bioactives and biomedical activities	Kumar, M. Tomar, M. Bhuyan, D.J. Punia, S. Grasso, S. S&S, A.G.A. Carciofi, B.A.M. Arrutia, F. Raizada, P. Nguyen, T.H.C. Patil, S. Singh, P. Balpal, A. Nguyen, V.-H. Nguyen, D.L.T. Cuong, F. Zare, E.N. Ghomi, M. Ahmadjokani, F. Amin, M. Taibakhsh, M. Arimand, M. Sharma, G. Devi, J. Sharma, S. Kumar, S. Jindal, D.K. Dutta, P.P. Kumar, D.	2021	Biomedicine and Pharmacotherapy
Toward practical solar-driven photocatalytic water splitting on two-dimensional MoS ₂ based solid-state Z-scheme and S-scheme heterostructure	Tabassum, N. Bhattacharya, R. Saraf, D. Bose, D. Hadi, M. Batoo, K.M. Chauhan, A. Aldossary, O.M. Verma, R. Yang, Y.	2021	Fuel
Toxicity and remediation of pharmaceuticals and pesticides using metal oxides and carbon nanomaterials	Nagraik, R. Sethi, S. Sharma, A. Kumar, D. Kumar, D. Kumar, A.P.	2021	Chemosphere
Transition metal (II) complexes of hydrazones derived from tetralone: synthesis, spectral characterization, in vitro antimicrobial and cytotoxic studies	Sharma, G. García-Peñas, A. Naushad, M. Kumar, A. Sillanpää, M. Stadler, F.J.	2021	Research on Chemical Intermediates
Trimetallic@Cyclodextrin Nanocomposite: Photocatalyst for Degradation of Amoxicillin and Catalyst for Esterification Reactions	Maqsood, Q. Sumrin, A. Mahnoor, M. Waseem, M. Tabassum, N. Bhattacharya, R. Saraf, D. Bose, D.	2021	Journal of Chemistry
Tumor suppressor protein p53 and association of its gene TP53 with schizophrenia patients	Verma, R. Yang, Y.	2021	Gene Reports
Tuning of structural, dielectric, and electronic properties of Cu doped Co-Zn ferrite nanoparticles for multilayer inductor chip applications	Nagraik, R. Sethi, S. Sharma, A. Kumar, D. Kumar, D. Kumar, A.P.	2021	Magnetochemistry
Ultrasensitive nanohybrid electrochemical sensor to detect LipL32 gene of Leptospira interrogans	Sharma, G. AlGarni, T.S. Kumar, P.S. Bhogal, S. Kumar, A. Sharma, S. Naushad, M. AlOthman, A. Kaur, P. Kumar, P. Singh, A. Patel, S.K.S. Li, X. Yang, Y.-H. Bhatia, S.K. Kulshrestha, Pathania, A. Kumar, R. Rojhe, K. Goel, B. Agarwal, S. Mahto, D.	2021	Chemical Papers
Utilization of Ag ₂ O-Al ₂ O ₃ -ZrO ₂ decorated onto rGO as adsorbent for the removal of Congo red from aqueous solution	Gudeta, K. Julka, J.M. Kumar, A. Bhagat, A. Kumari, A.	2021	Environmental Research
Valorization of Wastewater Resources into Biofuel and Value-Added Products Using Microalgal System	Valdya, P. Sharma, B.B.	2021	Frontiers in Energy Research
Value stream mapping - Panacea for lead time reduction in ferrite core industry	Korai, P.K. Sial, T.A. Pan, G. Abdelrahman, H. Sikdar, A. Kumbhar, F. Channa, S.A. Ali, E.F. Kakade, A. Salama, E.-S. Han, H. Zheng, Y. Kulshrestha, S. Lalalah, M. Harraz, F.A. Alsareji, Sharma, K. Raizada, P. Hasija, V. Singh, P. Balpal, A. Nguyen, V.-H. Ransabhashiyam, S. Kumar, P.	2021	Materials Today: Proceedings
Vermiwash: An agent of disease and pest control in soil, a review	Kumari, N. Kour, S. Singh, G. Sharma, R.K.	2021	Heliyon
Wearable devices: Pros and cons	Kumari, N. Kour, S. Singh, G. Chauhan, A. Verma, R. Sharma, R.K.	2021	Mobile Health: Advances in Research and Applications
Wheat and maize-derived water-washed and unwashed biochar improved the nutrients phytoavailability and the grain and straw yield of rice and wheat: A field trial for sustainable	Salehi, A.W. Baglat, P. Sharma, B.B. Gupta, G. Upadhyay, A.	2021	Journal of Environmental Management
World eutrophic pollution of lake and river: Biotreatment potential and future perspectives	Kumar, D. Sharma, A. Sharma, L.	2021	Environmental Technology and Innovation
ZnS-based quantum dots as photocatalysts for water purification	Mohammad, A. Saini, R.V. Kumar, R. Sharma, D. Saini, N.K. Gupta, A. Thakur, P. Winterbourn, C.C. Sharma, S. Das, J. Braje, W.M. Dash, A.K. Handa, S.	2021	Journal of Water Process Engineering
A brief review on synthesis, properties and applications of ferrites	Sharma, S. Das, J. Braje, W.M. Dash, A.K. Handa, S.	2020	AIP Conference Proceedings
A brief review on the synthesis of bimetallic nanoparticles for biomedical and solar energy applications	Bharti, M. Sharma, V. Sikander, A. Verma, O.P. Dutt, S.	2020	AIP Conference Proceedings
A CNN Model: Earlier Diagnosis and Classification of Alzheimer Disease using MRI	Virk, A.K. Thakur, P. Sharma, I. Swati Kumari, C. Chauhan, A. Li, X. Salama, E.-S. Kulshrestha, S.	2020	Proceedings - International Conference on Smart Electronics and
A comprehensive review of alzheimer's association with related proteins: Pathological role and therapeutic significance	Rani, D. Kumar, N.	2020	Current Neuropharmacology
A curious case of cysteines in human peroxiredoxin I	Sharma, L. Kumar, S. Thakur, R. Goel, B. Suri, A.R.S. Thapa, S. Kumar, N. Maitthani, R. Kumar, A. Kumar, A. Sharma, M. Thakur, P. Thakur, V.K. Rahatekar, S.S. Kumar, R.	2020	Redox Biology
A Glimpse Into Green Chemistry Practices in the Pharmaceutical Industry	Chandel, M. Singh, V.P. Jasrotia, R. Singha, K. Kumar, R.	2020	ChemSusChem
A Glimpse Into Green Chemistry Practices in the Pharmaceutical Industry	Sharma, N. Singh Thakur, M. Goel, P.L. Sihag, P.	2020	ChemSusChem
A Monte Carlo Simulation Study of the Angular Correlations by Using Z ⁺ Jets Events at Centre of Mass Energy of 14 TeV	Sirunyan, A.M. et al.	2020	Advances in Intelligent Systems and Computing
A moringa oleifera seeds-based filter for efficient removal of congo red from aqueous medium	Huang, C.-S. Hsieh, S.-C. Teng, N.-C. Lee, W.-F. Negi, P. Belem, W.F. Wu, H.-C. Yang, J.-C. Kashyap, K. Towhidul Islam Nayim, S.M. Thakur, R. Kumar, A. Thapa, S.	2020	Desalination and Water Treatment
A review of IoT techniques and devices: Smart agriculture perspective	Katra, S.K. Sharma, P. Shyam, K. Tejan, N. Ghoshal, U.	2020	Lecture Notes in Electrical Engineering
A review on exergy analysis of nanofluid flow through several conduits	Alahabadi, A. Singh, P. Raizada, P. Anastopoulos, I. Sivamani, S. Dotto, G.L. Landarani, M. Ivanets, Chandel, N. Sharma, S. Dutta, V. Raizada, P. Hosseini-Bandehbaraei, A. Kumar, R. Gupta, V.K. Sharma, G. Naushad, M.	2020	Frontiers in Heat and Mass Transfer
A review on exergy analysis of solar parabolic collectors	Bhardwaj, A. Kulshrestha, S.	2020	Solar Energy
A review on structural, electrical and magnetic properties of Y-type hexaferrites synthesized by different techniques for antenna applications and microwave absorber characteristic	Chan, Y. Ng, S.W. Mehta, M. Anand, K. Kumar Singh, S. Gupta, G. Chellappan, D.K. Dua, K. Mehta, M. Prasher, P. Sharma, M. Shastri, M.D. Khurana, N. Vias, M. Durela, H. Gupta, G. Anand, Sharma, G. Thakur, B. Kumar, A. Naushad, M. Vo, D.-V.N. Al-Misned, F.A. El-Serehy, H.A. Stadler, F.J. Bhogal, S. Sharma, G. Kumar, A. Sharma, S. Naushad, M. Alam, M. Stadler, F.J.	2020	AIMS Materials Science
A review: Sustainable compressive strength properties of concrete mix with replacement by marble powder	Sharma, G. Naushad, M.	2020	Journal of Achievements in Materials and Manufacturing Engineering
A search for the standard model Higgs boson decaying to charm quarks	Sharma, G. Naushad, M.	2020	Journal of Molecular Liquids
A silk fibroin based hydration accelerator for root canal filling materials	Sharma, G. Naushad, M.	2020	Applied Plant Virology: Advances, Detection, and Antiviral Strategies
A study of solar energy in India: Utility, status, and procurement	Sharma, G. Naushad, M.	2020	Medical Hypotheses
Acanthamoeba and its pathogenic role in granulomatous amebic encephalitis	Sharma, G. Naushad, M.	2020	Medical Hypotheses
Activated carbon from wood wastes for the removal of uranium and thorium ions through modification with mineral acid	Sharma, G. Naushad, M.	2020	Materials Letters
Adsorption and photocatalysis compiled toxic dyes mineralization using graphitic carbon nitride modified ZnFe ₂ O ₄ and CoFe ₂ O ₄ photocatalysts supported onto N-doped graphene	Sharma, G. Naushad, M.	2020	Topics in Catalysis
Adsorptive removal of noxious cadmium ions from aqueous medium using activated carbon/zirconium oxide composite: Isotherm and kinetic modelling	Sharma, G. Naushad, M.	2020	Advanced Powder Technology
Advance methods for the Isolation and characterization of plant viruses infecting crops	Sharma, G. Naushad, M.	2020	Cancers
Advanced drug delivery systems can assist in managing Influenza virus infection: A hypothesis	Sharma, G. Naushad, M.	2020	Open Biology
Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis	Sharma, G. Naushad, M.	2020	Annals of Biology
Ag ₂ O-Ag ₂ O embedded nanocomposite hydrogel for adsorption-coupled-photocatalytic removal of triclosan	Sharma, G. Naushad, M.	2020	
Ag ₂ O-Al ₂ O ₃ -ZrO ₂ Trimetallic Nanocatalyst for High Performance Photodegradation of Nicotulfuron Herbicide	Sharma, G. Naushad, M.	2020	
Ag ₂ O/MgO/FeO@Si ₃ N ₄ nanocomposite with robust adsorption capacity for tetracycline-antibiotic removal from aqueous system	Sharma, G. Naushad, M.	2020	
Albumin nano-encapsulation of plicatannol enhances its anticancer potential in colon cancer via downregulation of nuclear p65 and HIF-1α	Sharma, G. Naushad, M.	2020	
Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: Understanding mechanisms and developing therapeutic strategies: HIV and AD relationship	Sharma, G. Naushad, M.	2020	
An analysis of awareness and implementation of maternity benefits act – a study in western himalayan state of himachal Pradesh, India	Sharma, G. Naushad, M.	2020	


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An assessment of potential nutritive and medicinal properties of <i>Mucuna pruriens</i> : a natural food legume	Pathania, R. Chawla, P. Khan, H. Kaushik, R. Khan, M.A.	2020	3 Biotech
An intelligent opportunistic routing algorithm for wireless sensor networks and its application towards e-healthcare	Bangotra, D.K. Singh, Y. Selwal, A. Kumar, N. Singh, P.K. Hoon, W.-C.	2020	Sensors (Switzerland)
An overview of strategies for enhancement in photocatalytic oxidative ability of MoS ₂ for water purification	Hasija, V. Raizada, P. Thakur, V.K. Parwar Khan, A.A. Asiri, A.M. Singh, P.	2020	Journal of Environmental Chemical Engineering
An overview on bismuth molybdate based photocatalytic systems: Controlled morphology and enhancement strategies for photocatalytic water purification	Kumar, R. Sudhaik, A. Raizada, P. Hosseini-Bandeharaj, A. Thakur, V.K. Saini, A. Saini, V.	2020	Journal of Environmental Chemical Engineering
An ultra-compact plasmonic Modulator/Switch using VO ₂ and elasto-optic effect	Chauhan, D. Mola, G.T. Dwivedi, R.P.	2020	Optik
Analysis of fixed tilt and sun tracking photovoltaic micro wind based hybrid power systems IECM 115 (2016) 265–275: Response to comments on Letter to Editor	Sinha, S. Chandel, S.S.	2020	Energy Conversion and Management
Analytical approach for the optimization of desiccant weight in rapid test kit packaging: Accelerated predictive stability (APS)	Manta, P. Verma, P. Cojandara, L. Singh, S. Panigrahi, A. Paswan, S.K. Kapoor, D.N.	2020	Systematic Reviews in Pharmacy
Analyzing electron transfer properties of ferrocene in gasoline by cyclic voltammetry and theoretical methods	Kudur Jayaprakash, G. Kumara Swamy, B.E. Sharma, S.C. Santovo-Flores, J.J.	2020	Microchemical Journal
ANN, MSP-tree and nonlinear regression approaches with statistical evaluations to predict the compressive strength of cement-based mortar modified with fly ash	Mohammed, A. Rafiq, S. Sihag, P. Kurda, R. Mahmood, W. Ghafor, K. Sarwar, W.	2020	Journal of Materials Research and Technology
ANN, MSP-tree model, and nonlinear regression approaches to predict the compression strength of cement-based mortar modified by quicklime at various water/cement ratios and Anti-bacterial activity of inorganic nanomaterials and their antimicrobial peptide conjugates against resistant and non-resistant pathogens	Mohammed, A. Rafiq, S. Sihag, P. Mahmood, W. Ghafor, K. Sarwar, W.	2020	Arabian Journal of Geosciences
Antibiotic Residues in Food: A Global Concern for Human Health	Pardhi, D.M. Şen Karaman, D. Timonen, J. Wu, W. Zhang, Q. Satia, S. Mehta, M. Charbe, N.	2020	International Journal of Pharmaceutics
Antimicrobial bio-nanocomposites and their potential applications in food packaging	Singh, A. Kalra, S.K. Singh, S.K. Prasad, A.	2020	Innovations in Food Technology: Current Perspectives and Future Goals
Antimicrobial potential of ag-doped ZnO nanostructure synthesized by the green method using moringa oleifera extract	Sharma, R. Jafari, S.M. Sharma, S.	2020	Food Control
Anti-obesity efficacy of the selected high altitude Himalayan herbs: in vitro studies	Swati Verma, R. Chauhan, A. Shandilya, M. Li, X. Kumar, R. Kulshrestha, S.	2020	Journal of Environmental Chemical Engineering
Antioxidant functionalized nanoparticles: A combat against oxidative stress	Kumar, M. Guleria, S. Chawla, P. Khan, A. Modi, V.K. Kumar, N. Kaushik, R.	2020	Journal of Food Science and Technology
Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549	Kumar, H. Bhardwaj, K. Nepovimova, E. Kuča, K. Dhanial, D.S. Bhardwaj, S. Bhatia, S.K. Verma, R. Solanki, N. Mehta, M. Chellappan, D.K. Gupta, G. Hansbro, N.G. Tambuwala, M.M. Aliabadi, A.	2020	Nanomaterials
Apoptosis induction in lung and prostate cancer cells through silver nanoparticles synthesized from <i>Pinus roxburghii</i> bioactive fraction	Kumari, R. Saini, A.K. Kumar, A. Saini, R.V.	2020	Future Medicinal Chemistry
Application of <i>Fusarium</i> sp. immobilized on multi-walled carbon nanotubes for solid-phase extraction and trace analysis of heavy metal cations	Moallaei, H. Bouchara, J.-P. Rad, A. Singh, P. Raizada, P. Tran, H.N. Zafar, M.N. Giannakoudakis, K.	2020	Journal of Biological Inorganic Chemistry
Applications of nanotechnology in biosensor-based detection of foodborne pathogens	Kumar, H. Kuča, K. Bhatia, S.K. Saini, K. Kaushal, A. Verma, R. Bhatia, T.C. Kumar, D.	2020	Food Chemistry
Applications of red pigments from psychrophilic <i>Rhodospirillum rubrum</i> in health, food and antimicrobial finishes on textiles	Bisht, G. Srivastava, S. Kulshrestha, R. Sourirajan, A. Bauml, D.J. Dev, K.	2020	Sensors (Switzerland)
Arbuscular mycorrhizal fungi as potential agents in ameliorating heavy metal stress in plants	Dhalaria, R. Kumar, D. Kumar, H. Nepovimova, E. Kuča, K. Islam, M.T. Verma, R.	2020	Process Biochemistry
Aspects of Bioeconomy and Microbial Fuel Cell Technologies for Sustainable Development	Bose, D. Dey, A. Banerjee, T.	2020	Agronomy
Aspects of microbial fuel cell technology for wastewater treatment and bioelectricity generation	Bose, D. Rawat, R. Sridharan, S. Gopinath, M. Vijay, P.	2020	Sustainability (United States)
Assemblages of copiotrophic myxomycetes associated with species of <i>Pinus</i> (Pinaceae) in four different regions of the world	Stephenson, S.L. Marbaniang, T.M. Gupta, P. Rojas, C.	2020	Bioremediation for Environmental Sustainability: Approaches to Tackle
Atrazine removal using chitin- <i>cl</i> -poly(acrylamide-co-itaconic acid) nanohydrogel: Isotherms and pH responsive nature	Sharma, G. Thakur, B. Kumar, A. Sharma, S. Naushad, M. Stadler, F.J.	2020	Nova Hedwigia
<i>Aucklandia costus</i> (Syn. <i>Saussurea costus</i>): Ethnopharmacology of an endangered medicinal plant of the Himalayan region	Nadda, R.K. Ali, A. Goyal, R.C. Khosla, P.K. Goyal, R.	2020	Carbohydrate Polymers
AuNPs/CNF-modified DNA biosensor for early and quick detection of <i>O. tsutsugamushi</i> in patients suffering from scrub typhus	Kala, D. Sharma, T.K. Gupta, S. Nagark, R. Verma, V. Thakur, A. Kaushal, A.	2020	Journal of Ethnopharmacology
Beyond the obvious: Smoking and respiratory infection implications on Alzheimer's disease	Wadhwa, R. Paudel, K.R. Mehta, M. Shukla, S.D. Sunkara, K. Prasher, P. Panth, N. Goyal, R. Sharma, R. Oberoi, K. Sharma, K. Nagark, R. Kumar, D. Sharma, A. Sharma, S.	2020	3 Biotech
Bioactive compounds and ethnomedicinal uses of <i>Syzygium cumini</i> (L.) Skeels – a comprehensive review	Dhalaria, R. Verma, R. Kumar, D. Puri, S. Tapwal, A. Kumar, V. Nepovimova, E. Kuča, K.	2020	CNS and Neurological Disorders - Drug Targets
Bioactive compounds of edible fruits with their anti-aging properties: A comprehensive review to prolong human life	Chahal, A.K. Chandan, G. Kumar, R. Chhillar, A.K. Saini, A.K. Saini, R.V.	2020	Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology
Bioactive constituents of <i>Embelia officinalis</i> overcome oxidative stress in mammalian cells by inhibiting hydroxylation of peroxyl radicals	Roita, R. Kumar, V. Sourirajan, A. Upadhyay, N.K. Dev, K.	2020	Antioxidants
Bioassay guided fractionation of rhizome extract of <i>Rheum emodi</i> wall as bio-availability enhancer of antibiotics against bacterial and fungal pathogens	Ji, J. Kulshrestha, S. Kakade, A. Majeed, S. Li, X. Liu, P.	2020	Journal of Food Biochemistry
Bioaugmentation of membrane bioreactor with <i>Aeromonas hydrophila</i> LZ-MG14 for enhanced malachite green and hexavalent chromium removal in textile wastewater	Verma, A. Thakur, S. Goel, G. Raj, J. Gupta, V.K. Roberts, D. Thakur, V.K.	2020	Journal of Ethnopharmacology
Bio-based sustainable aerogels: New sensation in CO ₂ capture	Kumar, D. Surya, K. Verma, R.	2020	International Biodeterioration and Biodegradation
Bioethanol production from apple pomace using co-cultures with <i>Saccharomyces cerevisiae</i> in solid-state fermentation	Vaid, P. Raizada, P. Saini, A.K. Saini, R.V.	2020	Current Research in Green and Sustainable Chemistry
Biogenic silver, gold and copper nanoparticles – A sustainable green chemistry approach for cancer therapy	Kumar, A. Sharma, G. Naushad, M. Al-Muhtaseb, A.H. Garcia-Peñas, A. Mola, G.T. Shi, C. Stadler, F.J.	2020	Journal of Microbiology, Biotechnology and Food Sciences
Bio-inspired and biomaterials-based hybrid photocatalysts for environmental detoxification: A review	Dash, A.K. Hussain, N. Mukherjee, D.	2020	Sustainable Chemistry and Pharmacy
Biologically active carbohydrate-containing macrocycles	Sirunyan, A.M. et al.	2020	Chemical Engineering Journal
Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Gupta, M. Gandotra, N.	2020	Carbohydrates in Drug Discovery and Development: Synthesis and Application
Bounds on logarithmic means	Verma, M.L. Dhanya, B.S. Sukriti Rani, V. Thakur, M. Jeslin, J. Kushwaha, R.	2020	Journal of High Energy Physics
Carbohydrate and protein based biopolymeric nanoparticles: Current status and biotechnological applications	Kaur, T. Singh, R.P.	2020	Advances in Mathematics: Scientific Journal
Carbohydrate biopolymers: Diversity, applications, and challenges	Sharma, V. Getahun, T. Verma, M. Villa, A. Gupta, N.	2020	International Journal of Biological Macromolecules
Carbon based catalysts for the hydrodeoxygenation of lignin and related molecules: A powerful tool for the generation of non-petroleum chemical products including hydrocarbons	Mehta, L. Kumari, S. Singh, R.P.	2020	Bioactive Natural Products in Drug Discovery
Carbon nanotubes modulate activity of cytotoxic compounds via a trojan horse mechanism	Kumar, A. Kumari, A. Sharma, G. Du, B. Naushad, M. Stadler, F.J.	2020	Renewable and Sustainable Energy Reviews
Carbon quantum dots and reduced graphene oxide modified self-assembled S@C ₃ N ₄ /B@C ₃ N ₄ metal-free nano-photocatalyst for high performance degradation of Carboxymethyl cellulose structured nano-adsorbent for removal of methyl violet from aqueous solution: Isotherm and kinetic analyses	Sharma, G. Kumar, A. Sharma, S. Naushad, M. Ghfar, A.A. Al-Muhtaseb, A.H. Ahmad, T. Sharma, A.	2020	Chemical Research in Toxicology
			Journal of Molecular Liquids
			Cellulose


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Catalyst free enantioselective amination via SN2 nucleophilic substitution reaction: a computational study	Singh, A. Chayawan Mehta, S.K. Singh, K.	2020	Molecular Simulation
Cellular signaling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update	Mehta, M. Dhanjal, D.S. Paudel, K.R. Singh, B. Gupta, G. Rameshkumar, S. Thanjavetu, L. Kumar, A. Sharma, S.K. Sharma, G. Naushad, M. Stadler, F.J.	2020	Inflammopharmacology
CeO2/g-C3N4/V2O5 ternary nano hetero-structures decorated with CQDs for enhanced photo-reduction capabilities under different light sources: Dual Z-scheme mechanism	Getahun, T. Sharma, V. Gupta, N.	2020	Journal of Alloys and Compounds
Chemical Composition and Biological Activity of Essential Oils from Aloe debrana roots	Getahun, T. Sharma, V. Gupta, N.	2020	Journal of Essential Oil-Bearing Plants
Chemical composition, and antibacterial and antioxidant activities of essential oils from <i>Laetia tomentosa</i> Sch. Bip. ex Oliv. et Hiern (Asteraceae)	Getahun, T. Sharma, V. Kumar, D. Gupta, N.	2020	Turkish Journal of Chemistry
Chemical composition, antibacterial and antioxidant activities of oils obtained by different extraction methods from <i>Lepidium sativum</i> L. seeds	Getahun, T. Sharma, V. Gupta, N.	2020	Industrial Crops and Products
Chemically induced systemic acquired resistance in the inhibition of French bean rust	Devi, B. Singh, G. Dash, A.K. Gupta, S.K.	2020	Current Plant Biology
Chloroacetyl-Mediated Modification of Chitosan by Tannic Acid to Synthesize Economical Tanninate-Chitosan and Its Use in Fluoride Ions Adsorption from Aqueous Solution	Sen, K. Sharma, P. Chauhan, K.	2020	ChemistrySelect
Choline Based Basic Ionic Liquid (BIL)/Acidic DES Mediated Cellulose Rich Fractionation of Agricultural Waste Biomass and Valorization to 5-HMF	Arora, S. Gupta, N. Singh, V.	2020	Waste and Biomass Valorization
CLIMATE CHANGE AND PLANT DISEASES	Sharma, M. Sharma, A. Gupta, S.K.	2020	Agricultural Research Journal
Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s} = 8$ TeV	Aad, G. et al.	2020	Journal of High Energy Physics
Comparative evaluation of some integrated pest management modules against <i>Leucinodes orbonalis</i> Guen	Kumar, A. Kaul, V. Shankar, U.	2020	Journal of Entomological Research
Comparative transcriptome analysis of different stages of <i>Plasmodium falciparum</i> to explore vaccine and drug candidates	Guleria, V. Jaiswal, V.	2020	Genomics
Comparison of extraction yield, phytochemicals and in vitro antioxidant potential of different extracts of two <i>Ficus</i> species	Sharma, A. Thakur, A. Kumari, R. Aarushi Rotta, R. Sharma, N. Sourirajan, A. Dev, K. Kumar, V.	2020	Plant Archives
Comparison of yield, nutrient content and antibacterial activities of wild and cultivated isolates of <i>Pleurotus djamor</i>	Sharma, A. Jandaik, S. Thakur, N.	2020	Agricultural Science Digest
Conifer-derived metallic nanoparticles: Green synthesis and biological applications	Bhardwaj, K. Dhanjal, D.S. Sharma, A. Nepovimova, E. Kalita, A. Thakur, S. Bhardwaj, S. Kumari, A. Kumar, A. Sharma, G. Iqbal, J. Naushad, M. Stadler, F.J.	2020	International Journal of Molecular Sciences
Constructing Z-scheme LaTiO2N/g-C3N4/Fe3O4 magnetic nano heterojunctions with promoted charge separation for visible and solar removal of indomethacin	Raizada, P. Aslam Parwaz Khan, A. Singh, P.	2020	Journal of Water Process Engineering
Construction of carbon nanotube mediated Fe doped graphitic carbon nitride and Ag3VO4 based Z-scheme heterojunction for H2O2 assisted 2,4 dimethyl phenol photodegradation	Aljabali, A.A.A. Bakshi, H.A. Hakkim, F.L. Haggag, Y.A. Al-Batanveh, K.M. Al-Zoubi, M.S. Al-Trad, B.	2020	Cancers
Correction: Albumin nano-encapsulation of piceatannol enhances its anticancer potential in colon cancer via down regulation of nuclear p65 and hif-1 α (cancers 2020, 12, 113)	Maithani, R. Kumar, A.	2020	Experimental Heat Transfer
Correlations development for Nusselt number and friction factor in a dimpled surface heat exchanger tube	Arora, N. Jaiswal, K.K. Kumar, V. Vlasikin, M.S. Nanda, M. Pruthi, V. Chauhan, P.K.	2020	Bioresource Technology
Corrigendum to "Small-scale phyco-mitigation of raw urban wastewater integrated with biodiesel production and its utilization for a aquaculture" [Bioresour. Technol. 297 (2020)]	Singh, Y. Gupta, G. Satija, S. Pabreja, K. Chellappan, D.K. Dua, K.	2020	Drug Development Research
COVID-19 transmission through host cell directed network of GPCR	Aljabali, A.A.A. Bakshi, H.A. Satija, S. Metha, M. Prasher, P. Ennab, R.M. Chellappan, D.K. Gupta, Gupta, C.M. Kumar, D.	2020	Pharmaceutical Nanotechnology
COVID-19: Underpinning research for detection, therapeutics, and vaccines development	Kumar, R. Uppal, S. Kaur, K. Mehta, S.K.	2020	Journal of Financial Crime
Creative accounting a tool for financial crime: a review of the techniques and its effects	Kumar, R. Uppal, S. Kaur, K. Mehta, S.K.	2020	Journal of Molecular Liquids
Curcumin nanoemulsion as a biocompatible medium to study the metal ion imbalance in a biological system	Jin-Ying, J.-Y.W. Yin Ng, Z. Mehta, M. Shukla, S.D. Panneerselvam, J. Madheswaran, T. Gupta, G. Kaur, G. Gaurav, A. Lamb, T. Perkins, M. Muthumalage, T. Rahman, I.	2020	Nanomedicine
Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: An in vitro study	Kaur, G. Gaurav, A. Lamb, T. Perkins, M. Muthumalage, T. Rahman, I.	2020	Frontiers in Physiology
Current Perspectives on Characteristics, Compositions, and Toxicological Effects of E-Cigarettes Containing Tobacco and Menthol/Mint Flavors	Korran, Z.S. Alizadeh, A. Ibrahim, W.A.W. Sharma, G.	2020	Desalination and Water Treatment
Cyanopropyl-functionalized nanosilica based dispersive micro-solid phase extraction method for rapid removal of organophosphorus pesticides from water samples	Chandan, G. Kumar, C. Verma, M.K. Satti, N.K. Saini, A.K. Saini, R.V.	2020	3 Biotech
Datura stramonium essential oil composition and its immunostimulatory potential against colon cancer cells	Sagar, S. Sharma, I. Thakur, M. Tripathi, A.	2020	International Journal of Scientific and Technology Research
Decolorization and degradation of Sunset yellow-FCF and Acid Orange-7 by wild white rot fungi <i>Trametes elegans</i> and <i>Trametes versicolor</i> and their extracellular ligninolytic enzymes	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Dependence of inclusive jet production on the anti-KT distance parameter in pp collisions at $\sqrt{s} = 13$ TeV	Thakur, B. Sharma, G. Kumar, A. Sharma, S. Naushad, M. Iqbal, J. Stadler, F.J.	2020	Journal of Molecular Liquids
Designing of bentonite based nanocomposite hydrogel for the adsorptive removal and controlled release of ampicillin	Chauhan, S. Kumar, R. Khan, N. Verma, S. Sehgal, R. Tripathi, P.K. Farooq, U.	2020	Biologicals
Designing peptide-based vaccine candidates for <i>Plasmodium falciparum</i> erythrocyte binding antigen 175	Verma, N. Negi, Y.S. Shukla, R.K.	2020	International Journal on Emerging Technologies
Determinant matrix for gold monetization scheme (Gms) and household preferences for gold-backed products in Himachal Pradesh, India	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Determination of the strong coupling constant $\alpha_s(m_Z)$ from measurements of inclusive W and Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV	Roy, K. Thory, R. Sinhar, A. Pathera, A.K. Nain, V.	2020	International Journal of Biological Macromolecules
Development and characterization of nano starch-based composite films from mung bean (<i>Vigna radiata</i>)	Satija, S. Tambuwala, M.M. Pabreja, K. Bakshi, H.A. Chellappan, D.K. Aliabadi, A.A. Nammi, S. Chaudhary, J. Thakur, S. Sharma, M. Gupta, V.K. Thakur, V.K.	2020	Journal of Planar Chromatography - Modern TLC
Development of a novel HPTLC fingerprint method for simultaneous estimation of berberine and rutin in medicinal plants and their pharmaceutical preparations followed by its application	Yadav, S. Pathera, A.K. Islam, R.U. Malik, A.K. Sharma, D.P. Singh, P.K.	2020	Biomolecules
Development of biodegradable agar-agar/gelatin-based superabsorbent hydrogel as an efficient moisture-retaining agent	Sharma, D.P. Singh, P.K.	2020	Asian Journal of Dairy and Food Research
Development of Chicken Sausage using Combination of Wheat Bran with Dried Apple Pomace or Dried Carrot Pomace	Saktani, A. Kaushik, R.	2020	Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology
Development of elephant foot yam cake and its evaluation	Kumar, N. Kumar, A. Maithani, R.	2020	Thermal Science and Engineering Progress
Development of new correlations for heat transfer and pressure loss due to internal conical ribs obstacles in an impinging jet solar air heater passage	Nain, V. Kaur, M. Sandhu, K.S. Thory, R. Sinhar, A.	2020	International Journal of Biological Macromolecules
Development, characterization, and biocompatibility of zinc oxide coupled starch nanocomposites from different botanical sources	Kala, D. Gupta, S. Nagraik, R. Verma, V. Thakur, A. Kaushal, A.	2020	3 Biotech
Diagnosis of scrub typhus: recent advancements and challenges	Bakshi, H.A. Zoubi, M.S.A. Faruck, H.L. Aljabali, A.A.A. Rabi, F.A. Hafiz, A.A. Al-Batanveh, K.M. Al-Devi, K. Samant, S.S. Puri, S. Singh, A.	2020	Nutrients
Dietary crocin is protective in pancreatic cancer while reducing radiation-induced hepatic oxidative damage	Mansi, K. Kumar, R. Kaur, J. Mehta, S.K. Pandey, S.K. Kumar, D. Dash, A.K. Gupta, N. Hedblom, G.A. Dev, K. Bowden, S.D. Weber, B. Noll, S. Bauml, D.J. Johnson, T.J.	2020	Indian Journal of Traditional Knowledge
Diversity, distribution pattern and traditional knowledge of sacred plants in Kanawar Wildlife Sanctuary (KWS), Himachal Pradesh, Northwestern Himalaya			
DL-Valine assisted fabrication of quercetin loaded CuO nanoleaves through microwave irradiation method: Augmentation in its catalytic and antimicrobial efficiencies			
Draft genome sequence of "Candidatus arthromitus" UMNCA01, a suspected commensal isolated from the gut microbiome of commercial Turkey			


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Effect of helical perforated twisted tape parameters on thermal and hydrodynamic performance in heat exchanger circular tube	Maithani, R. Kumar, A.	2020	Heat and Mass Transfer/Waerme- und Stoffuebertragung
Effect of vacuum tumbling and red beetroot juice incorporation on quality characteristics of marinated chicken breast and leg meats	Singh, P. Yadav, S. Pathera, A. Sharma, D.	2020	Nutrition and Food Science
Efficacy of new generation fungicides against French bean rust caused by <i>Uromyces appendiculatus</i>	Devi, B. Gupta, S.K. Singh, G. Prasad, P.	2020	Phytoparasitica
Efficacy of resveratrol encapsulated microsponges delivered by pectin based matrix tablets in rats with acetic acid-induced ulcerative colitis	Gandhi, H. Rathore, C. Dua, K. Vihai, S. Tambuwala, M.M. Negi, P.	2020	Drug Development and Industrial Pharmacy
Efficient removal of antidepressant Fluoxetine using graphene oxide/cellulose nanogel composite: Particle swarm algorithm based artificial neural network modelling and	Balasubramani, K. Sivarajasekar, N. Muthusaravanan, S. Ram, K. Naushad, M.	2020	Journal of Molecular Liquids
Electrochemical and quantum chemical studies of cetylpyridinium bromide modified carbon electrode interface for sensor applications	Kudur Jayaprakash, G. Swamy, B.E.K. Sánchez, J.P.M. Li, X. Sharma, S.C. Lee, S.-L.	2020	Journal of Molecular Liquids
Electrochemical sensing of dopamine using graphene oxide derived from pine needle bio-waste	Gupta, N. Sen, K. Singh, V. Soni, A. Kapoor, M.	2020	AIP Conference Proceedings
Electrospun ferric ceria nanofibers blended with MWCNTs for high-performance electrochemical detection of uric acid	Shekh, M.I. Amirian, J. Du, B. Kumar, A. Sharma, G. Stadler, F.J. Song, J.	2020	Ceramics International
Emerging era of "somes": polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy	Sharma, A.K. Prasher, P. Aljabali, A.A. Mishra, V. Gandhi, H. Kumar, S. Mutalik, S. Chellappan, D.K.	2020	Drug Delivery and Translational Research
Emerging Nanotechnology in Chronic Respiratory Diseases	Pandey, P. Mehta, M. Shukla, S. Wadhwa, R. Singhvi, G. Chellappan, D.K. Satija, S. Gupta, G.	2020	Nanofabrications in Human Health: Challenges and Approaches
Emerging therapeutic potential of the iridoid molecule, asperuloside: A snapshot of its underlying molecular mechanisms	Chan, Y. Ng, S.W. Xin Tan, J.Z. Gupta, G. Tambuwala, M.M. Bakshi, H.A. Dureja, H. Dua, K.	2020	Chemico-Biological Interactions
Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery	Prasher, P. Sharma, M. Mudila, H. Gupta, G. Sharma, A.K. Kumar, D. Bakshi, H.A. Negi, P.	2020	Colloids and Interface Science Communications
Emotional intelligence and conflict management style of doctors	Vashisht, R. Singh, K.	2020	Annals of Biology
Emotional intelligence as a predictor of occupational stress and job satisfaction of doctors	Vashisht, R. Singh, K.	2020	Annals of Agri Bio Research
Empirical correlations development for heat transfer and friction factor of a solar rectangular air passage with spherical-shaped turbulence promoters	Maithani, R. Kumar, A. Gholamali Zadeh, P. Safaei, M.R. Gholamalizadeh, E.	2020	Journal of Thermal Analysis and Calorimetry
Energy loss in skimming flow over cascade spillways: Comparison of artificial intelligence-based and regression methods	Nouri, M. Sihag, P. Salmasi, F. Kisi, O.	2020	Applied Sciences (Switzerland)
Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – A review	Singh Siwal, S. Zhang, Q. Sun, C. Thakur, S. Kumar Gupta, V. Kumar Thakur, V.	2020	Bioresource Technology
Engineering nanostructures of CuO-based photocatalysts for water treatment: Current progress and future challenges	Raizada, P. Sudhaik, A. Patil, S. Hasija, V. Parwaz Khan, A.A. Singh, P. Gautam, S. Kaur, M.	2020	Arabian Journal of Chemistry
Enhanced oral bioavailability and hepatoprotective activity of thymoquinone in the form of phospholipid nano-constructs	Rathore, C. Upadhyay, N. Kaundal, R. Dwivedi, R.P. Rahatekar, S. John, A. Dua, K. Tambuwala, P.	2020	Expert Opinion on Drug Delivery
Estimation of the recharging rate of groundwater using random forest technique	Sihag, P. Angelaki, A. Chaplot, B.	2020	Applied Water Science
Ethnobotanical study of medicinal plants used in shikari devi wildlife sanctuary of Himachal Pradesh, India	Radha Janjua, S. Srivastava, S. Negi, V.	2020	Medicinal Plants
Evaluating the genetic diversity of <i>Moringa oleifera</i> obtained from south-central and Northern States of India using RAPD markers technique	Swati Bhardwaj, A. Attri, C. Kulshrestha, S.	2020	Asian Journal of Plant Sciences
Evaluation of glacial lakes and catastrophic floods on the northern slopes of the Kyrgyz range	Kattel, D.B. Mohanty, A. Dailov, M. Wang, W. Mishra, M. Kulenbekov, Z. Dawadi, B.	2020	Mountain Research and Development
Experimental analysis of zinc oxide/water/ethylene glycol-based nanofluid in a square duct roughened with inclined ribs	Kumar, S. Shandilya, M. Chauhan, A. Maithani, R. Kumar, A.	2020	Journal of Enhanced Heat Transfer
Experimental investigation and performance evaluation of a novel solar dryer integrated with a combination of SHS and PCM for drying chili in the Himalayan region	Bhardwaj, A.K. Kumar, R. Chauhan, R. Kumar, S.	2020	Thermal Science and Engineering Progress
Exploration of Wild Edible Plants Used as Food by Gaddis-A Tribal Community of the Western Himalaya	Thakur, A. Singh, S. Puri, S.	2020	Scientific World Journal
Exploring recent advances in silver halides and graphitic carbon nitride-based photocatalyst for energy and environmental applications	Thakur, P. Raizada, P. Singh, P. Kumar, A. Khan, A.A.P. Asiri, A.M.	2020	Arabian Journal of Chemistry
Exploring the application of soft computing techniques for spatial evaluation of groundwater quality variables	Esmailbeiki, F. Nikpour, M.R. Singh, V.K. Kisi, O. Sihag, P. Sanikhan, H.	2020	Journal of Cleaner Production
Exploring the multifaceted therapeutic potential of withaferin A and its derivatives	Behl, T. Sharma, A. Sharma, L. Sehgal, A. Zengin, G. Brata, R. Fratila, O. Bunzau, S.	2020	Biomedicines
Fabrication and characterization of electrospun ZnO nanofibers; antimicrobial assessment	Thakur, S. Kaur, M. Lim, W.F. Lal, M.	2020	Materials Letters
Fabrication and characterization of polyborate/ironmolybdophosphate nanocomposite: Ion exchange properties and pH-responsive drug carrier system for methylcobalamin	Sharma, G. Kumar, A. Inamuddin Sood, M. Asiri, A.M.	2020	Current Analytical Chemistry
Fabrication of Ag/Ag ₂ WO ₃ heterojunction anchored P and S co-doped graphitic carbon nitride as a dual Z-scheme photocatalyst for efficient dye degradation	Hasija, V. Raizada, P. Sudhaik, A. Singh, P. Thakur, V.K. Khan, A.A.P.	2020	Solid State Sciences
Fabrication of dual Z-scheme photocatalyst via coupling of BiOBr/Ag/AgCl heterojunction with P and S co-doped g-C ₃ N ₄ for efficient phenol degradation	Raizada, P. Thakur, P. Sudhaik, A. Singh, P. Thakur, V.K. Hosseini-Bandegharai, A.	2020	Arabian Journal of Chemistry
Fabrication of efficient CuO / graphitic carbon nitride based heterogeneous photo-Fenton like catalyst for degradation of 2, 4 dimethyl phenol	Sharma, K. Raizada, P. Hosseini-Bandegharai, A. Thakur, P. Kumar, R. Thakur, V.K. Nijwen, V.-H.	2020	Process Safety and Environmental Protection
Fabrication of Ni ²⁺ and Dy ³⁺ substituted Y-Type nanohexaferrites: A study of structural and magnetic properties	Chandel, M. Singh, V.P. Jasrotia, R. Singha, K. Singh, M. Thakur, P. Kalra, S.	2020	Physica B: Condensed Matter
Fabrication of piezoelectric nanogenerator based on P(VDF-HFP) electrospun nanofiber mat-imregnated lead-free BCZT nanofillers	Kaur, G.A. Kumar, S. Shandilya, M.	2020	Journal of Materials Science: Materials in Electronics
Fabrication of visible light active BiFeO ₃ /CuS/SiO ₂ Z-scheme photocatalyst for efficient dye degradation	Dutta, V. Sharma, S. Raizada, P. Hosseini-Bandegharai, A. Kaushal, J. Singh, P.	2020	Materials Letters
Facile fabrication of chitosan-cl-poly(AA)/ZrP ₂ O ₇ nanocomposite for remediation of rhodamine B and antimicrobial activity	Sharma, G. Naushad, M. Kumar, A. Kumar, A. Ahmad, T. Stadler, F.J.	2020	Journal of King Saud University - Science
Facile synthesis and extended visible light activity of oxygen and sulphur co-doped carbon nitride quantum dots modified Bi ₂ MoO ₆ for phenol degradation	Kumar, A. Raizada, P. Singh, P. Hosseini-Bandegharai, A. Thakur, V.K.	2020	Journal of Photochemistry and Photobiology A: Chemistry
Facile synthesis of silver-doped zinc oxide nanostructures as efficient scaffolds for detection of D-nitrophenol	Thakur, D. Sharma, A. Rana, D.S. Thakur, N. Singh, D. Tamulevicius, T. Andrulevicius, M.	2020	Chemosensors
Fe ₃ O ₄ mediated Z-scheme BiVO ₄ /Cr ₂ V ₄ O ₁₃ strongly coupled nano-heterojunction for rapid degradation of fluoxetine under visible light	Sharma, S.K. Kumar, A. Sharma, G. Naushad, M. Vo, D.-V.N. Alam, M. Stadler, F.J.	2020	Materials Letters
Fe ₃ O ₄ /ZnO/Si ₃ N ₄ nanocomposite based photocatalyst for the degradation of dyes from aqueous solution	Sharma, G. Kumar, A. Sharma, S. Naushad, M. Dhiman, P. Vo, D.-V.N. Stadler, F.J.	2020	Materials Letters
Financial inclusion in India-a review	Singh, K. Gupta, N.	2020	Indian Journal of Economics and Development
First report of mycovirus infected sclerotium in cauliflower from Sirmour district of Himachal Pradesh	Gupta, T. Vanshika Kumari, C. Kulshrestha, S.	2020	Recent Patents on Biotechnology
Flower-based green synthesis of metallic nanoparticles: Applications beyond fragrance	Kumar, H. Bhardwaj, K. Kuča, K. Kalra, A. Nepovimova, F. Verma, R. Kumar, D.	2020	Nanomaterials
Fruit and Vegetable Peels: Utilization of High Value Horticultural Waste in Novel Industrial Applications	Kumar, H. Bhardwaj, K. Sharma, R. Nepovimova, F. Kuča, K. Dhani, D.S. Verma, R. Bhardwaj, P.	2020	Molecules
Fruit extract mediated green synthesis of metallic nanoparticles: A new avenue in pomology applications	Kumar, H. Bhardwaj, K. Dhani, D.S. Nepovimova, F. Sen, F. Relassa, H. Singh, R. Verma, R.	2020	International Journal of Molecular Sciences


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GC/MS Characterization, in-vitro Antioxidant, Anti-inflammatory and Antimicrobial Activity of Essential Oils from Pinus Plant Species from Himachal Pradesh, India	Sharma, A. Sharma, L. Goyal, R.	2020	Journal of Essential Oil-Bearing Plants
Geminiviruses: Taxonomic structure and diversity in genomic organization	Kulshrestha, S. Bhardwaj, A. Vanshika	2020	Recent Patents on Biotechnology
Genetic variability, character association and diversity studies on wild apricot (Prunus armeniaca L.) genotypes in Himachal Pradesh, India	Chauhan, N. Singh, D. Kumar, K. Dogra, R.K.	2020	Genetic Resources and Crop Evolution
Graft Copolymerization of Acrylonitrile and Ethyl Acrylate onto Pinus Roxburghii Wood Surface	Sharma, G. Kumar, A. Naushad, M. Al-Misned, F.A. El-Serehy, H.A. Ghfar, A.A. Rai Sharma, K. Si	2020	Journal of Chemistry
Enhanced Physicochemical Properties and Antibacterial Activity	Verma, A. Thakur, S. Mamba, G. Prateek Gupta, R.K. Thakur, P. Thakur, V.K.	2020	International Journal of Biological Macromolecules
Graphite modified sodium alginate hydrogel composite for efficient removal of malachite green dye	Thakur, S. Shandilya, M. Thakur, S. Sharma, D.K.	2020	Surfaces and Interfaces
Growth mechanism and characterization of CuO nanostructure as a potent Antimicrobial agent	Sharma, V. Anit Kaur, G. Gupta, N. Shandilya, M.	2020	FiatChem
Growth mechanism of rGO/CDs by electrospun calcination process: Structure and application	Sharma, G. Thakur, B. Kumar, A. Sharma, S. Naushad, M. Stadler, F.J.	2020	Macromolecular Materials and Engineering
Gum Acacia-cl-poly(acrylamide)@carbon nitride Nanocomposite Hydrogel for Adsorption of Ciprofloxacin and Its Sustained Release in Artificial Ocular Solution	Chawla, P. Kumar, N. Bains, A. Dhull, S.B. Kumar, M. Kaushik, R. Punia, S.	2020	International Journal of Biological Macromolecules
Gum arabic capped copper nanoparticles: Synthesis, characterization, and applications	Zhang, C. Virk, A.K. Khan, I. Qin, H.	2020	Gut Remediation of Environmental Pollutants: Potential Roles of Probiotics
Gut microbiota and health	Sudhaik, A. Raizada, P. Singh, P. Hosseini-Bandehbaraei, A. Thakur, V.K. Nguyen, V.-H.	2020	Journal of Environmental Chemical Engineering
Highly effective degradation of imidacloprid by H2O2/fullerene decorated P-doped g-C3N4 photocatalyst	Verma, N. Negi, Y.S. Shukla, R.K.	2020	International Journal on Emerging Technologies
Household investment preferences for gold and gold exchange traded funds (Etf) in himachal Pradesh, India	Prasher, P. Sharma, M. Aljabali, A.A.A. Gupta, G. Negi, P. Kapoor, D.N. Singh, I. Zaccari, F.C. de Rana, D. Kalamuddin, M. Sundriyal, S. Jaiswal, V. Sharma, G. Das Sharma, K. Siwal, P.S. Mohammed	2020	Drug Development Research
Hybrid molecules based on 1,3,5-triazine as potential therapeutics: A focused review	Kashyap, K. Thakur, R. Kumar, S. Rajkumar	2020	Bioorganic and Medicinal Chemistry
Identification of antimalarial leads with dual falcipain-2 and falcipain-3 inhibitory activity	Gupta, C.M. Kumar, D.	2020	International Journal of Renewable Energy Research
Identification of archimedes screw turbine for efficient conversion of traditional water mills (charats) into micro hydro-power stations in Western Himalayan Regions of India: An	Tew, X.N. Xin Lau, N.J. Chellappan, D.K. Madheswaran, T. Zeeshan, F. Tambuwala, M.M. Kumar, S. Gupta, A. Saini, R.V. Kumar, A. Dhar, K.L. Mahindroo, N.	2020	Journal of Financial Crime
Identity theft: a small step towards big financial crimes	Arora, S. Gupta, N. Singh, V.	2020	Chemico-Biological Interactions
Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases	Mehta, M. Satija, S. Paudel, K.R. Liu, G. Chellappan, D.K. Hansbro, P.M. Dua, K.	2020	Bioorganic and Medicinal Chemistry
Immunomodulation-mediated anticancer activity of a novel compound from Brugmansia suaveolens leaves	Sirunyan, A.M. et al.	2020	Green Chemistry
Improved Pd/Ru metal supported graphene oxide nano-catalysts for hydrodeoxygenation (HDO) of vanillyl alcohol, vanillin and lignin	Mehta, M. Satija, S. Paudel, K.R. Liu, G. Chellappan, D.K. Hansbro, P.M. Dua, K.	2020	Future Medicinal Chemistry
Incipient need of targeting airway remodeling using advanced drug delivery in chronic respiratory diseases	Mehta, M. Satija, S. Paudel, K.R. Liu, G. Chellappan, D.K. Hansbro, P.M. Dua, K.	2020	Journal of High Energy Physics
Inclusive search for highly boosted Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Siunyan, A.M. et al.	2020	Layered 2D Advanced Materials and Their Allied Applications
Increment in Photocatalytic Activity of g-C3N4 Coupled Sulphides and Oxides for Environmental Remediation	Raizada, P. Kumar, A. Singh, P.	2020	Microbial Diversity, Interventions and Scope
Innovative techniques for Improving microbial enzyme production	Thakur, A. Putatunda, C. Sharma, R. Mehta, R. Solanki, P. Bhatia, K.	2020	Lecture Notes in Electrical Engineering
Internet of things-based hardware and software for smart agriculture: A review	Sharma, B.B. Kumar, N.	2020	Journal of High Energy Physics
Investigation into the event-activity dependence of Y(nS) relative production in proton-proton collisions at $\sqrt{s} = 7$ TeV	Sirunyan, A.M. et al.	2020	Applied Physics A: Materials Science and Processing
Investigation of the room temperature ferro-magnetism in transition metal-doped ZnO thin films	Kumar, A. Dhillon, P. Sarveena Aggarwal, S. Singh, M.	2020	Journal of Genetic Engineering and Biotechnology
Isolation of gene conferring salt tolerance from halophilic bacteria of Lunsu, Himachal Pradesh, India	Gupta, S. Sharma, P. Dev, K. Sourirajan, A.	2020	Journal of Molecular Liquids
LaTiO2N/Bi2S3 Z-scheme nano heterostructures modified by rGO with high interfacial contact for rapid photocatalytic degradation of tetracycline	Sharma, S.K. Kumar, A. Sharma, G. Stadler, F.J. Naushad, M. Ghfar, A.A. Ahmad, T.	2020	Materials Today: Proceedings
Lean six-sigma: Panacea to reduce rejection in gear manufacturing industry	Guleria, P. Pathania, A. Shukla, R.K. Sharma, S.	2020	Journal of Microbiology, Biotechnology and Food Sciences
Leptospirosis: A systematic review	Nagraik, R. Kaushal, A. Gupta, S. Sharma, A. Kumar, D.	2020	EXCLL Journal
Letter to the editor: Interferon therapy for preventing copd exacerbations	Mehta, M. Paudel, K.R. Shukla, S.D. Shastri, M.D. Singh, S.K. Gulati, M. Dureja, H. Gupta, G. Satia	2020	Journal of Molecular Liquids
Longitudinal surface plasmon resonance of gold nanoparticles as an indicator for interparticle fusions controlled by tetronics	Tandon, L. Thakur, P. Khullar, P. Bakshi, M.S.	2020	Pharmacology Biochemistry and Behavior
Long-term exposure to constant light induces dementia, oxidative stress and promotes a deterioration of sub-pathological Aβ42 in Wistar rats	Sharma, A. Goyal, R.	2020	Recent Advances in Computer Science and Communications
Machine learning based support system for students to select stream (Subject)	Sethi, K. Jaiswal, V. Ansari, M.D.	2020	Cellulose
Magnetic amendment in the fabrication of environment friendly and biodegradable iron oxide/ethyl cellulose nanocomposite membrane via electrospinning	Shandilya, M. Thakur, S. Thakur, S.	2020	Journal of Solid State Chemistry
Magnetic and electrical traits of sol-gel synthesized Ni-Cu-Zn nanosized spinel ferrites for multi-layer chip inductors application	Jasrotia, R. Puri, P. Verma, A. Singh, V.P.	2020	Arabian Journal of Chemistry
Magnetically separable ZnO/ZnFe2O4 and ZnO/CoFe2O4 photocatalysts supported onto nitrogen doped graphene for photocatalytic degradation of toxic dyes	Chandel, N. Sharma, K. Sudhaik, A. Raizada, P. Hosseini-Bandehbaraei, A. Thakur, V.K. Singh, P.	2020	Emerging Trends in Plant Pathology
Major Fungal French Bean Diseases: Epidemiology and Management	Gupta, S.K. Singh, G.	2020	Plants
Malus domestica: A review on nutritional features, chemical composition, traditional and medicinal value	Patocka, J. Bhardwaj, K. Klimova, B. Nepovimova, E. Wu, Q. Landi, M. Kuca, K. Valls, M. Wu, W.	2020	Chemosensors
Manganese-doped zinc oxide nanostructures as potential scaffold for photocatalytic and fluorescence sensing applications	Thakur, D. Sharma, A. Awasthi, A. Rana, D.S. Singh, D. Pandey, S. Thakur, S.	2020	Journal of High Energy Physics
Measurement of properties of $B \rightarrow \mu^+ \mu^-$ decays and search for $B \rightarrow \mu^+ \mu^-$ with the CMS experiment	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurement of the cross section for electroweak production of a Z boson, a photon and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on anomalous quartic couplings	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurement of the cross section for $t\bar{t}$ production with additional jets and b jets in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review Letters
Measurement of the jet mass distribution and top quark mass in hadronic decays of boosted top quarks in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurement of the top quark pair production cross section in dilepton final states containing one τ lepton in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics


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Measurement of the top quark Yukawa coupling from $t\bar{t}$ kinematic distributions in the dilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review D
Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Measurements of production cross sections of WZ and same-sign WW boson pairs in association with two jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Measurements of the W boson rapidity, helicity, double-differential cross sections, and charge asymmetry in pp collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review D
Mechanistic Insights into the Oxidized Low-Density Lipoprotein-Induced Atherosclerosis	Khatana, C. Saini, N.K. Chakrabarti, S. Saini, V. Sharma, A. Saini, R.V. Saini, A.K.	2020	Oxidative Medicine and Cellular Longevity
Medicinal value of secondary metabolites of pines grown in Himalayan region of India	Kanchan, B. Perna, B. Simran, K.	2020	Research Journal of Biotechnology
Metal free alkene hydrogenation by B-doped graphitic carbon nitride	Dogra, A. Barlocco, I. Singh, A. Somodi, F. Villa, A. Gupta, N.	2020	Catalysis Science and Technology
Metal nano-composite assisted photons harvesting in thin film organic photovoltaic	Thaver, Y. Oseni, S.O. Kaviyarasu, K. Dwivedi, R.P. Mola, G.T.	2020	Physica B: Condensed Matter
Metal-free photo-activation of peroxymonosulfate using graphene supported graphitic carbon nitride for enhancing photocatalytic activity	Sudhaik, A. Raizada, P. Thakur, S. Saini, A.K. Singh, P. Hosseini-Bandehbaraei, A.	2020	Materials Letters
Mg _{0.5} Ni _{0.5} Zn _{0.5} -xFe ₂ O ₄ spinel as a sustainable magnetic nano-photocatalyst with dopant driven band shifting and reduced recombination for visible and solar degradation of Reactive	Dhiman, P. Mehta, T. Kumar, A. Sharma, G. Naushad, M. Ahmad, T. Mola, G.T.	2020	Advanced Powder Technology
Microalgae fuel cell for wastewater treatment: Recent advances and challenges	Jaiswal, K.K. Kumar, V. Vlasin, M.S. Sharma, N. Rautela, I. Nanda, M. Arora, N. Singh, A. Sharma, R. Garg, P. Kumar, P. Bhatia, S.K. Kulshrestha, S.	2020	Journal of Water Process Engineering
Microbial fermentation and its role in quality improvement of fermented foods	Sharma, B. Thakur, S. Trache, D. Nezhad, H.Y. Thakur, V.K.	2020	Fermentation
Microwave-assisted rapid synthesis of reduced graphene oxide-based gum tragacanth hydrogel nanocomposite for heavy metal ions adsorption	Mehta, M. Chellappan, D.K. Wich, P.R. Hansbro, N.G. Hansbro, P.M. Dua, K.	2020	Nanomaterials
MIRNA nanotherapeutics: Potential and challenges in respiratory disorders	Kaur, G.A. Shandilya, M. Rana, P. Thakur, S. Uniyal, P.	2020	Future Medicinal Chemistry
Modification of structural and magnetic properties of Co _{0.5} Ni _{0.5} Fe ₂ O ₄ nanoparticles embedded Polyvinylidene Fluoride nanofiber membrane via electrospinning method	Sharma, P. Gupta, S. Sourirajan, A. Baumler, D.J. Dev, K.	2020	Nano-Structures and Nano-Objects
Molecular evolution of thermophilic geobacillus species isolated from tattanpini hot spring (India) and the worldwide distribution	Chin, L.H. Hon, C.M. Chellappan, D.K. Chellian, J. Madheswaran, T. Zeeshan, F. Awasthi, R. Altamish, M. Samuel, V.P. Dahiya, R. Singh, Y. Deb, P.K. Bakshi, H.A. Tambuwala, M.M.	2020	Current Trends in Biotechnology and Pharmacy
Molecular mechanisms of action of naringenin in chronic airway diseases	Sharma, A. Lee, S. Park, Y.-S.	2020	European Journal of Pharmacology
Molecular signaling of G-protein-coupled receptor in chronic heart failure and associated complications	Gupta, G. Dahiya, R. Singh, Y. Mishra, A. Verma, A. Gothwal, S.K. Alibali, A.A.A. Dureja, H.	2020	Drug Development Research
Molecular typing tools for identifying and characterizing lactic acid bacteria: a review	Sharma, A. Lee, S. Park, Y.-S.	2020	Food Science and Biotechnology
Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease	Gupta, G. Dahiya, R. Singh, Y. Mishra, A. Verma, A. Gothwal, S.K. Alibali, A.A.A. Dureja, H.	2020	Chemico-Biological Interactions
Multifaceted applications of green carbon dots synthesized from renewable sources	Tejwan, N. Saha, S.K. Das, J.	2020	Advances in Colloid and Interface Science
Multiparticle correlation studies in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Sirunyan, A.M. et al.	2020	Physical Review C
Multiple Machine Learning Models for Detection of Alzheimer's Disease Using OASIS Dataset	Baglat, P. Salehi, A.W. Gupta, A. Gupta, G.	2020	IFIP Advances in Information and Communication Technology
Myxomycetes associated with arid habitats in northeastern South Australia	Stephenson, S.L. Kaur, G. Payat, N. Elliott, T.F. Vernes, K.	2020	Transactions of the Royal Society of South Australia
Nano-carbon based sensors for bacterial detection and discrimination in clinical diagnosis: A junction between material science and biology	Sharma, A. Sharma, N. Kumari, A. Lee, H.-J. Kim, T. Tripathi, K.M.	2020	Applied Materials Today
Nanocarriers: more than four de force for thymoquinone	Rathore, C. Rathbone, M.J. Chellappan, D.K. Tambuwala, M.M. Pinto, T.D.J.A. Dureja, H. Nagraik, R. Kaushal, A. Gupta, S. Sethi, S. Sharma, A. Kumar, D.	2020	Expert Opinion on Drug Delivery
Nanofabricated versatile electrochemical sensor for Leptospira interrogans detection	Thakur, S. Saini, R.V. Singh, P. Raizada, P. Thakur, V.K. Saini, A.K.	2020	Journal of Bioscience and Bioengineering
Nanoparticles as an emerging tool to alter the gene expression: Preparation and conjugation methods	Thakur, N. Thakur, S. Chatterjee, S. Das, J. Sil, P.C.	2020	Materials Today Chemistry
Nanoparticles as Smart Carriers for Enhanced Cancer Immunotherapy	Thakur, N. Thakur, S. Chatterjee, S. Das, J. Sil, P.C.	2020	Frontiers in Chemistry
Nanoparticles based therapeutic efficacy against Acanthamoeba: Updates and future prospect	Sharma, G. Kalra, S.K. Tejan, N. Ghoshal, U.	2020	Experimental Parasitology
Natural and synthetic agents for the treatment of Sarcoptes scabiei: a review	Shiven, A. Alam, A. Kapoor, D.N.	2020	Annals of parasitology
Natural Product as Avermectins and Milbemycins for Agriculture Perspectives	Bhardwaj, K. Abraham, J. Kaur, S.	2020	Natural Bioactive Products in Sustainable Agriculture
New insights into molecular links between microbiota and gastrointestinal cancers: A literature review	Rastogi, Y.R. Saini, A.K. Thakur, V.K. Saini, R.V.	2020	International Journal of Molecular Sciences
Nickel sulphide nano-composite assisted hole transport in thin film polymer solar cells	Hamed, M.S.G. Oseni, S.O. Kumar, A. Sharma, G. Mola, G.T.	2020	Solar Energy
Nitrile hydratase mediated green synthesis of lactamide by immobilizing Rhodococcus pyridinivorans NIT-36 cells on N,N'-Methylene bis-acrylamide activated chitosan	Singh, P. Kumari, A. Chauhan, K. Attri, C. Seth, A.	2020	International Journal of Biological Macromolecules
Novel thymoquinone loaded chitosan-lectithin micelles for effective wound healing: Development, characterization, and preclinical evaluation	Negi, P. Sharma, G. Verma, C. Garg, P. Rathore, C. Kulshrestha, S. Lal, U.R. Gupta, B. Pathania, D.	2020	Carbohydrate Polymers
Novel Tragacanth Gum-Entrapped lecithin nanogels for anticancer drug delivery	Verma, C. Negi, P. Pathania, D. Anjum, S. Gupta, B.	2020	International Journal of Polymeric Materials and Polymeric Biomaterials
Observation of electroweak production of Wγ with two jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Observation of the Bs ₀ → x (3872) φ Decay	Sirunyan, A.M. et al.	2020	Physical Review Letters
Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review Letters
Opportunities and Challenges with WSN's in Smart Technologies: A Smart Agriculture Perspective	Kumar, N. Sharma, B.	2020	Advances in Intelligent Systems and Computing
Optical Density Optimization of Malaria Pan Rapid Diagnostic Test Strips for Improved Test Zone Band Intensity	Manta, P. Nagraik, R. Sharma, A. Kumar, A. Verma, P. Paswan, S.K. Bokov, D.O. Shaikh, J.D. Singh, L. Majhi, S. Pabreja, K. Negi, P. Goyal, R. Gupta, G. Chellappan, D.K. Dua, K.	2020	Diagnostics
Oxidative stress in liver diseases	Thakur, A.K. Chellappan, D.K. Dua, K. Mehta, M. Satia, S. Singh, I.	2020	Role of Oxidative Stress in Pathophysiology of Diseases
Patented therapeutic drug delivery strategies for targeting pulmonary diseases	Thakur, A.K. Chellappan, D.K. Dua, K. Mehta, M. Satia, S. Singh, I.	2020	Expert Opinion on Therapeutic Patents
PCR based genetic marker for the detection of Leptospira interrogans causing leptospirosis	Nagraik, R. Kaushal, A. Gupta, S. Kumar, D.	2020	Vegetos
Performance analysis of a 10 MWp utility scale grid-connected canal-top photovoltaic power plant under Indian climatic conditions	Kumar, M. Chandel, S.S. Kumar, A.	2020	Energy
Performance enhancement of multi-crystalline silicon photovoltaic modules using mirror reflectors under Western Himalayan climatic conditions	Malik, P. Chandel, S.S.	2020	Renewable Energy


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Performance improvement of three-phase squirrel cage induction motor operating under rated voltages—A design consideration for rural areas	Saini, R.K. Saini, D.K. Gupta, R. Verma, P. Gandotra, N. Sharma, A. Thakur, R. Dwivedi, R.P.	2020	Advances in Intelligent Systems and Computing
Performance improvement strategies of CuWO ₄ photocatalyst for hydrogen generation and pollutant degradation	Raizada, P. Sharma, S. Kumar, A. Singh, P. Khan, A.A.P. Asiri, A.M.	2020	Journal of Environmental Chemical Engineering
Performance investigation of a solar thermal collector provided with air jets impingement on multi V-shaped protrusion ribs absorber plate	Kumar, R. Nadda, R. Rana, A. Chauhan, R. Chandel, S.S.	2020	Heat and Mass Transfer/Waerme- und Stoffuebertragung
Perovskite oxide-based photocatalysts for solar-driven hydrogen production: Progress and perspectives	Nguyen, V.-H. Do, H.H. Van Nguyen, T. Singh, P. Raizada, P. Sharma, A. Sana, S.S. Grace, A.N.	2020	Solar Energy
Peroxymonosulphate-mediated metal-free pesticide photodegradation and bacterial disinfection using well-dispersed graphene oxide supported phosphorus-doped graphitic	Sudhaik, A. Raizada, P. Thakur, S. Saini, A.K. Singh, P. Hosseini-Bandegharaei, A. Lim, J.-H.	2020	Applied Nanoscience (Switzerland)
Perspective and status of polymeric graphitic carbon nitride based Z-scheme photocatalytic systems for sustainable photocatalytic water purification	Kumar, A. Raizada, P. Singh, P. Saini, R.V. Saini, A.K. Hosseini-Bandegharaei, A.	2020	Chemical Engineering Journal
Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics	Tan, Y.Y. Yap, P.K. Xin Lim, G.L. Mehta, M. Chan, Y. Ng, S.W. Kapoor, D.N. Negi, P. Anand, K. Chauhan, A. Verma, R. Kumari, S. Sharma, A. Shandilya, P. Li, X. Batoo, K.M. Imran, A.	2020	Chemico-Biological Interactions
Photocatalytic dye degradation and antimicrobial activities of Pure and Ag-doped ZnO using Cannabis sativa leaf extract	Kumar, A. Pathania, D. Gupta, N. Raj, P. Sharma, A.	2020	Scientific Reports
Photo-degradation of noxious pollutants from water system using Cornulaca monacantha stem supported ZnFe ₂ O ₄ magnetic bio-nanocomposite	Tandon, L. Thakur, P. Singh, K. Khullar, P. Ahluwalia, G.K. Bakshi, M.S.	2020	Sustainable Chemistry and Pharmacy
Photophysical behavior of heme group: Unfolding of hemoglobin and myoglobin in the presence of Gemini surfactants of different molecular architectures	Mittal, M. Thakur, A. Kaushik, R. Chawla, P.	2020	International Journal of Biological Macromolecules
Physicochemical properties of Ocimum sanctum enriched herbal fruit yoghurt	Sharma, M. Puri, S.	2020	Journal of Food Processing and Preservation
Physiological performance, secondary metabolite profiling and photo oxidative tolerance in Withania somnifera	Thakur, G. Dev, K.	2020	Medicinal Plants
Phytochemical analysis of leaves of Aegle Marmelos from Himalayan region	Verma, R. Tapwal, A. Kumar, D. Puri, S.	2020	Research on Crops
Phytochemical profiling and biological activity of leucas lanata benth. An important ethnomedicinal plant of western Himalaya	Kumari, A. Guleria, I. Pathania, D. Nisha Verma, R.	2020	Ecology, Environment and Conservation
Phytochemicals analysis and antibacterial activity of leaf extracts of Populus ciliata wall. Ex Royle	Thakur, M. Sharma, K. Mehta, S. Rai, S. Sharma, I. Tripathi, A.	2020	Medicinal Plants
Phytochemicals, antimicrobial and antioxidant potential of methanolic extract of berberis aristata roots	Rolta, R. Kumar, V. Sourirajan, A. Upadhyay, N.K. Dev, K.	2020	Research Journal of Pharmacy and Technology
Phytochemicals of three medicinal plants (Juniperus communis, urtica dioica and coleus forskohlii) of north west himalayas increases the potency of antibacterial and antifungal	Sharma, L. Sharma, A. Goyal, R. Alam, J.	2020	Plant Archives
Pinus Roxburghii Sarg. Ameliorates alzheimer's disease-type neurodegeneration and cognitive deficits caused by intracerebroventricular-streptozotocin in rats: An in vitro and in vivo study	Dhanjal, D.S. Bhardwaj, S. Sharma, R. Bhardwaj, K. Kumar, D. Chopra, C. Nepovimova, E. Singh, Prasher, P. Sharma, M. Mehta, M. Paudel, K.R. Satija, S. Chellappan, D.K. Durela, H. Gupta, G.	2020	Indian Journal of Pharmaceutical Sciences
Plant fortification of the diet for anti-ageing effects: A review	Saini, K. Kaushal, A. Gupta, S. Kumar, D.	2020	Nutrients
Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective	Bhardwaj, K. Sharma, A. Tejwan, N. Bhardwaj, S. Bhardwaj, P. Nepovimova, E. Shami, A. Kalia, A. Kumar, S. Thakur, R. Gandotra, N. Aggarwal, S. Singh, A. Maitthani, R. Kumar, A.	2020	Chemico-Biological Interactions
PLCA-based nanofabricated electrochemical DNA biosensor for the detection of Listeria monocytogenes in raw milk samples	Duggal, S. Sharma, S. Verma, R. Kumar, D.	2020	3 Biotech
Pleurotus macrofungi-assisted nanoparticle synthesis and its potential applications: A review	Sharma, M. Prasher, P. Mehta, M. Zacconi, F.C. Singh, Y. Kapoor, D.N. Durela, H. Pardhi, D.M.	2020	Journal of Fungi
Prediction of heat transfer and pressure drop in helically perforated twisted tape heat exchanger tube using fuzzy logic	Bhardwaj, K. Sharma, R. Abraham, J. Sharma, P.	2020	JP Journal of Heat and Mass Transfer
Preparation of different zein films from corn gluten meal and their use in coating of different model foods	Singh, Y. Gupta, G. Satija, S. Negi, P. Chellappan, D.K. Dua, K.	2020	Plant Archives
Probing 3CL protease: Rationally designed chemical moieties for COVID-19	Jasrotia, R. Singh, V.P. Kumar, R. Singh, M.	2020	Drug Development Research
Pyrethroids: A Natural Product for Crop Protection	Chauhan, S. Jaiswal, V. Attri, C. Seth, A.	2020	Natural Bioactive Products in Sustainable Agriculture
Quality by design approach in Indian pharmaceutical industry: A brief status appraisal	Saini, N. Gandotra, N. Bajaj, R. Dwivedi, R.P.	2020	International Journal of Pharmaceutical Research
RAAS blockers in hypertension posing a higher risk toward the COVID-19	Dhiman, P. Sharma, S. Kumar, A. Shekh, M. Sharma, G. Naushad, M.	2020	Dermatologic Therapy
Raman spectra of sol-gel auto-combustion synthesized Mg-Ag-Mn and Ba-Nd-Cd-In ferrite based nanomaterials	Gandhi, H. Sharma, A.K. Mahant, S. Kapoor, D.N.	2020	Ceramics International
Random mutagenesis of the thermophilic xylanase for enhanced stability and efficiency validated through molecular docking	Verma, V. Goyal, M. Kala, D. Gupta, S. Kumar, D. Kaushal, A.	2020	Recent Patents on Biotechnology
Ranking of decision-making units in Pythagorean fuzzy CCR model using data envelopment analysis	Yu, Z. Han, H. Feng, P. Zhao, S. Zhou, T. Kakade, A. Kulshreshtha, S. Maleed, S. Li, X.	2020	Materials Today: Proceedings
Rapid visible and solar photocatalytic Cr(VI) reduction and electrochemical sensing of dopamine using solution combustion synthesized ZnO-Fe ₂ O ₃ nano heterojunctions	Verma, M. Mandyal, P. Singh, D. Gupta, N.	2020	Ceramics International
Recent advancements in brain tumor targeting using magnetic nanoparticles	Dutta, V. Sharma, S. Raizada, P. Kumar, R. Thakur, V.K. Nguyen, V.-H. Asiri, A.M. Khan, A.A.P.	2020	Therapeutic Delivery
Recent advances in the diagnosis of leptospirosis	Sirunyan, A.M. et al.	2020	Frontiers in Bioscience - Landmark
Recent advances in the recovery of metals from waste through biological processes	Mehra, R. Kumar, H. Kumar, N. Kaushik, R.	2020	Bioresource Technology
Recent Developments in Heterogeneous Catalytic Routes for the Sustainable Production of Succinic Acid from Biomass Resources	Liu, M. Feng, P. Kakade, A. Yang, L. Chen, G. Yan, X. Ni, H. Liu, P. Kulshreshtha, S. Abomohra, Kumar, H. Bhardwaj, K. Kaur, T. Nepovimova, E. Kuča, K. Kumar, V. Bhatia, S.K. Dhanjal, D.S. Bhardwaj, K. Islam, M.T. Jayasena, V. Sharma, B. Sharma, S. Sharma, P. Kuča, K. Bhardwaj, P.	2020	ChemSusChem
Recent progress on bismuth-based Z-scheme semiconductor photocatalysts for energy and environmental applications	Salehi, A.W. Baglat, P. Gupta, G.	2020	Journal of Environmental Chemical Engineering
Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions	Singh, P. Shandilya, P. Raizada, P. Sudhaik, A. Rahmani-Sani, A. Hosseini-Bandegharaei, A.	2020	Journal of Instrumentation
Red rice conjugated with barley and rhododendron extracts for new variant of beer	Altamish, M. Dahiyra, R. Singh, A.K. Mishra, A. Alabali, A.A. Satija, S. Mehta, M. Durela, H.	2020	Journal of Food Science and Technology
Reducing residual antibiotic levels in animal feces using intestinal Escherichia coli with surface-displayed erythromycin esterase	Sharma, S. Sourirajan, A. Baumber, D.J. Dev, K.	2020	Journal of Hazardous Materials
Review detection of bacterial pathogens and antibiotic residues in chicken meat: a review	Singh, Y. Gupta, G. Kazmi, I. Al-Abbasi, F.A. Negi, P. Chellappan, D.K. Dua, K.	2020	Foods
Review on essential oils, chemical composition, extraction, and utilization of some conifers in Northwestern Himalayas		2020	Phytotherapy Research
Review on machine and deep learning models for the detection and prediction of Coronavirus		2020	Materials Today: Proceedings
Review on various strategies for enhancing photocatalytic activity of graphene based nanocomposites for water purification		2020	Arabian Journal of Chemistry
Role of the serine/threonine kinase 11 (Stk11) or liver kinase b1 (Lkb1) gene in peutz-jeghers syndrome		2020	Critical Reviews in Eukaryotic Gene Expression
Saccharomyces cerevisiae ER membrane protein complex subunit 4 (EMC4) plays a crucial role in eIF2B-mediated translation regulation and survival under stress conditions		2020	Journal of Genetic Engineering and Biotechnology
SARS CoV-2 aggravates cellular metabolism mediated complications in COVID-19 infection		2020	Dermatologic Therapy


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Scientometric analysis: identification of research trends for ozone as an air pollutant for 2011-2019	Sharma, A.K. Kaur, G.	2020	Environmental Science and Pollution Research
Scientometric Analysis: Identification Of Research Trends In The Field Of Herb Drug Interactions	Kaur, G. Sharma, A.K.	2020	Library Philosophy and Practice
Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for a light charged Higgs boson in the $H^{\pm} \rightarrow c s$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review D
Search for a light pseudoscalar Higgs boson in the boosted $\mu\mu\tau\tau$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for bottom-type, vectorlike quark pair production in a fully hadronic final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review D
Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for decays of the 125 GeV Higgs boson into a Z boson and a ρ or ϕ meson	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Search for electroweak production of a vector-like T quark using fully hadronic final states	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\mu\tau$ and $e\tau$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for light pseudoscalar boson pairs produced from decays of the 125 GeV Higgs boson in final states with two muons and two nearby tracks in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Search for new neutral Higgs bosons through the $H \rightarrow Z A \rightarrow \ell^+ \ell^- b \bar{b}$ process in pp collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for resonant pair production of Higgs bosons in the $b\bar{b}Z$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Physical Review D
Search for supersymmetry in proton-proton collisions at $\sqrt{s} = 13$ TeV in events with high-momentum Z bosons and missing transverse momentum	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
Selection of optimal parameters for reduction of forging defect using ahp-topsis technique	Panwar, A. Kumar, R. Thakur, R. Goel, B. Rana, A. Pathania, A. Agarwal, V.	2020	International Journal on Emerging Technologies
Selection of optimal performance parameters of alumina/water nanofluid flow in ribbed square duct by using AHP-TOPSIS techniques	Kumar, S. Kumar, A. Kothiyal, A.D. Bisht, M.S.	2020	Advances in Intelligent Systems and Computing
Severity, types, factors affecting and strategy to overcome obesity	Kumar, M. Guleria, S. Chawla, P. Khan, A. Kaushik, R.	2020	Plant Archives
Simulation and analysis of distinct apodized profiles using fiber bragg grating for dispersion compensation at 100 Gbps over 120 km	Sharma, A. Singh, I. Sharma, S. Thakur, R. Saini, R.K.	2020	Advances in Intelligent Systems and Computing
Small interfering RNA for cancer treatment: overcoming hurdles in delivery	Charbe, N.B. Amnerkar, N.D. Ramesh, B. Tambuwala, M.M. Bakshi, H.A. Aliabadi, A.A.A. Arora, N. Jaiswal, K.K. Kumar, V. Vlaskin, M.S. Nanda, M. Pruthi, V. Chauhan, P.K.	2020	Acta Pharmaceutica Sinica B
Small-scale phyco-mitigation of raw urban wastewater integrated with biodiesel production and its utilization for aquaculture	Jasrotia, R. Singh, V.P. Sharma, B. Verma, A. Puri, P. Sharma, R. Singh, M.	2020	Bioresource Technology
Sol-gel synthesized Ba-Nd-Cd-In nanohexaferites for high frequency and microwave devices applications	Khatake, S. Mehta, M. Awasthi, R. Paudel, K.R. Singh, S.K. Gulati, M. Hansbro, N.G. Hansbro, Y. Kumari, M. Singh, R.P. Kumar, D. Gupta, R.	2020	Journal of Alloys and Compounds
Solid lipid nanoparticles containing anti-tubercular drugs attenuate the Mycobacterium marinum infection	Mamba, G. Gangashe, G. Moss, L. Hariganesh, S. Thakur, S. Vadivel, S. Mishra, A.K. Vilakati, G.D. Thakur, A. Kumar, P. Kumari, P. Bhatia, K. Chand, D.	2020	Tuberculosis
Sonochemical Decoration of Graphene Oxide with Magnetic Fe ₃ O ₄ @Cu Nanocomposite for Efficient Click Synthesis of Coumarin-Sugar Based Bioconjugates and Their Cytotoxic Activity	Kashyap, K. Thakur, R. Kumar, A. Saini, R.K. Suri, A.R.S.	2020	Catalysis Letters
State of the art on the photocatalytic applications of graphene based nanostructures: From elimination of hazardous pollutants to disinfection and fuel generation	Jasrotia, R. Kour, S. Puri, P. Jara, A.D. Singh, B. Bhardwaj, C. Singh, V.P. Kumar, R.	2020	Journal of Environmental Chemical Engineering
Statistical augmentation of thermostable Superoxide dismutase (SOD) production from Bacillus licheniformis SPB-13 of Himalayan ranges	Chandel, M. Singh, V.P. Singha, K. Kalia, S. Kumar, R. Kumar, G. Singh, M.	2020	African Journal of Biological Sciences (South Africa)
Status of small hydropower in Himachal Pradesh: A review	Chauhan, D. Adhikari, R. Saini, R.K. Chang, S.H. Dwivedi, R.P.	2020	Advances in Intelligent Systems and Computing
Structural and magnetic investigation of Al ₃₊ and Cr ₃₊ substituted Ni-Co-Cu nanoferrites for potential applications	Agarwal, A. Pathera, A.K. Kaushik, R. Kumar, N. Dhull, S.B. Arora, S. Chawla, P.	2020	Solid State Sciences
Structural, magnetic and Mössbauer analysis of lanthanum and nickel doped Co ₂ Y-type hexaferrite nanomaterial matrix synthesized by sol-gel auto-combustion technique	Chan, Y. Ng, S.W. Mehta, M. Gupta, G. Chellappan, D.K. Dua, K.	2020	Journal of Molecular Structure
Subwavelength plasmonic liquid sensor using Fano resonance in a ring resonator structure	Sudhaik, A. Raizada, P. Thakur, S. Saini, R.V. Saini, A.K. Singh, P. Kumar Thakur, V. Nijwen, V.-	2020	Optik
Succinylation of milk proteins: Influence on micronutrient binding and functional indices	Nidhi, P. Rotta, R. Kumar, V. Dev, K. Sourirajan, A.	2020	Trends in Food Science and Technology
Sugar-based nanoparticles for respiratory diseases: A new paradigm in the nanoworld	Alam, T. Tyagi, S. Kumar, G. Khan, A. Chauhan, N. Tarannum, H. Ahmad, P. Rizvi, A.	2020	Future Medicinal Chemistry
Synergistic photocatalytic mitigation of imidacloprid pesticide and antibacterial activity using carbon nanotube decorated rhodorus doped graphitic carbon nitride photocatalyst	Hasija, V. Raizada, P. Hosseini-Bandegharai, A. Singh, P. Nijwen, V.-	2020	Journal of the Taiwan Institute of Chemical Engineers
Synergistic potential of Citrus aurantium L. essential oil with antibiotics against Candida albicans	Bhardwaj, M. Hussain, N. Zargar, I.A. Dash, A.K. Mukherjee, D.	2020	Journal of Ethnopharmacology
Synthesis and Biological Activity of Silver Nanoparticles from Medicinal Palm Tree Bismarckia nobilis Seeds	Shandilya, P. Sudhaik, A. Raizada, P. Hosseini-Bandegharai, A. Singh, P. Rahmani-Sani, A.	2020	Asian Journal of Chemistry
Synthesis and Photocatalytic Activity of Ni-Fe Layered Double Hydroxide Modified Sulphur Doped Graphitic Carbon Nitride (SGCN/Ni-Fe LDH) Photocatalyst for 2,4-Dinitrophenol			Topics in Catalysis
Synthesis of aryl ethers of carbohydrates via reaction with arynes: Selective O-arylation of trans-vicinal dihydroxy groups in carbohydrates			Organic and Biomolecular Chemistry
Synthesis of Eu ³⁺ -doped ZnO/Bi ₂ O ₃ heterojunction photocatalyst on graphene oxide sheets for visible light-assisted degradation of 2,4-dinitrophenol and bacteria killing			Solid State Sciences


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Synthesis of magnetically separable Bi ₂ O ₃ /carbon nanotube/ZnFe ₂ O ₄ as Z-scheme heterojunction with enhanced photocatalytic activity for water purification	Khan, A.A.P. Singh, P. Raizada, P. Asiri, A.M.	2020	Journal of Sol-Gel Science and Technology
Synthesis, spectral analysis and in vitro cytotoxicity of diorganotin (IV) complexes derived from indole-3-butyric hydrazide	Devi, J. Yadav, J. Kumar, D. Jindal, D.K. Basu, B.	2020	Applied Organometallic Chemistry
Tailored photocatalysts and revealed reaction pathways for photodegradation of polycyclic aromatic hydrocarbons (PAHs) in water, soil and other sources	Nguyen, V.-H. Phan Thi, L.-A. Van Le, Q. Singh, P. Raizada, P. Kalitvichyanukul, P.	2020	Chemosphere
Targeting interleukins in chronic airway diseases using advanced drug delivery	Satija, S. Mehta, M. Gupta, G. Chellappan, D.K. Dua, K.	2020	Future Medicinal Chemistry
Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases	Chellappan, D.K. Yee, L.W. Xuan, K.Y. Kunalan, K. Rou, L.C. Jean, L.S. Ying, L.Y. Wile, L.X. Chellian, Das, J. Ghosh, S. Sil, P.C.	2020	Drug Development Research
Taurine and cardiac oxidative stress in diabetes	Das, J. Ghosh, S. Sil, P.C.	2020	Diabetes: Oxidative Stress and Dietary Antioxidants
Thalictrum foliolosum DC: An unexplored medicinal herb from north western Himalayas with potential against fungal pathogens and scavenger of reactive oxygen species	Kumar, R. Sharma, N. Rolta, R. Lal, U.R. Sourirajan, A. Dev, K. Kumar, V.	2020	Biocatalysis and Agricultural Biotechnology
Thalictrum foliolosum: A lesser unexplored medicinal herb from the Himalayan region as a source of valuable benzyl isouquinoline alkaloids	Sharma, N. Kumar, V. Chopra, M.P. Sourirajan, A. Dev, K. El-Shazly, M.	2020	Journal of Ethnopharmacology
The novel coronavirus 2019-nCoV: Its evolution and transmission into humans causing global COVID-19 pandemic	Rastogi, Y.R. Sharma, A. Nagraik, R. Aygun, A. Sen, F.	2020	Journal of Environmental Science and Technology
The production of isolated photons in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Sirunyan, A.M. et al.	2020	Journal of High Energy Physics
The synthesis of biphenyl through C-H bond activation in benzene over a Pd catalyst supported on graphene oxide	Sharma, D. Bulusheva, L.G. Bulushev, D.A. Gupta, N.	2020	New Journal of Chemistry
Therapeutic potential of cinnoline core: A comprehensive review	Tonk, R.K. Bawa, S. Kumar, D.	2020	Mini-Reviews in Medicinal Chemistry
Tibet plateau probiotic mitigates chromate toxicity in mice by alleviating oxidative stress in gut microbiota	Feng, P. Ye, Z. Han, H. Ling, Z. Zhou, T. Zhao, S. Virk, A.K. Kakade, A. Abomohra, A.E.-F. El-Thakur, S. Shandilya, M. Graça, M.P.F. Valente, M.A.	2020	Communications Biology
To study the effect of low temperature crystal growth on the structural and ferroelectric properties of lead-free BCT-BZT ceramic	Nguyen, V.-H. Nguyen, B.-S. Jin, Z. Shokouhimehr, M. Jang, H.W. Hu, C. Singh, P. Raizada, P. Peng, Y.	2020	Ferroelectrics, Letters Section
Towards artificial photosynthesis: Sustainable hydrogen utilization for photocatalytic reduction of CO ₂ to high-value renewable fuels	Sharma, A. Kaur, J. Lee, S. Park, Y.-S.	2020	Chemical Engineering Journal
Tracking of intentionally inoculated lactic acid bacteria strains in yogurt and probiotic powder	Kundu, M. Chatterjee, S. Ghosh, N. Manna, P. Das, J. Sil, P.C.	2020	Microorganisms
Tumor targeted delivery of umbelliferone via a smart mesoporous silica nanoparticles controlled-release drug delivery system for increased anticancer efficiency	Patil, S. Hasija, V. Raizada, P. Singh, P. Khan Singh, A.A.P. Asiri, A.M.	2020	Materials Science and Engineering C
Tunable photocatalytic activity of SrTiO ₃ for water splitting: Strategies and future scenario	Kumar, H. Chen, B.-H. Kuca, K. Nepovimova, E. Kaushal, A. Nagraik, R. Bhatia, S.K. Dhanjal, D.S. Sharma, M. Monika Thakur, P. Saini, R.V. Kumar, R. Torino, E.	2020	Journal of Environmental Chemical Engineering
Understanding of colistin usage in food animals and available detection techniques: A review	Rahmani-Sani, A. Singh, P. Raizada, P. Claudio Lima, E. Anastopoulos, I. Giannakoudakis, D.A. Verma, R.K. Kumar, R. Sethi, M.	2020	Animals
Unveiling antimicrobial and anticancerous behavior of AuNPs and AgNPs moderated by rhizome extracts of Curcuma longa from diverse altitudes of Himalaya	Sharma, D. Suriyaprakash, J. Dogra, A. Alijani, S. Villa, A. Gupta, N.	2020	Scientific Reports
Use of chicken feather and eggshell to synthesize a novel magnetized activated carbon for sorption of heavy metal ions	Satija, S. Mehta, M. Sharma, M. Prasher, P. Gupta, G. Chellappan, D.K. Dua, K.	2020	Bioresource Technology
Use of Distinct Parts of Moringa Oleifera in Domestic Wastewater Treatment (An Analogous Study)	Raizada, P. Sudhaik, A. Singh, P. Shandilya, P. Thakur, P. Jung, H.	2020	ICRITO 2020 - IEEE 8th International Conference on Reliability, Infocom Materials Science and Engineering C
Versatile carbon supported mono and bimetallic nanocomposites: synthesis, characterization and their potential application for furfural reduction	Sharma, S. Sharma, G. Kumar, A. Naushad, M. Mola, G.T. Kumar, A. Al-Misned, F.A. El-Serehy, Sirunyan, A.M. et al.	2020	Materials Today Chemistry
Vesicular drug delivery systems as theranostics in COVID-19	Verma, R.K. Kumar, R. Sethi, M.	2020	Future Medicinal Chemistry
Visible light assisted photodegradation of 2,4-dinitrophenol using Ag ₂ CO ₃ loaded phosphorus and sulphur co-doped graphitic carbon nitride nanosheets in simulated wastewater	Satija, S. Mehta, M. Sharma, M. Prasher, P. Gupta, G. Chellappan, D.K. Dua, K.	2020	Arabian Journal of Chemistry
Visibly Active FeO/ZnO@PANI Magnetic Nano-photocatalyst for the Degradation of 3-Amino phenol	Raizada, P. Sudhaik, A. Singh, P. Shandilya, P. Thakur, P. Jung, H.	2020	Topics in Catalysis
W+W- boson pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sharma, S. Sharma, G. Kumar, A. Naushad, M. Mola, G.T. Kumar, A. Al-Misned, F.A. El-Serehy, Sirunyan, A.M. et al.	2020	Physical Review D
Waste Paper Sludge Ash as Supplementary Material for Cement	Mehta, V. Thakur, M.S. Pundir, A. Radha	2020	Annals of Agri Bio Research
Wavelength-Dependent Optical Chiralities of Symmetric and Asymmetric 2-Shaped Au Nanorod Structures at Nanoscales	Wu, J.-R. Kassou, S. Thakur, D. Dwivedi, R.P. Chang, S.-H.	2020	Plasmonics
Working women and motherhood – a review	Verma, A. Negi, Y.S.	2020	Annals of Agri Bio Research
Yoga as an intervention to manage multiple sclerosis symptoms	Thakur, P. Mohammad, A. Rastogi, Y.R. Saini, R.V. Saini, A.K.	2020	Journal of Ayurveda and Integrative Medicine
Zinc oxide nanoparticles: A comprehensive review on its synthesis, anticancer and drug delivery applications as well as health risks	Singh, T.A. Das, J. Sil, P.C.	2020	Advances in Colloid and Interface Science
Z-scheme photocatalytic dye degradation on AgBr/Zn(Co)Fe ₂ O ₄ photocatalysts supported on nitrogen-doped graphene	Chnadeli, N. Dutta, V. Sharma, S. Raizada, P. Sonu Hosseini-Bandeharaei, A. Kumar, R. Singh, Jasrotia, R. Pratap Singh, V. Kumar, R. Singha, K. Chandel, M. Singh, M.	2020	Materials Today Sustainability
Analysis of Cd ²⁺ and In ³⁺ ions doping on microstructure, optical, magnetic and molecular sieve properties of sol-gel synthesized BaM hexagonal ferrite based nanomaterials	Sharma, G. Kumar, A. Sharma, S. Al-Saeedi, S.I. Al-Senani, G.M. Nafady, A. Ahmad, T. Naushad, Singh, P. Sudhaik, A. Raizada, P. Shandilya, P. Sharma, R. Hosseini-Bandeharaei, A.	2019	Results in Physics
Fabrication of oxidized graphite supported La ₂ O ₃ /ZrO ₂ nanocomposite for the photoremediation of toxic fast green dye	Sharma, G. Kumar, A. Sharma, S. Al-Saeedi, S.I. Al-Senani, G.M. Nafady, A. Ahmad, T. Naushad, Singh, P. Sudhaik, A. Raizada, P. Shandilya, P. Sharma, R. Hosseini-Bandeharaei, A.	2019	Journal of Molecular Liquids
Photocatalytic performance and quick recovery of BiOI/Fe ₃ O ₄ @graphene oxide ternary photocatalyst for photodegradation of 2,4-dinitrophenol under visible light	Singh, P. Sudhaik, A. Raizada, P. Shandilya, P. Sharma, R. Hosseini-Bandeharaei, A.	2019	Materials Today Chemistry
Search for the pair production of light top squarks in the $e^+e^- \rightarrow \mu^+\mu^-$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
2020 Roadmap on two-dimensional nanomaterials for environmental catalysis	Yang, Y. Wu, M. Zhu, X. Xu, H. Ma, S. Zhi, Y. Xia, H. Liu, X. Pan, J. Tang, J.-Y. Chai, S.-P.	2019	Chinese Chemical Letters
A brief review on the synthesis of maghemite (γ -Fe ₂ O ₃) for medical diagnostic and solar energy applications	Kour, S. Sharma, R.K. Jasrotia, R. Singh, V.P.	2019	AIP Conference Proceedings
A merged molecular docking, ADME-T and dynamics approaches towards the genus of Arisaema as herpes simplex virus type 1 and type 2 inhibitors	Kant, K. Lal, U.R. Kumar, A. Ghosh, M.	2019	Computational Biology and Chemistry
A novel cost-effective medium for in vitro cultivation of Gentiana kurroo royle using sugarcane bagasse	Kaushal, S. Sidana, A.	2019	Journal of Applied Biology and Biotechnology
A novel PEGylated carbon nanotube conjugated mangiferin: An explorative nanomedicine for brain cancer cells	Harsha, P.J. Thotakura, N. Kumar, M. Sharma, S. Mittal, A. Khurana, R.K. Singh, B. Negi, P. Raza, K.	2019	Journal of Drug Delivery Science and Technology
A novel route for preparation of chemically activated carbon from pistachio wood for highly efficient Pb(II) sorption	Sajjadi, S.-A. Meknati, A. Lima, E.C. Dotto, G.L. Mendoza-Castillo, D.I. Anastopoulos, I. Alakhras, Wang, J. Zhao, S. Kakade, A. Kulshreshtha, S. Li, X. Liu, P.	2019	Journal of Environmental Management
A review on microbial electrocatalysis systems coupled with membrane bioreactor to improve wastewater treatment	Sharma, L. Sharma, A. Gupta, G.L. Bisht, G.S.	2019	Microorganisms
Acute and sub-acute oral toxicity assessment of a standardized polyherbal preparation POL-6 in rats	Sharma, A. Siddiqui, Z.M. Dhar, S. Mehta, P. Pathania, D.	2019	Natural Products Journal
Adsorptive removal of congo red dye (CR) from aqueous solution by Cornulaca monacantha stem and biomass-based activated carbon: Isotherm, kinetics and thermodynamics	Jafari, A.J. Alahabadi, A. Saghi, M.H. Rezal, Z. Rastegar, A. Zaman, M.S. Singh, P. Hosseini-	2019	Separation Science and Technology (Philadelphia)
Adsorptive removal of phenol from aqueous solutions using chemically activated rice husk ash: Equilibrium, kinetic, and thermodynamic studies		2019	Desalination and Water Treatment


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Ag3PO4 modified phosphorus and sulphur co-doped graphitic carbon nitride as a direct Z-scheme photocatalyst for 2,4-dimethyl phenol degradation	Raizada, P. Sudhaik, A. Singh, P. Shandilya, P. Gupta, V.K. Hosseini-Bandeharai, A. Agrawal, S.	2019	Journal of Photochemistry and Photobiology A: Chemistry
Algal biochar reinforced trimetallic nanocomposite as adsorptive/photocatalyst for remediation of malachite green from aqueous medium	Sharma, G. Bhogal, S. Gupta, V.K. Agarwal, S. Kumar, A. Pathania, D. Mola, G.T. Stadler, F.J.	2019	Journal of Molecular Liquids
Alteration in memory cognition due to activation of caveolin-1 and oxidative damage in a model of dementia of Alzheimer's type	Gupta, A. Sharma, A. Kumar, A. Goyal, R.	2019	Indian Journal of Pharmacology
Altitudinal variation in gallic acid content in fruits of Phyllanthus emblica L. and its correlation with antioxidant and antimicrobial activity	Sheoran, S. Nidhi, P. Kumar, V. Singh, G. Lal, U.R. Sourirajan, A. Dev, K.	2019	Vegetos
Aluminum-Based Catalysts for Cycloaddition Reactions: Moving One Step Ahead in Sustainability	Dogra, A. Gupta, N.	2019	ChemistrySelect
An embedding technique to determine π backgrounds in proton-proton collision data	Sirunyan, A.M. et al.	2019	Journal of Instrumentation
An ultra-compact optical modulator using indium tin oxide material and metal-dielectric-metal waveguide structure	Vaidya, T. Chauhan, D. Lee, H.I. Lee, C. Dwivedi, R.P.	2019	International Journal of Engineering and Advanced Technology
Analysis of effect of Ag ⁺ ion on microstructure and elemental distribution of strontium W-type hexaferrites	Jasrotia, R. Singh, V.P. Sharma, R.K. Kumar, P. Singh, M.	2019	AIP Conference Proceedings
Analysis of optical and magnetic study of silver substituted SrW hexagonal ferrites	Jasrotia, R. Singh, V.P. Sharma, R.K. Singh, M.	2019	AIP Conference Proceedings
Ann based route optimization for device-to-device IoT communication using an spectrum aware energy efficient routing protocol	Thakur, P. Thakur, G.	2019	International Journal of Engineering and Advanced Technology
Antibacterial activity with bacterial growth kinetics and GC-MS studies on leaf and tuber extracts of Arisaema tortuosum (Wall.) Schott	Kant, K. Lal, U.R. Ghosh, M.	2019	Indian Journal of Pharmaceutical Education and Research
Antibacterial and in vitro growth inhibition study of struvite urinary stones using Oxalis corniculata Linn. Leaf extract and its biofabricated silver nanoparticles	Das, P. Kumar, K. Nambiraj, A. Awasthi, R. Dua, K. Mallipedi, H.	2019	Recent Patents on Drug Delivery and Formulation
Application and Analysis of Hyperspectral Imaging	Sharma, A. Kaur, D. Gupta, A. Jaiswal, V.	2019	Proceedings of IEEE International Conference on Signal
Application of Gum Arabic in Nanoemulsion for Safe Conveyance of Bioactive Components	Dhull, S.B. Anju, M. Punia, S. Kaushik, R. Chawla, P.	2019	Nanotechnology in the Life Sciences
Application of hybrid analytical hierarchy process and complex proportional assessment approach for optimal design of brake friction materials	Singh, T. Patnaik, A. Fekete, G. Chauhan, R. Ganuli, B.	2019	Polymer Composites
Assessment of antimicrobial potential and phytochemical profiling of ethnomedicinal plant Berberis ciliata (Haw.) Steud. in Western Himalaya	Verma, R. Tapwal, A. Kumar, D. Puri, S.	2019	Journal of Microbiology, Biotechnology and Food Sciences
Assessment of wild medicinal plant used by migratory shepherds in alpine area of Rakchham-Chitkul Wild Life sanctuary of district Kinnaur in Himachal Pradesh	Radha Puri, S.	2019	Plant Archives
Bioflavonoids: Synthesis, functions and biotechnological applications	Verma, M.L. Sharma, S. Saini, R. Rani, V. Kushwaha, R.	2019	Biotechnological Production of Bioactive Compounds
Biological markers for the effects of yoga as a complementary and alternative medicine	Mohammad, A. Thakur, P. Kumar, R. Kaur, S. Saini, R.V. Saini, A.K.	2019	Journal of Complementary and Integrative Medicine
Biology and mycovirus-assisted biological control of Sclerotinia sclerotiorum infecting vegetable and oilseed crops	Gupta, T. Kumari, C. Vanshika Kulshrestha, S.	2019	Archives of Phytopathology and Plant Protection
Bis-ureido starch as a practically feasible solution for fluoride detection and adsorption from aqueous solution	Sen, K. Sharma, P. Singhal, R.K. Chauhan, K.	2019	Trends in Carbohydrate Research
Block chain technology based a secure solar energy management and trading system	Priyanka Vaidya, P.	2019	International Journal of Engineering and Advanced Technology
Carbon nitride, metal nitrides, phosphides, chalcogenides, perovskites and carbides nanophotocatalysts for environmental applications	Kumar, A. Thakur, P.R. Sharma, G. Naushad, M. Rana, A. Mola, G.T. Stadler, F.J.	2019	Environmental Chemistry Letters
Carbon quantum dot supported semiconductor photocatalysts for efficient degradation of organic pollutants in water: A review	Sharma, S. Dutta, V. Singh, P. Raizada, P. Rahmani-Sani, A. Hosseini-Bandeharai, A.	2019	Journal of Cleaner Production
Carbon quantum dots supported Ag/ZnO/phosphorus doped graphitic carbon nitride as Z-scheme photocatalyst for efficient photodegradation of 2,4-dinitrophenol	Hasija, V. Sudhaik, A. Raizada, P. Hosseini-Bandeharai, A. Singh, P.	2019	Journal of Environmental Chemical Engineering
Carbon-Nanotube-Based Materials for Electrochemical Sensing of the Neurotransmitter Dopamine	Bala, K. Sharma, D. Gupta, N.	2019	ChemElectroChem
Cartridge based nucleic acid amplification test: The sherlock of tuberculosis	Mankotia, J. Sethi, S. Khan, M.A.	2019	Journal of Pure and Applied Microbiology
Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Sirunyan, A.M. et al.	2019	Physical Review C
Charged-particle angular correlations in XeXe collisions at $s_{NN} = 5.44$ TeV	Sirunyan, A.M. et al.	2019	Physical Review C
Chemical modification of raw quercus leucotricophora wood strips and studies of its physicochemical properties and antifungal behavior	Sharma, G. Bhattacharya, S. Chauhan, V. Kumar, A. Inamuddin Asiri, A.M. Alamry, K.A.	2019	Desalination and Water Treatment
Combination of Searches for Higgs Boson Pair Production in Proton-Proton Collisions at $s = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review Letters
Combinations of single-top-quark production cross-section measurements and $ f_{LVtb} $ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments	Aaboud, M. et al.	2019	Journal of High Energy Physics
Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to τ lepton pairs	Sirunyan, A.M. et al.	2019	Physical Review D
Converting type II AgBr/VO into ternary Z-scheme photocatalyst via coupling with phosphorus doped g-C3N4 for enhanced photocatalytic activity	Raizada, P. Sudhaik, A. Singh, P. Hosseini-Bandeharai, A. Thakur, P.	2019	Separation and Purification Technology
Converting waste to energy: Production and characterization of biodiesel from Chlorella pyrenoidosa grown in a medium designed from waste	Bindra, S. Kulshrestha, S.	2019	Renewable Energy
Current update on preclinical and clinical studies of resveratrol, a naturally occurring phenolic compound	Samuel, V.P. Gupta, G. Dahiya, R. Jain, D.A. Mishra, A. Dua, K.	2019	Critical Reviews in Eukaryotic Gene Expression
Cyclic enaminone as new chemotype for selective cyclooxygenase-2 inhibitory, anti-inflammatory, and analgesic activities	Kumar, R. Saha, N. Purohit, P. Garg, S.K. Seth, K. Meena, V.S. Dubey, S. Dave, K. Goyal, R. Sharma, Kumar, R. Mohammad, A. Saini, R.V. Chahal, A. Wani, C.-M. Sharma, D. Kaur, S. Kumar, V. Singh, A. Thotakura, N. Singh, B. Lohan, S. Negi, P. Chitkara, D. Raza, K.	2019	European Journal of Medicinal Chemistry
Deciphering the in vivo redox behavior of human peroxiredoxins I and II by expressing in budding yeast	Haider, S. Alam, M.S. Hamid, H. Dhulap, A. Kumar, D.	2019	Free Radical Biology and Medicine
Delivery of Docetaxel to Brain Employing Piperine-Tagged PLGA-Aspartic Acid Polymeric Micelles: Improved Cytotoxic and Pharmacokinetic Profiles	Nanda, M. Kumar, V. Fatima, N. Pruthi, V. Verma, M. Chauhan, P.K. Vlaskin, M.S. Grigorenko, A.V.	2019	AAPS PharmSciTech
Design, synthesis and biological evaluation of benzoxazinone-containing 1,3,4-thiadiazoles as TNF- α inhibitors	Virk, A.K. Kumari, C. Tripathi, A. Kakade, A. Li, X. Kulshrestha, S.	2019	Heliyon
Detoxification mechanism of organophosphorus pesticide via carboxylesterase pathway that triggers de novo TAG biosynthesis in oleaginous microalgae	Datt, R. Bhisi, M.S. Darshan Kotiyal, A. Maithani, R. Kumar, A.	2019	Aquatic Toxicology
Development and efficacy analysis of a Moringa oleifera based potable water purification kit	Dularia, C. Sinharma, A. Thory, R. Pathera, A.K. Nain, V.	2019	Journal of Water Process Engineering
Development of new correlations for heat transfer and friction loss of solid ring with combined square wavy twisted tape inserts heat exchanger tube	Pathania, A. Thakur, P. Trukhanov, A.V. Trukhanov, S.V. Panina, L.V. Lüders, U. Thakur, A.	2019	Experimental Heat Transfer
Development of starch nanoparticles based composite films from non-conventional source - Water chestnut (Trapa bispinosa)	Rana, D. Jamwal, D. Kim, S.S. Katoch, A. Thakur, P. Park, J.Y.	2019	International Journal of Biological Macromolecules
Development of tungsten doped Ni-Zn nano-ferrites with fast response and recovery time for hydrogen gas sensing application	Radha Puri, S. Chandel, K. Pundir, A. Thakur, M.S. Chauhan, B. Simer, K. Dhiman, N. Shrivani	2019	Results in Physics
Dimethylenedis(tetra-decyldimethylammonium Bromide)-Driven Metal Nanoparticles: Hg ²⁺ Sensing a Competency			ACS Omega
Diversity of ethnomedicinal plants in Churdhar Wildlife Sanctuary of district Sirmour of Himachal Pradesh, India			Journal of Applied Pharmaceutical Science


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Diversity, indigenous uses and traditional practices of dye yielding plants in central himachal Pradesh, north western himachal Pradesh, Structure and Regeneration Pattern of Tree Communities in Kanawar Wildlife Sanctuary of Himachal Pradesh, North West Himalaya, India	Kumari, P. Samant, S.S. Puri, S. Singh, A. Rathore, S.	2019	Indian Journal of Traditional Knowledge
Draft genome sequence of halobacillus trueperi SS1, isolated from lunsu, a saltwater body in the northwest himalayas	Devi, K. Samant, S.S. Puri, S. Lal, M.	2019	Indian Journal of Ecology
Draft Genome Sequence of Hyperthermophilic, Halotolerant Parageobacillus toebii PW12, Isolated from the Tattapani Hot Spring, Northwest Himalayas	Gupta, S. Sharma, P. Dev, K. Bauml, D.J. Sourirajan, A.	2019	Microbiology Resource Announcements
Effect of circular inside conical ring obstacles on heat transfer and friction characteristics of round jets impinging on a solar air rectangular passage	Sharma, P. Gupta, S. Sourirajan, A. Bauml, D.J. Dev, K.	2019	Microbiology Resource Announcements
Effect of Cross-Linker in Poly(N-Isopropyl Acrylamide)-Grafted-Gelatin Gels Prepared by Microwave-Assisted Synthesis	Kumar, N. Kumar, A. Maithani, R. Thakur, R. Kumar, R. Thakur, A.	2019	International Journal of Green Energy
Effect of nanofluid flow and protrusion ribs on performance in square channels: An experimental investigation	Garcia-Penas, A. Sharma, G. Kumar, A. Galluzzi, M. Du, L. Stadler, F.J.	2019	ChemistrySelect
Effect of sol-gel synthesis method on the structural, electrical, and ferroelectric properties of lead-free K _{0.5} Na _{0.5} NbO ₃ ceramic	Kumar, S. Kothiyal, A.D. Bisht, M.S. Kumar, A.	2019	Journal of Enhanced Heat Transfer
Effect of Y ³⁺ , Sm ³⁺ and Dy ³⁺ ions on the microstructure, morphology, optical and magnetic properties NiCoZn magnetic nanoparticles	Kumar, S. Shandilya, M. Thakur, S. Thakur, N. Anit Kaur, G.	2019	Journal of Sol-Gel Science and Technology
Effects of Brain Ischemic Preconditioning on Cognitive Decline and Motor Incoordination in 3-Nitropropionic Acid-Intoxicated Rats: Probable Mechanisms of Action	Jasrotia, R. Suman Pratap Singh, V. Kumar, R. Verma, R. Chauhan, A.	2019	Results in Physics
Efficient lactamide synthesis by fed-batch method using Nitrile hydratase of Rhodococcus jordanii varans NIT-36	Sharma, A. Goyal, R.	2019	Neurophysiology
Electrocatalysts for electrooxidation of direct alcohol fuel cell: chemistry and applications	Singh, P. Kumari, A. Attri, C. Seth, A.	2019	Journal of Microbiology, Biotechnology and Food Sciences
Elucidation of structure of MALDI-TOF peptide fingerprint of purified microbial protease and its use in bioactive dipeptide precursor synthesis	Siwal, S.S. Thakur, S. Zhang, Q.B. Thakur, V.K.	2019	Materials Today Chemistry
Emerging complexity and the need for advanced drug delivery in targeting Candida species	Thakur, N. Gupta, S. Nagark, R. Sharma, S. Verma, R. Kumar, D.	2019	International Journal on Emerging Technologies
Endoglucanase gene of M42 aminopeptidase/endoglucanase family from thermophilic Bacillus sp. PW1 and PW2 isolated from Tattapani hot spring, Himachal Pradesh, India	Wadhwa, R. Pandey, P. Gupta, G. Aggarwal, T. Kumar, N. Mehta, M. Satia, S. Gulati, M. Madan, D.	2019	Current Topics in Medicinal Chemistry
Enhanced photocatalytic activity and stability of AgBr/BiOBr/graphene heterojunction for phenol degradation under visible light	Sharma, D. Sharma, P. Dev, K. Sourirajan, A.	2019	Journal of Genetic Engineering and Biotechnology
Erratum to: Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at s = 13 TeV [Journal of High Energy Physics, (2018), 2018, 6, (127)]	Singh, P. Sonu Raizada, P. Sudhaik, A. Shandilya, P. Thakur, P. Agarwal, S. Gupta, V.K.	2019	Journal of Saudi Chemical Society
Ethnomedicinal remedy for the liver disorders in Himachal Pradesh: A review	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Evaluation of the Antimicrobial Efficacy of Herbal Extracts Added to Root Canal Sealers of Different Bases: An In Vitro Study	Bhardwaj, K. Sharma, P. Dhanjal, D.S. Kumar, H.	2019	Plant Archives
Experimental investigation of the performance of a novel solar dryer for drying medicinal plants in Western Himalayan region	Devi, M.T. Saha, S. Tripathi, A.M. Dhinsa, K. Kalra, S.K. Ghoshal, U.	2019	International Journal of Clinical Pediatric Dentistry
Experimental study on heat transfer and fluid-flow enhancement of a spherical shape obstacle solar air passage	Bhardwaj, A.K. Kumar, R. Chauhan, R.	2019	Solar Energy
Exploring community resilience and early warning solution for flash floods, debris flow and landslides in conflict prone villages of Badkashan, Afghanistan	Bhardwaj, A.K. Kumar, A. Maithani, R. Kumar, R. Kumar, S. Chauhan, R.	2019	Thermal Science
Fabrication and characterization of novel FeO/Guar gum-crosslinked-soya lecithin nanocomposite hydrogel for photocatalytic degradation of methylene blue dye	Mohanty, A. Hussain, M. Mishra, M. Kattel, D.B. Pal, I.	2019	International Journal of Disaster Risk Reduction
Fabrication of Ag ₃ VO ₄ decorated phosphorus and sulphur co-doped graphitic carbon nitride as a high-dispersed photocatalyst for phenol mineralization and E. coli disinfection	Sharma, G. Kumar, A. Sharma, S. Al-Muhtaseb, A.H. Naushad, M. Ghfar, A.A. Ahmad, T. Stadler, F.J.	2019	Separation and Purification Technology
Fe/La/Zn nanocomposite with graphene oxide for photodegradation of phenylhydrazine	Raizada, P. Sudhaik, A. Singh, P. Shandilya, P. Saini, A.K. Gupta, V.K. Lim, J.-H. Jung, H. Hosseini, S.	2019	Separation and Purification Technology
Fire in pine grown regions of Himalayas depletes cultivable plant growth promoting beneficial microbes in the soil	Sharma, G. Garcia-Penas, A. Kumar, A. Naushad, M. Mola, G.T. Alshehri, S.M. Ahmed, J. Alhokbany, M. Mittal, D. Shukla, R. Verma, S. Sagar, A. Verma, K.S. Pandey, A. Negi, Y.S. Saini, R.V. Saini, A.K.	2019	Journal of Molecular Liquids
First Record of Some Earthworm Species (Oligochaeta: Megadrile) from Kerala Part of Western Ghats Biodiversity Hotspot, Southwest India	Narayanan, S.P. Sathrumithra, S. Christopher, G. Thomas, A.P. Julka, J.M.	2019	Applied Soil Ecology
Fluid flow and heat transfer enhancement in wings with combined solid ring twisted tape inserts circular heat exchanger tube	Datt, R. Bhist, M.S. Kothiyal, A.D. Maithani, R. Kumar, A.	2019	National Academy Science Letters
Further insight into the distribution and morphology of some Viola species occurring in Himachal Pradesh, Western Himalaya, India	Guleria, I. Kumari, S. Verma, R. Kumar, A.	2019	Thermal Science
GdVO ₄ modified fluorine doped graphene nanosheets as dispersed photocatalyst for mitigation of phenolic compounds in a aqueous environment and bacterial disinfection	Shandilya, P. Mittal, D. Sudhaik, A. Soni, M. Raizada, P. Saini, A.K. Singh, P.	2019	Medicinal Plants
Global toxicology research output (2008-2017): A scientometric analysis	Sharma, A.K.	2019	Separation and Purification Technology
Graphene oxide supported La/Co/Ni trimetallic nano-scale systems for photocatalytic remediation of 2-chlorophenol	Sharma, G. Kumar, A. Naushad, M. Sharma, S. Ghfar, A.A. Ahmad, T. Si, C. Stadler, F.J.	2019	Library Philosophy and Practice
Graphene quantum dot-based nanostructures for water treatment	Mamba, G. Moss, L. Gangashe, G. Thakur, S. Muthurali, V. Vadivel, S. Vilakati, G.D. Nkambule, D.	2019	Journal of Molecular Liquids
Green chemistry appended synthesis, metabolic stability and pharmacokinetic assessment of medicinally important chromene dihydroimidinones	Dash, A.K. Mukherjee, D. Dhulap, A. Haider, S. Kumar, D.	2019	Carbon Nanomaterials for Agri-food and Environmental Applications
Green synthesis of titanium dioxide nanoparticles using Azadirachta indica leaf extract and evaluation of their antibacterial activity	Thakur, B.K. Kumar, A. Kumar, D.	2019	Bioorganic and Medicinal Chemistry Letters
Hepatitis E: Current status in India and other Asian countries	Kumar, H. Kamar, N. Kumar, D.	2019	South African Journal of Botany
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Highly visible active Ag ₂ CrO ₄ /Ag ₂ BiFeO ₃ /RGO nano-junction for photoreduction of CO ₂ and photocatalytic removal of ciprofloxacin and bromate ions: The tripping effect of Ag and RGO	Kumar, A. Sharma, G. Naushad, M. Ahmad, T. Veses, R.C. Stadler, F.J.	2019	Catalysis Today
Honeycomb structured activated carbon synthesized from Pinus roxburghii cone as effective bioadsorbent for toxic malachite green dye	Sharma, G. Sharma, S. Kumar, A. Naushad, M. Du, B. Ahmad, T. Ghfar, A.A. Alqadami, A.A. Kaur, G. Fahrner, R. Wittmann, V. Steger, B. Dietrich, D.B.	2019	Chemical Engineering Journal
Human MRP2 exports MC-LR but not the glutathione conjugate	Datt, R. Kumar, A. Bhist, M.S. Kothiyal, A.D. Maithani, R.	2019	Journal of Water Process Engineering
Hydrodynamic and thermal performance of twisted tape insert provided in heat exchanger tubes: A review	Bulusev, D.A. Sobolev, V.I. Pirutko, L.V. Starostina, A.V. Asanov, I.P. Modin, E. Chuvpilo, K.	2019	Chemico-Biological Interactions
Hydrogen production from formic acid over Au catalysts supported on carbon: Comparison with Au catalysts supported on SiO ₂ and Al ₂ O ₃	Kumar, P. Singh, B. Thakur, V. Thakur, A. Thakur, N. Pandey, D. Chand, D.	2019	Frontiers in Heat and Mass Transfer
Hyper-production of taxol from Aspergillus fumigatus, an endophytic fungus isolated from Taxus sp. of the Northern Himalayan region	Bogtapa, S. Devi, R.U. Aini, M. Thakur, I.I. Bhadwal, D. Sharma, E. Sharma, K. Thakur, A.	2019	Catalysts
IMMATURE STAGES OF PAPILO POLYES LINNAEUS (LEPIDOPTERA: PAPILIONIDAE)	Rani, D. Kumar, N. Bhushan, B.	2019	Biotechnology Reports
Implementation of an Automated Irrigation System for Agriculture Monitoring using IoT Communication	Han, H. Ling, Z. Khan, A. Virk, A.K. Kulshrestha, S. Li, X.	2019	Indian Journal of Entomology
Improvements of thermophilic enzymes: From genetic modifications to applications	Thakur, M. Bhattacharya, S. Khosla, P.K. Puri, S.	2019	Proceedings of IEEE International Conference on Signal
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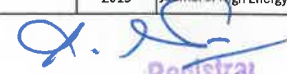
Inclusive search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Indigenous technical knowledge (ITKs) for successful animal husbandry in cold deserts of Ladakh valley in Indian Himalayas	Kumar, K. Khosla, P.K. Dutt, N. Farhana, M.	2019	Indian Journal of Animal Sciences
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Influence of leadership style: A review	Thakur, D.J. Verma, P. Sharma, D.	2019	International Journal of Advanced Science and Technology
Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases	Chellappan, D.K. Sze Ning, Q.L. Su Min, S.K. Bin, S.Y. Chern, P.J. Shi, T.P. Ee Mei, S.W. Yee, T.H.	2019	Chemico-Biological Interactions
Investigation of antioxidant activity of Cinnamomum tamala and Pittosporum eriocarpum in Central Himalach Pradesh, North Western Himalaya, India	Kumari, P. Samant, S.S. Puri, S. Kundra, R. Devi, K.	2019	Medicinal Plants
Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at sNN = 5.02 TeV	Sirunyan, A.M. et al.	2019	Physical Review Letters
Low temperature crystal growth of lead-free complex perovskite nano-structure by using sol-gel hydrothermal process	Shandilya, M. Kaur, G.A.	2019	Journal of Solid State Chemistry
Low-temperature catalyst based Hydrothermal liquefaction of harmful Macroalgal blooms, and aqueous phase nutrient recycling by microalgae	Kumar, V. Kumar, S. Chauhan, P.K. Verma, M. Bahuguna, V. Joshi, H.C. Ahmad, W. Neji, P. Yanagawa, A. Couto, A. Sandoz, J.-C. Hata, T. Mitra, A. Ali Akbar, M. Marion-Poll, F.	2019	Scientific Reports
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Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{sNN}=5.02$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
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Measurements of the pp γ WZ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Medicinal plants remedy for water-borne diseases in Rural and remote areas of Uttarakhand: A review	Bhardwaj, K. Bhardwaj, P. Dhanjal, D.S.	2019	Plant Archives
Metal Telluride Nanomaterials: Facile Synthesis, Properties and Applications for Third Generation Devices	Janmwal, D. Mehta, S.K.	2019	ChemistrySelect
Microencapsulation: An overview for the survival of probiotic bacteria	Obero, K. Tolun, A. Sharma, K. Sharma, S.	2019	Journal of Microbiology, Biotechnology and Food Sciences
Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and antibacterial properties	Sadhukhan, P. Kundu, M. Rana, S. Kumar, R. Das, J. Sil, P.C.	2019	Toxicology Reports
Morphology-dependent performance of thin film organic solar cells	Arbab, E.A.A. Gebremichael, B. Kumar, A. Moia, G.T.	2019	Journal of Modern Optics
Multiplexed stn and plca based specific genetic marker for early detection of salmonella enterica and listeria monocytogenes in milk samples	Saini, K. Kaushal, A. Gupta, S. Kumar, D.	2019	Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology
Neuron-Astrocyte Liaison to Maintain Lipid Metabolism of Brain	Mukherjee, S. Suresh, S.N.	2019	Trends in Endocrinology and Metabolism
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Observation of Two Excited Bc+ States and Measurement of the Bc+ (2S) Mass in pp Collisions at $\sqrt{s}=13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review Letters
Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases	Mehta, M. Deeksha Tewari, D. Gupta, G. Awasthi, R. Singh, H. Pandey, P. Chellappan, D.K.	2019	Chemico-Biological Interactions
Optimized DNA-based bioassay for Leptospira interrogans detection: a novel platform for leptospirosis diagnosis	Nagraik, R. Kaushal, A. Gupta, S. Dhar, P. Sethi, S. Kumar, D.	2019	3 Biotech
Pair wise comparison of D. radiodurans with radioresistant bacteria and non radioresistant bacteria on habitat basis	Vishambra, D. Jaiswal, V. Priya, V.	2019	Journal of Critical Reviews
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Pharmacokinetic evaluation of medicinally important synthetic N,N'-diindolylmethane glucoside: Improved synthesis and metabolic stability	Magotra, A. Gour, A. Sharma, D.K. Dash, A.K. Singh, G. Mukherjee, D. Nandi, U.	2019	Bioorganic and Medicinal Chemistry Letters
Phospholipid nanoformulation of thymoquinone with enhanced bioavailability: Development, characterization and anti-inflammatory activity	Rathore, C. Upadhyay, N.K. Sharma, A. Lal, U.R. Raza, K. Neji, P.	2019	Journal of Drug Delivery Science and Technology
Photocatalytic mineralization of antibiotics using 60%WO ₃ /BiOCl stacked to graphene sand composite and chitosan	Singh, P. Priya, B. Shandilya, P. Raizada, P. Singh, N. Pare, B. Jonnalagadda, S.B.	2019	Arabian Journal of Chemistry
Photocatalytic water decontamination using graphene and ZnO coupled photocatalysts: A review	Raizada, P. Sudhaik, A. Singh, P.	2019	Materials Science for Energy Technologies
Photodegradation of toxic dye using Gum Arabic-crosslinked-poly(vinylamine)/Ni(OH) ₂ /FeOOH nanocomposites hydrogel	Naushad, M. Sharma, G. AlOthman, Z.A.	2019	Journal of Cleaner Production
pH-responsive and targeted delivery of curcumin via phenylboronic acid-functionalized ZnO nanoparticles for breast cancer therapy	Kundu, M. Sadhukhan, P. Ghosh, N. Chatterjee, S. Manna, P. Das, J. Sil, P.C.	2019	Journal of Advanced Research
Phytochemical analysis of ethanolic extracts of leaves of some selected medicinal plants used by tribal community of Sanila Valley, District Kinnaur, Himachal Pradesh	Radha Puri, S.	2019	Plant Archives
Phytochemical screening of medicinal plants used by tribal migratory shepherds in Western Himalaya	Radha Puri, S. Kumar, V.	2019	Annals of Biology
Polyamine-modified magnetic graphene oxide surface: Feasible adsorbent for removal of dyes	Abdi, G. Alizadeh, A. Amirian, J. Rezaei, S. Sharma, G.	2019	Journal of Molecular Liquids
Potential angiotensin converting enzyme inhibitors from Moringa oleifera	Khan, H. Jaiswal, V. Kulshreshtha, S. Khan, A.	2019	Recent Patents on Biotechnology
Potential enzymatic targets in Alzheimer's: A comprehensive review	Alam, J. Sharma, L.	2019	Current Drug Targets
Preparation and Characterization of Gum Acacia/Ce(IV)/MoPO ₄ Nanocomposite Ion Exchanger for Photocatalytic Degradation of Methyl Violet Dye	Sirajuddin Gupta, V. Sharma, G. Kumar, A. Stadler, F.J. Inamuddin	2019	Journal of Inorganic and Organometallic Polymers and Materials
Preparation of pH-sensitive hydrogels by graft polymerization of itaconic acid on tragacanth gum	Verma, C. Negi, P. Pathania, D. Sethi, V. Gupta, B.	2019	Polymer International
Progress in pectin based hydrogels for water purification: Trends and challenges	Thakur, S. Chaudhary, J. Kumar, V. Thakur, V.K.	2019	Journal of Environmental Management
Protein (bovine serum albumin) driven copper selenide and copper telluride nanostructures: structural, optical and electrical properties	Jamwal, D. Rana, D. Soni, A. Dudi, M. Umar, A. Tiwari, P. Katoch, A. Mehta, S.K.	2019	Journal of Materials Science: Materials in Electronics
Pseudomonas fluorescens: a potential food spoiler and challenges and advances in its detection	Kumar, H. Franzetti, L. Kaushal, A. Kumar, D.	2019	Annals of Microbiology


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Quantifying fraction of total power vs wavelength of ultra-nanoscale plasmonic biosensor device using metal-insulator-metal-metal stack, nano wells and biotin layer.	Sharma, D. Dwivedi, R.P.	2019	International Journal of Recent Technology and Engineering
Rapid detection of Salmonella enterica in raw milk samples using Stn gene-based biosensor	Saini, K. Kaushal, A. Gupta, S. Kumar, D.	2019	3 Biotech
Recent advances in biosensors for diagnosis of celiac disease: A review	Gupta, S. Kaushal, A. Kumar, A. Kumar, D.	2019	Biotechnology and Bioengineering
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Recent advances in nano-Fenton catalytic degradation of emerging pharmaceutical contaminants	Kumar, A. Rana, A. Sharma, G. Naushad, M. Dhiman, P. Kumari, A. Stadler, F.J.	2019	Journal of Molecular Liquids
Recent advances in noble metal free doped graphitic carbon nitride based nanohybrids for photocatalysis of organic pollutants in water: A review	Hasija, V. Raizada, P. Sudhaik, A. Sharma, K. Kumar, A. Singh, P. Jonnalagadda, S.B. Thakur, Singh, S. Hussain, A. Shakeel, F. Ahsan, M.J. Alshehri, S. Webster, T.J. Lal, U.R.	2019	Applied Materials Today
Recent insights on nanomedicine for augmented infection control	Dutta, V. Singh, P. Shandilya, P. Sharma, S. Raizada, P. Saini, A.K. Gupta, V.K. Hosseini-Bandehbaraei, A. Kumar, G. Singh, P.	2019	International Journal of Nanomedicine
Review on advances in photocatalytic water disinfection utilizing graphene and graphene derivatives-based nanocomposites	Sonuj, Dutta, V. Sharma, S. Raizada, P. Hosseini-Bandehbaraei, A. Kumar, G. Singh, P.	2019	Journal of Environmental Chemical Engineering
Review on augmentation in photocatalytic activity of CoFe2O4 via heterojunction formation for photocatalysis of organic pollutants in water	Sonuj, Dutta, V. Sharma, S. Raizada, P. Hosseini-Bandehbaraei, A. Kumar, G. Singh, P.	2019	Journal of Saudi Chemical Society
Reviewing transcutaneous power supplies for high power implantable heart pumps	Vaidya, T. Dwivedi, R.P. Pal, M.	2019	International Journal of Mechanical and Production Engineering Research and
Roytea cinerea (D.Don) Baillon: Ethnomedicinal uses, phytochemistry and pharmacology: A review	Pundir, S. Mahindroo, N.	2019	Journal of Ethnopharmacology
S.Typhi derived OmpC peptide conjugated with Vi-polysaccharide evokes better immune response than free Vi-polysaccharide in mice	Haque, S. Sengupta, S. Gupta, D. Bhan, M.K. Kumar, R. Khan, A. Jaiikhan, B.	2019	Biologicals
Saccharomyces cerevisiae polo-like kinase, Cdc5 exhibits ATP-dependent Mg2+-enhanced kinase activity in vitro	Chauhan, S. Samanta, S. Sharma, N. Thakur, J.K. Dev, K. Souriralan, A.	2019	Helvion
Scientometric analysis of biotechnology research output in India during 2008-2017	Sharma, A.K. Dwivedee, B.P. Soni, S. Kapoor, D.N. Patil, V.	2019	Library Philosophy and Practice
Search for a low-mass $\tau - \tau^*$ resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for charged Higgs bosons in the $H \rightarrow \tau^+ \tau^-$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
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Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for excited leptons in $\ell\ell\gamma$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two τ leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review D
Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review D
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Search for MSSM Higgs bosons decaying to $\mu^+\mu^-$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy
Search for narrow H _y resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review Letters
Search for new particles decaying to a jet and an emerging jet	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for nonresonant Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for pair production of first-generation scalar leptoquarks at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review D
Search for pair production of second-generation leptoquarks at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review D
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Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review D
Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for resonances decaying to a pair of Higgs bosons in the $b\bar{b}b\bar{b}q\bar{q}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for resonant $t\bar{t}$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for $t\bar{t}H$ production in the $H \rightarrow b\bar{b}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics


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Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s} = 13$ TeV via Higgs boson decays to τ leptons	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Physical Review Letters
Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Sirunyan, A.M. et al.	2019	European Physical Journal C
Search for W Boson Decays to Three Charged Pions	Sirunyan, A.M. et al.	2019	Physical Review Letters
Selection of erosive wear rate parameters of pelton turbine buckets using PSI and TOPSIS techniques	Thakur, R. Kumar, S. Kashyap, K. Kumar, A. Ajarwal, S.	2019	International Journal of Innovative Technology and Exploring Engineering
Sequential fractionation by organic solvents enhances the antioxidant and antibacterial activity of ethanolic extracts of fruits and leaves of <i>Terminalia bellerica</i> from North Western	Chandel, S.R. Kumar, V. Guleria, S. Sharma, N. Sourirajan, A. Khosla, P.K. Bauml, D.J. Dev, K.	2019	Pharmacognosy Journal
Silver-mediated Bi_2O_3 and graphitic carbon nitride nanocomposite as all solid state Zn^{2+} selective photocatalyst for imidacloprid pesticide abatement from water	Raizada, P. Sudhaik, A. Singh, P. Hosseini-Bandeharai, A. Gupta, V.K. Ajarwal, S.	2019	Desalination and Water Treatment
Small molecules derived carbon dots: Synthesis and applications in sensing, catalysis, imaging, and biomedicine	Sharma, A. Das, J.	2019	Journal of Nanobiotechnology
Solar active nano- Zn^{2+} - MgFe_2O_4 as a magnetically separable sustainable photocatalyst for degradation of sulfadiazine antibiotic	Dhiman, P. Dhiman, N. Kumar, A. Sharma, G. Naushad, M. Ghfar, A.A.	2019	Journal of Molecular Liquids
Solar light assisted degradation of oxytetracycline from water using $\text{Bi}_2\text{O}_3/\text{Fe}_3\text{O}_4$ supported graphitic carbon nitride photocatalyst	Raizada, P. Sudhaik, A. Singh, V.P. Gupta, V.K. Hosseini-Bandeharai, A. Kumar, R. Singh, P.	2019	Desalination and Water Treatment
Sol-gel synthesis of polyacrylamide-stannic arsenate nanocomposite ion exchanger: binary separations and enhanced photocatalytic activity	Kumar, A. Sharma, G. Thakur, M. Pathania, D.	2019	SN Applied Sciences
Solvent-Tolerant Acyltransferase from <i>Bacillus</i> sp. APB-6: Purification and Characterization	Pandey, D. Patel, S.K.S. Singh, R. Kumar, P. Thakur, V. Chand, D.	2019	Indian Journal of Microbiology
Some divalent metal(II) complexes of salicylaldehyde-derived Schiff bases: Synthesis, spectroscopic characterization, antimicrobial and in vitro anticancer studies	Devi, J. Yadav, M. Kumar, D. Naik, L.S. Jindal, D.K.	2019	Applied Organometallic Chemistry
Spherically shaped pectin-g-poly(amidoxime)-Fe complex: A promising innovative pathway to tailor a new material in high amidoxime functionalization for fluoride adsorption	Sharma, P. Sen, K. Thakur, P. Chauhan, M. Chauhan, K.	2019	International Journal of Biological Macromolecules
Studies on genetic fidelity of long term micropropagated culture derived plants of offa strawberry using molecular markers	Sharma, S. Kaur, R. Kumar, K.	2019	Indian Journal of Horticulture
Study of phase transitional behavior and electrical properties of relaxor $\text{Ba}_0.85\text{Ca}_0.15\text{Zr}_0.05\text{Ti}_0.95\text{O}_3$ lead free ceramic	Shandilya, M. Thakur, S. Rai, R.	2019	Ferroelectrics, Letters Section
Study of the $B \rightarrow J/\psi \Lambda^+ p$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV	Sirunyan, A.M. et al.	2019	Journal of High Energy Physics
Study of wild medicinal plants used by tribal migratory shepherds in hills of Shimla District, Himachal Pradesh	Radha Puri, S.	2019	Plant Archives
Survey of ethnomedicinal plants used by migratory shepherds in Shimla district of Himachal Pradesh	Radha Puri, S.	2019	Plant Archives
Synthesis and biomedical applications of nanoceria, a redox active nanoparticle	Thakur, N. Manna, P. Das, J.	2019	Journal of Nanobiotechnology
Synthesis and characterization of Mg-Ag-Mn nano-ferrites for electromagnet applications	Jasrotia, R. Kumar, G. Batoo, K.M. Adil, S.F. Khan, M. Sharma, R. Kumar, A. Singh, V.P.	2019	Physica B: Condensed Matter
Synthesis and investigation of the role of benzopyran dihydropyrimidinone hybrids in cell proliferation, migration and tumor growth	Dash, A.K. Nayak, D. Hussain, N. Mintoo, M.J. Bang, S. Katoch, A. Mondhe, D.M. Goswami, A.	2019	Anti-Cancer Agents in Medicinal Chemistry
Synthesis, characterization and cellular mineral absorption of nanoemulsions of <i>Rhododendron arboreum</i> flower extracts stabilized with gum arabic	Chawla, P. Kumar, N. Kaushik, R. Dhull, S.B.	2019	Journal of Food Science and Technology
Synthesis, spectroscopic characterization, biological screening and in vitro cytotoxic studies of 4-methyl-3-thiosemicarbazone derived Schiff bases and their Co(II) , Ni(II) , Cu(II) and Zn(II)	Devi, J. Yadav, M. Jindal, D.K. Kumar, D. Poornachandra, Y.	2019	Applied Organometallic Chemistry
Systematic review on applicability of magnetic iron oxides-integrated photocatalysts for degradation of organic pollutants in water	Singh, P. Sharma, K. Hasija, V. Sharma, V. Sharma, S. Raizada, P. Singh, M. Saini, A.K. Sadhukhan, P. Kundu, M. Chatterjee, S. Ghosh, N. Manna, P. Das, J. Sil, P.C.	2019	Materials Today Chemistry
Targeted delivery of quercetin via pH-responsive zinc oxide nanoparticles for breast cancer therapy	Sharma, P. Dwivedi, B.P. Bisht, D. Dash, A.K. Kumar, D.	2019	Materials Science and Engineering C
The chemical constituents and diverse pharmacological importance of <i>Tinospora cordifolia</i>	Sharma, P. Dwivedi, B.P. Bisht, D. Dash, A.K. Kumar, D.	2019	Heliyon
The genus <i>Laggera</i> (Asteraceae) – Ethnobotanical and Ethnopharmacological Information, Chemical Composition as well as Biological Activities of Its Essential Oils and Extracts: A	Getahun, T. Sharma, V. Gupta, N.	2019	Chemistry and Biodiversity
Thymoquinone-loaded lipid vesicles: A promising nanomedicine for psoriasis	Negi, P. Sharma, I. Hemrajani, C. Rathore, C. Bisht, A. Raza, K. Katar, O.P.	2019	BMC Complementary and Alternative Medicine
Trust and reputation based secure opportunistic routing protocol for WSN	Sharma, A. Singh, Y. Kumar, N.	2019	International Journal of Advanced Science and Technology
Valorisation of Biomass Derived Furfural and Levulinic Acid by Highly Efficient Pd@ND Catalyst	Gupta, N. Dimitratos, N. Su, D. Villa, A.	2019	Energy Technology
Vesicular arbuscular mycorrhizal diversity in some important ethnomedicinal plants of Western Himalaya	Verma, R. Tapwal, A. Kumar, D. Parkash, V. Puri, S.	2019	Medicinal Plants
Visible photodegradation of Ibuprofen and 2,4-D in simulated waste water using sustainable metal-free hybrids based on carbon nitride and biochar	Kumar, A. Sharma, G. Naushad, M. Al-Muhtaseb, A.H. Kumar, A. Hira, I. Ahmad, T. Ghfar, A.A. Kumar, A. Sharma, S.K. Sharma, G. Al-Muhtaseb, A.H. Naushad, M. Ghfar, A.A. Stadler, F.J.	2019	Journal of Environmental Management
Wide spectral degradation of Norfloxacin by $\text{Ag@BiPO}_4/\text{BiOBr}/\text{BiFeO}_3$ nano-assembly: Elucidating the photocatalytic mechanism under different light sources	Kumar, A. Sharma, S.K. Sharma, G. Al-Muhtaseb, A.H. Naushad, M. Ghfar, A.A. Stadler, F.J.	2019	Journal of Hazardous Materials
ZnO nanoparticle with promising antimicrobial and antiproliferation synergistic properties	Jaswal, V.S. Chaudhary, A. Thakur, P. Sharma, D. Arora, A.K. Khanna, R. Tuli, H.S.	2019	Comprehensive Analytical Chemistry


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Some divalent metal(II) complexes of salicylaldehyde-derived Schiff bases: Synthesis, spectroscopic characterization, A Novel Approach of Synthesis Zinc Oxide Nanoparticles by <i>Bergenia ciliata</i> Rhizome Extract: Antibacterial and Anticancer Highly effective degradation of imidacloprid by H2O2/fullerene decorated P-doped g-C3N4 photocatalyst Multifunctional CuO nanoparticles with enhanced photocatalytic dye degradation and antibacterial activity Applications of nanotechnology in biosensor-based detection of foodborne pathogens Onion (<i>Allium cepa</i> L.) peels: A review on bioactive compounds and biomedical activities Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update A Glimpse into Green Chemistry Practices in the Pharmaceutical Industry Current Advancements in Pectin: Extraction, Properties and Multifunctional Applications Fabrication of efficient CuO / graphitic carbon nitride based heterogeneous photo-Fenton like catalyst for degradation of 2, Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Acanthamoeba and its pathogenic role in granulomatous amebic encephalitis ANN, MSP-tree and nonlinear regression algorithms with statistical evaluations to predict the compressive strength of The wonderful activities of the genus <i>Mentha</i> : Not only antioxidant properties Albumin nano-encapsulation of piceatannol enhances its anticancer potential in colon cancer via downregulation of Tumor targeted delivery of umbelliferone via a smart mesoporous silica nanoparticles controlled-release drug Traditional uses, bioactive composition, pharmacology, and toxicology of <i>Phyllanthus emblica</i> fruits: A comprehensive Antimicrobial potential of ag-doped ZnO nanostructure synthesized by the green method using <i>moringa oleifera</i> extract Hydroxyapatite tailored hierarchical porous biochamber composite immobilized Cd(II) and Pb(II) and mitigated their hazardous Efficient dye degradation strategies using green synthesized ZnO-based nanoplateforms: A review Cellulosic biomass-based sustainable hydrogels for wastewater remediation: Chemistry and prospective Improved room temperature dielectric properties of Gd3+ and Nb5+ co-doped Barium Titanate ceramics Cobalt(II), nickel(III), copper(II) and zinc(II) complexes of thiadiazole based Schiff base ligands: Synthesis, structural CNS implications of COVID-19: A comprehensive review Patented therapeutic drug delivery strategies for targeting pulmonary diseases Emerging cocatalysts in TiO2-based photocatalysts for light-driven catalytic hydrogen evolution: Progress and perspectives Apoptosis induction in lung and prostate cancer cells through silver nanoparticles synthesized from <i>Pinus roxburghii</i> bioactive Photocatalytic mineralization of antibiotics using 60%WO3/BiOCl stacked to graphene sand composite and Persistent organic pollutants in water resources: Fate, occurrence, characterization and risk analysis Recent advances in net-zero energy greenhouses and adapted thermal energy storage systems Cottonseed: A sustainable contributor to global protein requirements An overview on bismuth molybdate based photocatalytic systems: Controlled morphology and enhancement strategies Construction of magnetically separable novel arrow down dual S-scheme ZnIn2S4/BiOCl/FeVO4 heterojunction for improved Malus domestica: A review on nutritional features, chemical composition, traditional and medicinal value Algal biochar reinforced trimetallic nanocomposite as adsorbtional/photocatalyst for remediation of malachite green Boosting light-driven CO2 reduction into solar fuels: Mainstream avenues for engineering ZnO-based photocatalysts Ethnomedicinal uses, phytochemistry and dermatological effects of <i>Hippophae rhamnoides</i> L.: A review Synergistic photocatalytic dye mitigation and bacterial disinfection using carbon quantum dots decorated dual Z-Scheme S-scheme and dual S-scheme heterojunctions for photocatalytic hydrogen evolution, water detoxification and Honeycomb structured activated carbon synthesized from <i>Pinus roxburghii</i> cone as effective biosorbent for toxic Adsorption of persistent organic pollutants (POPs) from the aqueous environment by nano-adsorbents: A review	Devi, J., J. Yadav, M. J. Kumar, D. J. Naik, L.S. Jindal, D.K. Dulta, K. J. Kosharsoy Agçeli, G. J. Chauhan, P. J. Jasrotia, R. Chauhan, P.K. Sudhaik, A. J. Raizada, P. J. Singh, P. J. Hosseini-Bandegharai, A. J. Thakur, V.K. J. Nguyen, V.-H. Dulta, K. J. Kosharsoy Agçeli, G. J. Chauhan, P. J. Jasrotia, R. Chauhan, P.K. J. Ighalo, J.O. Kumar, H. J. Kuca, K. J. Bhatia, S.K. J. Saini, K. J. Kaushal, A. J. Verma, R. J. Bhatta, T.C. J. Kumar, D. Kumar, M. J. Barbhai, M.D. J. Hasan, M. J. Punia, S. J. Dhumal, S. J. Radha J. Rais, N. J. Chandran, D. J. Mehta, M. J. Dhanjal, D.S. J. Paudel, K.R. J. Singh, B. J. Gupta, G. J. Rajeshkumar, S. J. Thangavelu, L. J. Sharma, S. J. Das, J. J. Braje, W.M. J. Dash, A.K. J. Handa, S. Chandel, V. J. Biswas, D. J. Roy, S. J. Vaidya, D. J. Verma, A. J. Gupta, A. Sharma, K. J. Raizada, P. J. Hosseini-Bandegharai, A. J. Thakur, P. J. Kumar, R. J. Thakur, V.K. J. Nguyen, V.-H. J. Jha, N.K. J. Ojha, S. J. Jha, S.K. J. Dureja, H. J. Singh, S.K. J. Shukla, S.D. J. 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J. Krishnamurthy, S. J. Coulon, F. J. Thakur, V.K. Batoo, K.M. J. Verma, R. J. Chauhan, A. J. Kumar, R. J. Hadi, M. J. Aldossary, O.M. J. Douri, Y.A. Deswal, Y. J. Asija, S. J. Dubey, A. J. Deswal, L. J. Kumar, D. J. Kumar Jindal, D. J. Devi, J. Nagu, P. J. Parashar, A. J. Behl, T. J. Mehta, V. Thakur, A.K. J. Chellappan, D.K. J. Dua, K. J. Mehta, M. J. Satija, S. J. Singh, I. Xia, C. J. Hong Chuong Nguyen, T. J. Cuong Nguyen, X. J. Young Kim, S. J. Nguyen, D.L.T. J. Raizada, P. J. Singh, P. J. Kumar, R. J. Saini, A.K. J. Kumar, A. J. Saini, R.V. Singh, P. J. Priya, B. J. Shandilya, P. J. Raizada, P. J. Singh, N. J. Pare, B. J. Jonnalagadda, S.B. Aravind kumar, J. J. Krithiga, T. J. Sathish, S. J. Renita, A.A. J. Prabhu, D. J. Lokesh, S. J. Geetha, R. J. Namasivayam, Gorjian, S. J. Ebadi, H. J. Najafi, G. J. Singh Chandel, S. J. Yildizhan, H. Kumar, M. J. Tomar, M. J. Punia, S. J. Grasso, S. J. Arrutia, F. J. Choudhary, J. J. Singh, S. J. Verma, P. J. Mahapatra, A. J. Kumar, R. J. 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		2021	Journal of Inorganic and Organometallic Polymers	74	10.1007/s10904-020-01684-6
		2020	Journal of Environmental Chemical Engineering	74	10.1016/j.jece.2020.104483
		2022	Sustainable Environment Research	73	10.1186/s42834-021-00111-w
		2020	Sensors (Switzerland)	73	10.3390/s20071966
		2022	Biomedicine and Pharmacotherapy	73	10.1016/j.biopha.2021.112498
		2020	Inflammopharmacology	73	10.1007/s10787-020-00698-3
		2020	ChemSusChem	73	10.1002/cssc.202000317
		2022	Foods	72	10.3390/foods11172683
		2020	Process Safety and Environmental Protection	72	10.1016/j.psep.2020.06.003
		2021	Journal of Molecular Neuroscience	71	10.1007/s12031-020-01767-6
		2020	Experimental Parasitology	70	10.1016/j.exppara.2019.107788
		2020	Journal of Materials Research and Technology	70	10.1016/j.jmrt.2020.08.083
		2021	Molecules	70	10.3390/molecules26041118
		2020	Cancers	69	10.3390/cancers12010113

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Recent advances on nickel nano-ferrite: A review on processing techniques, properties and diverse applications	Rana, G. Dhiman, P. Kumar, A. Vo, D.-V.N. Sharma, G. Sharma, S. Naushad, M.	2021	Chemical Engineering Research and Design	60	10.1016/j.cherd.2021.08.040
A CNN Model: Earlier Diagnosis and Classification of Alzheimer Disease using MRI	Salehi, A.W. Baglat, P. Sharma, B.B. Gupta, G. Upadhyay, A.	2020	Proceedings - International Conference	60	10.1109/ICOSEC49089.2020.9215402
Nano-carbon based sensors for bacterial detection and discrimination in clinical diagnosis: A junction between material and biological properties of bismuth ferrite nanoparticles	Sharma, A. Sharma, N. Kumari, A. Lee, H.-J. Kim, T. Tripathi, K.M.	2020	Applied Materials Today	60	10.1016/j.apmt.2019.100467
Effect of calcination temperature on structural and morphological properties of bismuth ferrite nanoparticles	Verma, R. Chauhan, A. Neha Batoo, K.M. Kumar, R. Hadhi, M. Raslan, E.H.	2021	Ceramics International	60	10.1016/j.ceramint.2020.09.220
Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives	Pattanayak, P. Singh, S.K. Gulati, M. Vishwas, S. Kapoor, B. Chellappan, D.K. Anand, K. Gupta, G. Jha, V.	2021	Microfluidics and Nanofluidics	59	10.1007/s10404-021-02502-2
Biogenic silver, gold and copper nanoparticles - A sustainable green chemistry approach for cancer therapy	Vald, P. Raizada, P. Saini, A.K. Saini, R.V.	2020	Sustainable Chemistry and Pharmacy	59	10.1016/j.scp.2020.100247
A Comprehensive Review of Biodegradable Polymer-Based Films and Coatings and Their Food Packaging Applications	Gupta, V. Biswas, D. Roy, S.	2022	Materials	58	10.3390/ma15175899
Improvements of thermophilic enzymes: From genetic modifications to applications	Han, H. Ling, Z. Khan, A. Virk, A.K. Kulshrestha, S. Li, X.	2019	Bioresource Technology	58	10.1016/j.biortech.2019.01.087
Progress on the photocatalytic reduction of hexavalent Cr (VI) using engineered graphitic carbon nitride	Hasija, V. Raizada, P. Singh, P. Verma, N. Khan, A.A.P. Singh, A. Selvasembian, R. Kim, S.Y. Hussain, Ighalo, J.O. Rangabhashiyam, S. Dutta, K. Umeh, C.T. Iwuozor, K.O. Anlagor, C.O. Eshlemojie, S.O. John, J. Nandhini, A.R. Veiyudhaperumal Chellam, P. Sillanpää, M.	2021	Process Safety and Environmental Protection	58	10.1016/j.psep.2021.06.042
Recent advances in hydrochar application for the adsorptive removal of wastewater pollutants	John, J. Nandhini, A.R. Veiyudhaperumal Chellam, P. Sillanpää, M.	2022	Chemical Engineering Research and Design	58	10.1016/j.cherd.2022.06.028
Microplastics in mangroves and coral reef ecosystems: a review	Kumar, A. Sharma, M. Thakur, P. Thakur, V.K. Rahatekar, S.S. Kumar, R.	2022	Environmental Chemistry Letters	58	10.1007/s10311-021-01326-4
A review on exergy analysis of solar parabolic collectors	Kumar, A. Singh, P. Khan, A.A.P. Le, Q.V. Nguyen, V.-H. Thakur, S. Raizada, P.	2020	Solar Energy	58	10.1016/j.solener.2020.01.025
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Magnetic and electrical traits of sol-gel synthesized Ni-Cu-Zn nanosized spinel ferrites for multi-layer chip inductors	Mohanty, A. Hussain, M. Mishra, M. Kattel, D.B. Pal, I.	2020	Journal of Solid State Chemistry	57	10.1016/j.jssc.2020.121462
Exploring community resilience and early warning solution for flash floods, debris flow and landslides in conflict prone villages	Nidhi, P. Rolta, R. Kumar, V. Dev, K. Sourirajan, A.	2019	International Journal of Disaster Risk Reduction	57	10.1016/j.ijdrr.2018.07.012
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Recent technologies for nutrient removal and recovery from wastewaters: A review	Kumar, H. Bhardwaj, K. Dhanjal, D.S. Nepovimova, E. Sen, F. Rajassa, H. Singh, R. Verma, R. Kumar, Sadeghifar, T. Lama, G.F.C. Sihag, P. Bayram, A. Kisi, O.	2021	Chemosphere	56	10.1016/j.chemosphere.2021.130328
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Raman spectra of sol-gel auto-combustion synthesized Mg-Ag-Mn and Ba-Nd-Cd-In ferrite based nanomaterials	Jayaprakash, G.K. Kumara Swamy, B.E. Rajendrachari, S. Sharma, S.C. Flores-Moreno, R.	2020	Ceramics International	55	10.1016/j.ceramint.2019.09.012
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Artificial leaf for light-driven CO2 reduction: Basic concepts, advanced structures and selective solar-to-chemical products	Arora, K. Kaur, P. Kumar, P. Singh, A. Patel, S.K.S. Li, X. Yang, Y.-H. Bhatia, S.K. Kulshrestha, S.	2022	Chemical Engineering Journal	54	10.1016/j.cej.2021.133031
Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and Valorization of Wastewater Resources Into Biofuel and Value-Added Products Using Microalgal System	Cai, X. Wang, W. Rao, A. Rahim, S. Zhao, X.	2021	Toxicology Reports	54	10.1016/j.toxrep.2019.01.006
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		2023	Science of the Total Environment	52	10.1016/j.scitotenv.2023.162667


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Exploring the multifaceted therapeutic potential of withaferin a and its derivatives	Behl, T. Sharma, A. Sharma, L. Sehgal, A. Zengin, G. Brata, R. Fratila, O. Bungau, S.	2020	Biomedicines	50	10.3390/biomedicines8120571
Ecofriendly Synthesis of Zinc Oxide Nanoparticles by Carica papaya Leaf Extract and Their Applications	Dutta, K. Kosharsoy Agçeli, G. Chauhan, P. Jasrotia, R. Chauhan, P.K.	2022	Journal of Cluster Science	50	10.1007/s10876-020-01962-w
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Carbon nitride, metal nitrides, phosphides, chalcogenides, perovskites and carbides nanophotocatalysts for environmental	Kumar, A. Thakur, P.R. Sharma, G. Naushad, M. Rana, A. Mola, G.T. Stadler, F.J.	2019	Environmental Chemistry Letters	50	10.1007/s10311-018-0814-8
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Converting Ag ₃ PO ₄ /CdS/Fe doped C ₃ N ₄ based dual Z-scheme photocatalyst into photo-Fenton system for efficient	Parwaz Khan, A.A. Singh, P. Raizada, P. M Asiri, A.	2021	Journal of Industrial and Engineering Chemistry	50	10.1016/j.jiec.2021.04.007
Construction of carbon nanotube mediated Fe doped graphitic carbon nitride and Ag ₃ VO ₄ based Z-scheme heterojunction for	Raizada, P. Aslam Parwaz Khan, A. Singh, P.	2020	Separation and Purification Technology	50	10.1016/j.seppur.2020.116957


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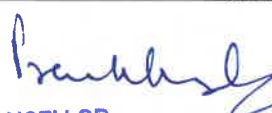
LIST OF PATENTS FILED

Sr. No.	Title	Inventors	Application No	Filing date	Category
1	SMART ENGINE IMMOBILISE CONTROL SYSTEM AGAINST UNLICENSED AND WITHOUT HELMET RIDERS OF TWO	Adit Rana, Raj Kumar, Saikat Ghosh, Arshdeep Singh, Abhisek	201911001085	09-Jan-19	Utility
2	A METHOD FOR ACHIEVING MIRROR FINISH ON MONO-CRYSTALLINE GERMANIUM DISC	Aggarwal, Raj Kumar Sharma, Prashant Katuwal, Chandra Bhaskar Goel, Sorabh Aggarwal	201911001086	09-Jan-19	Utility
3	SOL-GEL SYNTHESIZED BARIUM M-TYPE HEXAGONAL FERRITES FOR HIGH DENSITY RECORDING MEDIA	Mr. Rohit Jasrotia, Dr. Virender Pratap Singh, Dr. Rajesh Kumar, Dr. Mahavir Singh	201911001088	09-Jan-19	Utility
4	A SYSTEM AND PROCESS FOR MITIGATION OF CHROMATIC DISPERSION	Ashwani Kumar, Dr. Inder Singh, Shalini Sharma, Dr. Robin Thakur	201911001087	09-Jan-19	Utility
5	UNIVERSAL SPANNER APPARATUS AND USES THEREOF	Sorabh Aggarwal, Bhaskar Goel, Sundar M, Susmita K, Swati, Deepika Sharma, C. Narasimha Reddy	201911001702	15-Jan-19	Utility
6	ANTIMALARIAL SINGLE HERB EXTRACT OF NICANDRA PHYSALODES AND METHOD THEREOF	Gaurav Sharma, Devika Rana, Neeraj Mahindroo	201911002018	17-Jan-19	Utility
7	GOLD NANOPARTICLES, NANOGEL COMPOSITION COMPRISING THE SAME AND A METHOD FOR SYNTHESIS	Dr. Mamta Sharma	201911003299	27-Jan-19	Utility
8	Vortex-Pool Turbine Equipment	Kamal Kashyap, Robin Thakur, Anil Kumar, Ashwani Sharma, Shashank Thapa	314267-001	27-Jan-19	Design
9	Nanofluid Flow Measuring Kit	Yashwant Singh, Anil Kumar, Robin Thakur, Sunil Kumar, Sushil Kumar	315053-001	02-Feb-19	Design
10	AN ECO-FRIENDLY NATURAL BIOFERTILIZER/ BIOCONTROL AGENT	Diya Mittal, Adesh K. Saini	201911005125	08-Feb-19	Utility
11	BITUMEN CONCRETE MIXTURE WITH POLYTHENE FOR THE CONSTRUCTION OF PAVEMENT AND METHOD THEREOF	Pardeep Kumar, Sanjay Garg	201911005095	08-Feb-19	Utility
12	COMBINED MIX OF CEMENT MORTAR DUST AND FLY ASH AS FILLER IN BITUMINOUS CONCRETE MIX AND METHODS	Abhisek Vatsi, Er. Sanjay Garg	201911005094	08-Feb-19	Utility
13	BAMBOO REINFORCED CONCRETE MATERIAL AND USES THEREOF	Raman, Vivek Thakur	201911005093	08-Feb-19	Utility
14	A COMPOSITION AND METHOD OF MANUFACTURING OF CLAY BRICKS USING WOOD SAW DUST ASH	Prakritee Rana, P.L Goel	201911005096	08-Feb-19	Utility
15	Sterilization and Incubation Chamber	Kartik Chauhan, Er. Rupak Nagraik	314823-001	12-Feb-19	Design
16	Air Purification Device	Pratibha Thakur, Keshav Kumar, Ishan Sharma, Parveen Chauhan, Kartik Chauhan, Pardeep Kumar, Sankhajt Pramanik	314824-001	12-Feb-19	Design
17	PORTABLE ELECTRONIC DEVICE FOR QUICK DETECTION OF THE FOOD POISONING MICROBE <i>Listeria monocytogenes</i>	Kritika Saini, Ankur Kaushal, Shagun Gupta, Dinesh Kumar	201911005723	13-Feb-19	Utility
18	HEAT EXCHANGER NANOFUIDS AND METHODS THEREOF	Sunil Kumar, Anil Kumar, Robin Thakur	201911005560	13-Feb-19	Utility
19	METHOD AND SYSTEM FOR ESTIMATED EFFICIENCIES IN VARIOUS RAFFLE SURFACES SOLAR AIR COLLECTOR	Anil Kumar, Robin Thakur, Sunil Kumar, Kamal Kashyap	201911005559	13-Feb-19	Utility
20	A NQVEL STERILIZATION AND INCUBATION CHAMBER	Kartik Chauhan, Er. Rupak Nagraik	201911005622	13-Feb-19	Utility
21	MATERIALS TO ENHANCE THE EFFICIENCY OF SOLAR RECEIVER IN CONCENTRATED SOLAR POWER PLANT (CSP)	Dr. Rajesh Kumar, Ritesh Verma, Ankush Chauhan, Satvinder Kour, Dr. Mamta Shandilya, Dr. Pardeep Singh	201911005623	13-Feb-19	Utility
22	A KIT FOR IDENTIFICATION OF BEST HARVESTING TIME FOR THE EXTRACTION OF ESSENTIAL OIL OF MENTHA	Dr. Amita Kumari, Ms. Sonam Thakur, Dr. Vikas Kumar, Ms. Prakriti Nidhi, Prof. Anuradha Sourdraian	201911005624	13-Feb-19	Utility
23	LEAD FREE, FERROELECTRIC, NANO SIZED CERAMIC COMPOUND (BZT-BCT) FOR INDUSTRIAL USE	Mamta Shandilya, Shweta Thakur, Amit Mahajan, Poonam Kumari, Radheshyam Rai	201911007198	25-Feb-19	Utility
24	METHOD OF LOW TEMPERATURE SYNTHESIS OF LEAD FREE FERROELECTRIC NANO SIZED MONOPHASIC	Mamta Shandilya, Shweta Thakur	201911007200	25-Feb-19	Utility
25	ZINC OXIDE NANORODS AND METHOD OF PRODUCING THE SAME	Rajesh Kumar, Ankush Chauhan, Ritesh Verma, Mamta Shandilya, Pankaj Raizada, Saurabh Kulshreshtha	201911008270	03-Mar-19	Utility
26	A METHOD FOR IMPROVING BIOSYNTHESIS OF PHYTOCHEMICALS AND ANTIOXIDANT POTENTIAL OF	Rachna Verma, Ashwani Tapwal, Dinesh Kumar, Sunil Puri	201911008271	03-Mar-19	Utility
27	COMPOSITE PHOTOCATALYST FOR TREATMENT OF WATER POLLUTED WITH ORGANIC DYES AND METHOD THEREOF	Pankaj Raizada, Kirti Sharma, Pardeep Singh	201911009449	11-Mar-19	Utility
28	AN ECO-FRIENDLY ACINETOBACTER CALCOACETICUS BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Reena V Saini, Adesh K Saini, Rakesh Shukla, Yashwant Singh Negi	201911010766	19-Mar-19	Utility
29	AN ECO-FRIENDLY BACILLUS BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Reena V Saini, Adesh K Saini, Arun Kumar, Jagdish Verma, Rakesh Shukla, Yashwant Singh Negi	201911010767	19-Mar-19	Utility
30	AN ECO-FRIENDLY BURKHOLDERIA BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Reena V Saini, Adesh K Saini, Arun Kumar, Yamini Jain, Rakesh Shukla, Yashwant Singh Negi	201911010768	19-Mar-19	Utility
31	A SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM NEEDLES OF JUNIPERUS	Prakriti Nidhi, Rajan Roita, Prof. Kamal Dev, Prof. Anuradha Sourdraian	201911010808	20-Mar-19	Utility
32	Solar Water Heater	Mr. Shubham Verma, Dr. Anil Kumar, Mr. Sunil Kumar, Dr. Robin Thakur, Dr. Amar Raj Singh Suri	316063-001	26-Mar-19	Design
33	Apparatus for extraction of compounds from plant material	Dr. Mamta Sharma, Dr. Anil Kumar, Dr. Rajesh Kumar, Dr. Robin Thakur	316064-001	26-Mar-19	Design
34	Solar Energy Storage System	Mr. Sunil Kumar, Dr. Anil Kumar, Dr. Robin Thakur, Dr. Amar Raj Singh Suri	316068	26-Mar-19	Design
35	Solar Water Heater with Storage	Dr. Anil Kumar, Dr. Robin Thakur, Mr. Sunil Kumar	316070-001	26-Mar-19	Design
36	Solar Equipment to Extract Substances from Plants	Dr. Mamta Sharma, Dr. Anil Kumar, Dr. Rajesh Kumar, Dr. Robin Thakur	316069-001	26-Mar-19	Design
37	AN ECO-FRIENDLY ENTEROBACTER BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Reena V Saini, Adesh K Saini, Arun Kumar, Hem Parkash Verma, Rakesh Shukla, Yashwant Singh Negi	201911011827	26-Mar-19	Utility
38	AN ECO-FRIENDLY KLEBSIELLA BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Arun Kumar, Reena V Saini, Adesh K Saini, Rakesh Shukla, Yashwant Singh Negi	201911011828	26-Mar-19	Utility
39	AN ECO-FRIENDLY PANTOEBA BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Arun Kumar, Reena V Saini, Adesh K Saini, Rakesh Shukla, Yashwant Singh Negi	201911011829	26-Mar-19	Utility
40	AN ECO-FRIENDLY PSEUDOMONAS BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Hem Parkash Verma, Reena V Saini, Adesh K Saini, Rakesh Shukla, Yashwant Singh Negi	201911011851	27-Mar-19	Utility


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41	AN ECO-FRIENDLY SERRATIA MARCESCENS BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Hemparkashverma, Reena V Saini, Adesh K Saini, Rakesh Shukla, Yashwant Singh Negi	201911011850	27-Mar-19	Utility
42	A HYBRID TERNARY PHOTOCATALYST FOR THE RAPID TREATMENT OF WATER CONTAMINATED WITH	Pankaj Raizada, Prachi Thakur, Vasudha Hasija, Pardeep Singh	201911011873	27-Mar-19	Utility
43	Weight Lifting Equipment	Robin Thakur, Nitin Rana, Anil Kumar, Sunil Kumar, Varun Bhole, Nabeen Kumar Sheet, Vikrant Gare, Fmini Bezawada	201911012293	28-Mar-19	Utility
44	A Process of Synthesis of Ag-ZnO Nanoparticles using Trillium Govarianum	Ankush Chauhan, Swati, Rajesh Kumar, Saurabh Kulshreshtha, Mamta Shandilya, Sonu, Vikrant Sharma	201911012292	28-Mar-19	Utility
45	Z-scheme Photocatalyst and a Process for the Preparation Thereof	Pankaj Raizada, Vasudha Hasija, Pardeep Singh, Anita Sudhaik	201911012291	28-Mar-19	Utility
46	MULTIPLE LUG SPANNER	Boddu Satya Rama Sai Vithal, Abhilash Pathania, Sorabh Agarwal	316197-001	29-Mar-19	Design
47	FLEXI PVC CUTTER	Chaduvula Narasimha Reddy, Sorabh Aggarwal, Bhaskar Goel	316198-001	29-Mar-19	Design
48	A SYSTEM FOR COMPENSATION OF DISPERSION IN OPTICAL FIBRE COMMUNICATION AT HIGHER DATA RATE	Ashwani Kumar, Shalini Sharma, Dr. Robin Thakur, Dr. R.P. Dwivedi	201911012362	29-Mar-19	Utility
49	ANTI-THEFT & VEHICLE IDENTIFICATION SYSTEM AND METHODS THEREOF	Harshit Bhatt, Wasi Rasooli, Brij Bhushan	201911012735	29-Mar-19	Utility
50	INFRA-RED SENSOR BASED PLATFORM LIGHT SYSTEM	Vibhav Dhadwal, Savita, Brij Bhushan	201911012361	29-Mar-19	Utility
51	BOTTLE FOR HEATING OF LIQUID THROUGH MANUAL ROTATION	Varun Jaiswal, Akash Ujjwal, Shwetamber Pathak, Sujit Thakur	201911012363	29-Mar-19	Utility
52	COMPOSITION OF FIBER REINFORCED CONCRETE MIX AND METHODS THEREOF	Dr. M.S. Thakur, Er. Veena Kashyap, Er. Deepak	201911012510	29-Mar-19	Utility
53	COMPOSITION OF WASTE PAPER SLUDGE ASH AS SUPPLEMENTARY MATERIAL FOR CEMENT AND METHODS	Er. Vikas Mehta, Dr. M.S. Thakur	201911012512	29-Mar-19	Utility
54	A METHOD OF ENGLISH BOND BRICK MASONRY BY A NUMBERING TECHNIQUE AND USES THEREOF	Dr. M.S. Thakur, Er. Vikas Mehta, Er. Veena Kashyap, Er. Priyanka	201911012416	29-Mar-19	Utility
55	Process of Thickness on the Rubberized Base Isolator in RCC 8-Storey Frames and Uses thereof	Er. Bhupender Kumar, Dr. M.S. Thakur, Er. Vikas Mehta	201911012737	29-Mar-19	Utility
56	A SYSTEM FOR FULLY AUTOMATIC INDIRECT SOLAR DRYER	Brij Bhushan	201911012736	29-Mar-19	Utility
57	BARIUM STRONTIUM TITANATE MATERIAL AND METHOD OF MANUFACTURING THE SAME	Mamta Shandilya, Shweta Thakur, Radheyshyam Rai, Sapna Thakur	201911012842	30-Mar-19	Utility
58	BARIUM ZIRCONATE TITANATE MATERIAL AND METHOD OF MANUFACTURING THE SAME	Mamta Shandilya, Radheyshyam Rai, Poonam Kumara, Gun Anit Kaur	201911012843	30-Mar-19	Utility
59	A Process for synthesis of Lead Free Barium, Strontium Titanate Ba _{0.90} Sr _{0.10} TiO ₃	Dr Mamta Shandilya	201911012931	30-Mar-19	Utility
60	A Process for synthesis of Silver Doped Zinc Oxide using Cinnabris Sativa Leaf Extract	Ankush Chauhan, Swati, Rajesh Kumar, Saurabh Kulshreshtha, Mamta Shandilya, Anil Kumar, Zubin Thakur	201911012932	30-Mar-19	Utility
61	A process of synthesis of barium titanate zirconate BaTi _{1-x} Zr _x O ₃ ceramics nanoparticles	Dr Mamta Shandilya, Dr Radheshyam Rai, Gun Anit Kaur, Dr Shweta Thakur	201911012933	30-Mar-19	Utility
62	Novel method for enhancement of production of Astaxanthin from microalgae HAEMATOCOCCLUS PLUVIALIS	Pradeep Kumar, Sourabh Kulshreshtha	201911015725	19-Apr-19	Utility
63	Novel process for production of Liposome encapsulation of Astaxanthin	Pradeep Kumar, Sourabh Kulshreshtha	201911015726	19-Apr-19	Utility
64	DIAGNOSTIC AGENT FOR QUICK VISUAL DETECTION OF THE PESTICIDE MONOCROTOPHOS	Prince Chawla, Ravinder kaushik, Naveen Kumar	201911016467	25-Apr-19	Utility
65	Easy elevator	Kuldeep Chand Rojhe, Narshimha Reddy, Abhilash Pathania, Sorabh Aggarwal, Amar Raj Singh Suri	317328-001	29-Apr-19	Design
66	Fork Lifter	Kuldeep Chand Rojhe, Narshimha Reddy, Abhilash Pathania, Sorabh Aggarwal, Amar Raj Singh Suri	317329-001	29-Apr-19	Design
67	AN ANTIBACTERIAL COMPOSITION AND USES THEREOF	Dr. Amita Kumari, Ishita Guleria, Dr. Vikas Kumar	201911017410	01-May-19	Utility
68	Fresnel Lens Solar Water Heater	Robin Thakur, Sunil Kumar	317417-001	02-May-19	Design
69	METHOD TO ANALYSE THE EFFECT OF THE MASS IRREGULARITY IN RCC BUILDING OF MODERATE HEIGHT	Er. Veena Kashyap, Dr. M.S. Thakur, Er. Deepak	201911017412	02-May-19	Utility
70	METHOD TO ANALYSE EFFECT OF THE STIFFNESS IRREGULARITY IN 9-STOREY RCC BUILDINGS	Er. Neha Thakur, Dr. M. S. Thakur	201911018049	06-May-19	Utility
71	AN AUTOMATIC GAS STOVE LPG CUT OFF SYSTEM USING ARDUINO	Brij Bhushan, Dr. Nagesh Kumar, Ruchika Sharma	201911018048	06-May-19	Utility
72	Solar Water Heater	Robin Thakur, Amar Raj Singh Suri, Sunil Kumar	317839-001	19-May-19	Design
73	Solar Water Heater	Rajesh Kumar, Anil Kumar, Robin Thakur, Amar Raj Singh Suri	317840-001	19-May-19	Design
74	Solar Organic Fertilizer Plant.	Mamta Sharma, Anil Kumar, Rajesh Kumar	317901-001	20-May-19	Design
75	Gas Stove	Brij Bhushan	318168-001	28-May-19	Design
76	Column of Chromatography Apparatus	Ashutosh Kumar Dash, Deepak Kumar	318481-001	04-Jun-19	Design
77	IMMUNOMODULATORY/ANTI-INFLAMMATORY STEROIDAL LACTONE COMPOUND AND METHOD FOR	Gourav Chandan, Reena V. Saini	201911022427	06-Jun-19	Utility
78	A METHOD AND COMPOSITION TO ENHANCE DROUGHT TOLERANCE OF PLANT BY USING ENTEROBACTER CLOACAE	Menaka Thakur, Divya Mittal, Adesh K. Saini, Prem Kumar Khosla, Sunil Puri	201911022785	08-Jun-19	Utility
79	Apparatus for Chemical Synthesis	Deepak Kumar, Ashutosh Kumar Dash, Deepak Kapoor	318731-001	14-Jun-19	Design
80	IMMUNOMODULATORY/ANTI-INFLAMMATORY STEROIDAL LACTONE COMPOUND DATURIIN AND	Gourav Chandan, Reena V. Saini	201911024277	19-Jun-19	Utility
81	IMMUNOMODULATORY/ANTI-INFLAMMATORY STEROIDAL LACTONE COMPOUND DATURALACTONE AND	Gourav Chandan, Reena V. Saini	201911024279	19-Jun-19	Utility
82	ARM TYPE SUN TRACKING SYSTEM	Chaduvula Narasimha Reddy, B S R Saivithal, Sorabh Aggarwal, Brij Bhushan, Dr Abhilash Pathania	319035-001	25-Jun-19	Design


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83	SCREW TYPE SUN TRACKING SYSTEM	Chaduvula Narasimha Reddy, B S R Saivithal, Sorabh Aggarwal, Brij Bhushan, Dr. Abhilash Pathania	319034-001	25-Jun-19	Design
84	Solar Plant Growth Chamber	Mamta Sharma, Anil Kumar, Rajesh Kumar	319295-001	02-Jul-19	Design
85	SULLAGE WATER TREATMENT PLANT AND THE METHOD OF USE THEREOF	Adit Rana, Dr. Kamal Dev, Dr. Raj Kumar, Abhilash Pathania, Nidhi Kapoor	201911026508	02-Jul-19	Utility
86	A METHOD FOR PREPARING BITUMINOUS CONCRETE MIXES BY USING FLY-ASH AND WASTE POLYETHYLENE	Noorullah Yusufi, Er. Vikas Mehta, Dr. M.S. Thakur, Priyanka Panchal	201911026507	02-Jul-19	Utility
87	Apparatus for Automated Preparative Layer Chromatography	Deepak Kumar, Ashutosh Kumar Dash	319503-001	09-Jul-19	Design
88	Advanced Multipurpose Rotaevaporator	Ashutosh Kumar Dash, Deepak Kumar, Amar Raj Singh Suri	319504-001	09-Jul-19	Design
89	HERBAL GEL FORMULATION CONTAINING ESSENTIAL OIL OF MENTHA LONGIFOLIA FOR ORAL CANDIDIASIS	Prakriti Nidhi, Dr. Poonam Negi, Prof. Kamal Dev, Prof. Anuradha Sourirajan	201911027500	09-Jul-19	Utility
90	Portable Laminar Airflow Cabinet cum Incubator	Kartik Chauhan, Ankur Kaushal, Rupak Nagraik, Brij Bhushan, Manoti Vyas, Saumya Bharti, Rashika Sagaroo, Ruchi	319571-001	12-Jul-19	Design
91	A PROCESS FOR SYNTHESIS OF CHROMENE DIHYDROPYRIMIDINONES USING Fe/Al PILLARED CLAY	Ashutosh Kumar Dash, Deepak Kumar	201911028140	12-Jul-19	Utility
92	A method of synthesis of Zinc Oxide (ZnO) Nanoparticles	Ritesh Verma, Swati, Ankush Chauhan, Dr. Rajesh Kumar, Dr. Saurabh Kulshreshtha, Dr. Mamta Shandilva, Dr. Anil Kumar	201911031031	31-Jul-19	Utility
93	A PROCESS FOR EXTRACTION OF METHANOLIC EXTRACT HAVING HAEMOSTATIC PROPERTIES FROM WILD IRPEX	Astha Tripathi, Isha Sharma	201911031030	31-Jul-19	Utility
94	NOVEL DRUG LOADED MESOPOROUS POLYHEDRAL OLIGOMERIC SILSESQUOXANE SYSTEM. PROCESS AND	Dhriti Verma, Deepak Kapoor, Deepak Kumar	201911031223	01-Aug-19	Utility
95	COMPOSITION COMPRISING ESSENTIAL OIL AND SOLVENT EXTRACTS OF ARTEMISIA ANNUA AS BIOAVAILABILITY	Ms. Anshika Sharma, Ms. Prakriti Nidhi, Mr. Rajan Rolta, Prof. Kamal Dev, Prof. Anuradha Sourirajan	201911032547	12-Aug-19	Utility
96	Probiotic drink and process for the preparation thereof	Mohammad Adil, Dinesh Kumar	201911032821	13-Aug-19	Utility
97	A SYSTEM FOR AUTOMOBILE COOLING/ HEATING USING AIR MULTIPLIER TECHNIQUES	Adit Rana, Dr. Kamal Dev, Dr. Raj Kumar, Chander Mohan Gupta, Nidhi Kapoor	201911033831	22-Aug-19	Utility
98	AN ANTIFUNGAL FORMULATION PREPARED FROM PHYTOCOMPOUNDS OF RHEUM EMODIAS BIO ENHANCER	Mr. Rajan Rolta, Dr. Vikas Kumar, Prof. Anuradha Sourirajan, Prof. Kamal Dev	201911034475	27-Aug-19	Utility
99	A PROCESS FOR PRODUCTION OF BIOFUEL FROM LARVAE OF RICE MOTH CORCYRA CEPHALONICA AND BIOFUEL	Komal Sharma, Aniruddha Mitra	201911037067	14-Sep-19	Utility
100	A PORTABLE LAMINAR AIRFLOW CABINET CUM INCUBATOR	Kartik Chauhan, Ankur Kaushal, Rupak Nagraik, Brij Bhushan	201911033263	17-Sep-19	Utility
101	POLYHOUSE	Kartik Chauhan, Rupak Nagraik	321874-001	22-Sep-19	Design
102	A HERBAL COMPOSITION FOR ANTI-OBESITY ACTIVITY AND METHOD OF PREPARING THE SAME	Mukul Kumar, Ravinder Kaushik, Samriti Guleria, Azhar Khan	201911038182	22-Sep-19	Utility
103	A PROCESS FOR THE PRODUCTION OF ECO-FRIENDLY AROMATIC HERBAL GREEN COLOUR AND HERBAL GREEN	Sarvjeet Singh, Ravinder Raina, Richa Puri	201911039016	26-Sep-19	Utility
104	A PROCESS FOR THE PRODUCTION OF ECO-FRIENDLY AROMATIC HERBAL PINK COLOUR AND HERBAL PINK	Sarvjeet Singh, Ravinder Raina, Richa Puri	201911039020	26-Sep-19	Utility
105	A PROCESS FOR THE PRODUCTION OF ECO-FRIENDLY AROMATIC HERBAL YELLOW COLOUR AND HERBAL	Sarvjeet Singh, Ravinder Raina, Richa Puri	201911039021	26-Sep-19	Utility
106	Nanofluid flow heat exchanger	Lohit Sharma, Anil Kumar, Robin Thakur, Sunil Kumar	322069-001	26-Sep-19	Design
107	A system of car cabin suffocation remover and methods thereof	Nipun Batis, Koushik Das Sarma, Bhaskar Goel	201911039610	30-Sep-19	Utility
108	A Drug delivery system of carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid)/ZnO-Ag nanocomposite	Adesh K. Saini, Deepak Pathania, Swadeep Sood, Rakesh Kumar, Sarita	201911039612	30-Sep-19	Utility
109	A METHOD TO DEVELOP NON-CEREAL STARCH BASED EXTRUDED SNACKS	Dr. Ravinder Kaushik, Anuj Saklani	201911039613	30-Sep-19	Utility
110	SMOKE AND TEMPERATURE SENSOR SYSTEM FOR CONTROL EXHAUST FAN AND KITCHEN CHIMNEY	Brij Bhushan	201911039609	30-Sep-19	Utility
111	A SYSTEM OF POWER SUPPLY FOR COMPUTER DESKTOP CPU WITH BACKUP	Brij Bhushan	201911039608	30-Sep-19	Utility
112	AUTOMATIC AC MAINS CUT OFF SYSTEM ON LPG GAS LEAKAGE USING ARDUINO WITH SMS ALERT TO THE USERS	Brij Bhushan, Pankaj Vaidya	201911039614	30-Sep-19	Utility
113	SPIN-DEPENDENT TRANSPORT PROPERTIES OF GRAPHITE NANOSTRUCTURES AND METHODS THEREOF	Dr. Rajesh Kumar, Allah Dekama Jara, Ritesh Verma, Ankush Chauhan	201911039611	30-Sep-19	Utility
114	A SINGLE PLATFORM MULTI-TEMPERATURE SOLAR POWERED ORBITAL SHAKER INCUBATOR FOR GROWING	Adit Rana, Prof. Kamal Dev, Dr. Raj Kumar, Prof. (Dr.) Sham Singh Chandel, Nidhi Kapoor, Prof. Anuradha Sourirajan	201911039615	30-Sep-19	Utility
115	Outdoor Air Purifier	Kanika Arora, Kartik Chauhan, Ishaan Sharma, Pradeep Kumar, Sourabh Kulshreshtha	322249-001	02-Oct-19	Design
116	Apparatus For Extraction of Oil From Plants	Mamta Sharma, Anil Kumar, Rajesh Kumar, Sameer Rahatekar	323335-001	06-Nov-19	Design
117	A PROCESS FOR PRODUCTION OF BIOFUEL FROM THE COCKROACH PERIPLANETA AMERICANA AND BIOFUEL	Nidhi Chaudhary, Aniruddha Mitra	201911047886	22-Nov-19	Utility
118	BIO-PIGMENT BASED COTTON FABRICS WITH ANTIMICROBIAL PROPERTIES AND METHOD OF USES	Garima Bisht, Prof. Kamal Dev, Prof. Anuradha Sourirajan	201911048223	25-Nov-19	Utility
119	ANTI-OBESITY EFFECT OF EXTRACTS PREPARED FROM FICUS BENGHALENSIS	Azhar Khan, Keshav Chandel, Huma Khan, Mukul Kolish	201911050879	10-Dec-19	Utility
120	AN INSILICO METHOD TO ANALYZE POLYPHENOLS FROM CRATAEGUS PINNATIFIDA AS AN ACE INHIBITOR	Azhar Khan, Huma Khan, Pratibha Sharma, Saurabh Kulshreshtha	201911050880	10-Dec-19	Utility
121	CHEBULINIC ACID FORMULATIONS FOR GASTRIC DELIVERY AND METHOD THEREOF	Ms. Surbhi Gautam, Dr. Uma Ranjan Lal, Dr. Aditi Sharma, Ms. Charul Rathore, Dr. Navneet Unadhyav, Dr. Kalsar Raza, Dr. Alpana Bisht, Prakriti Nidhi, Rajan Rolta, Charul Rathore, Dr. Navneet Unadhyav, Prof. Kamal Dev, Prof. Anuradha	201911051403	12-Dec-19	Utility
122	AZELAIC ACID AND MELALEUCA ALTERNIFOLIA ESSENTIAL OIL CO-LOADED VESICULAR SYSTEM FOR TOPICAL	Alpana Bisht, Prakriti Nidhi, Rajan Rolta, Prof. Kamal Dev, Prof. Anuradha Sourirajan, Dr. Poonam Negi	201911051402	13-Dec-19	Utility
123	ANTI-ACNE MICROEMULSIONS FOR TOPICAL ADMINISTRATION CO-LOADED WITH AZELAIC ACID AND	Kartik Chauhan, Dr. Rupak Nagraik	201911053824	24-Dec-19	Utility
124	CURVED ROOF POLYHOUSE STRUCTURE FOR WATER HARVESTING		201911054084	24-Dec-19	Utility


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125	A METHOD FOR EVALUATION OF ANTI-HYPERTENSIVE ACTIVITY OF HIBISCITRIN TARGETING ANGIOTENSIN	Azhar Khan, Huma Khan, Dr. Md. Zubair Malik, Monika Kataria, Dr. Aziz Ur Rahman	201911053826	24-Dec-19	Utility
126	Foldable Helmet	Sushil Kumar, Robin Thakur, Rohit Sharma, Deepak Hetta, Rohit Balrai, Neeraj	325038-001	27-Dec-19	Design
127	A PROCESS FOR IONIC LIQUID ASSISTED CHEMICAL FIXATION OF CARBON DIOXIDE	Neeraj Gupta, Abhishek Soni	202011000732	07-Jan-20	Utility
128	Agrobot	Robin Thakur	326441-001	24-Jan-20	Design
129	SILVER NANOPARTICLES AND A METHOD FOR SYNTHESIS THEREOF	Mamta Sharma, Pankaj Thakur, Reena V. Saini, Monika	202011003403	24-Jan-20	Utility
130	Halophilic Halobacillus trueperi SS1 bacterial strain as plant growth promoting bacteria and potential bio	Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN, SHRUTI SHARMA, Dr SONIKA GUPTA	202011004235	30-Jan-20	Utility
131	Phytocompounds of Berberis ligulata rhizome extract as Bioenhancer of antibacterial and antifungal antibiotics and	RAJAN ROLTA, MEGHNA GOYAL, SAWETA SHARMA, DIVYA BHARAJ, GAJENDER SINGH, Prof. ANURADHA SOURIRAJAN,	202011004236	30-Jan-20	Utility
132	A METHOD OF ISOLATION OF RED PIGMENTS FROM PSYCHROPHILIC BACTERIUM Rhodospirillum rubrum	Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN, Ms. GARIMA BISHT, Dr. RITU KULSHRESHTHA, Ms. SRISHTI	202011004237	30-Jan-20	Utility
133	AN ANTI BACTERIAL COMPOSITION FOR THE PREVENTION OF DENTAL CARRIES, CHEWABLE TABLETS THEREOF AND	Isha Sharma, Astha Tripathi, Monika, Ankita	202011004632	03-Feb-20	Utility
134	A METHOD AND COMPOSITION OF LEAD RUBBER BASE ISOLATOR OF THE RCC BUILDINGS	Er. Ravi Kant Thakur, Dr. M.S. Thakur	202011006704	17-Feb-20	Utility
135	ANTIPSORIATIC FORMULATION OF NIGELLA SATIVA FOR TOPICAL DELIVERY	Mr. SAMAR VIHAR, Ms. CHARUL RATHORE, Dr. UMA RANJAN LAL, Dr. NEERAJ MAHINDROO, Dr POONAM NEGI	202011006705	17-Feb-20	Utility
136	A portable and cost-effective device for real time monitoring of biological macro molecules	Brij Bhushan, Shagun Gupta, Rupak Nagraik, Ishan Sharma, Sudarshan	327424-001	21-Feb-20	Design
137	TRANS HIMALAYAN CARRIER	KULDEEP CHAND ROJHE, AMAR RAO, NEERAJ PIZAR, RAJKUMAR, Sorabh Aggarwal	327479-001	24-Feb-20	Design
138	TRATAKA EQUIPMENT	SASHANK THAPA, SORABH AGGARWAL, ABHILASH PATHANIA, BHASKAR GOEL, NEERAJ PIZAR	327480-001	24-Feb-20	Design
139	EMERGENCY DOOR LOCK	AMAR RAJ SINGH, RAJAT PATHANIA, SASHANK THAPA, SUSHIL KUMAR	327481-001	24-Feb-20	Design
140	Stove-Cum-Boiler	Sushil Kumar, Amar Raj Singh Suri	327644-001	28-Feb-20	Design
141	Solar Tiller	Sushil Kumar, Praveen Kumar, Nikhil Sharma, Rohit, Shubham Prakash, Satyam Singh	327715-001	01-Mar-20	Design
142	SILVER DOPED ZINC OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Mamta Sharma, Harish Bassi, Ankush Chauhan, Ritesh Verma, Garima Rana, Rajesh Kumar	202011008749	01-Mar-20	Utility
143	COPPER OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Kanika Dulta, Pankaj Kumar Chauhan, Reena V. Saini, Gourav Chandan, Parveen Chauhan, Vinod kumar	202011011335	16-Mar-20	Utility
144	GOLD DOPED ZINC OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Mamta Sharma, Rajesh Kumar, Harish Bassi, Priyanka Chauhan, Himani Pathania, Ankush Chauhan, Ritesh Verma	202011011336	16-Mar-20	Utility
145	A GOLD NANOPARTICLES BASED COLORIMETRIC SENSOR	Amit Seth, Kiran Thakur, Kalpana Chauhan, Chandrika Attri, Kshipra Sen	202011011974	19-Mar-20	Utility
146	A Weedicide Formulation and a Process for the Preparation Thereof	Dr. Nitika Thakur, KajalKarn, Neha Sharma, MonitaRana, Jyoti Mehta	202011012957	25-Mar-20	Utility
147	A Weedicide Formulation and a Process for the Preparation Thereof	Dr. Nitika Thakur, KajalKarn, Neha Sharma, MonitaRana, Jyoti Mehta	202011012959	25-Mar-20	Utility
148	Skin Disease Treatment Formulation	Aditya Shiven, Deepak N. Kapoor, Afroze Alam, Vinay Shanker	202011012960	25-Mar-20	Utility
149	A Bio-fungicide Formulation and a Process for the Preparation Thereof	Dr. Nitika Thakur, Akansha suyal	202011012961	25-Mar-20	Utility
150	Antifungal Formulation and a Process for the Preparation Thereof	Dr. Nitika Thakur, Latika Verma, Arpit Kumar	202011012958	25-Mar-20	Utility
151	Vehicle Weight Detection and Overloading Control System	Ashish Sharma, Dr. Nagesh Kumar, Brijbhushan Sharma	202011013258	26-Mar-20	Utility
152	A PORTABLE AND COST-EFFECTIVE DEVICE FOR REAL TIME MONITORING OF BIOLOGICAL MACRO MOLECULES (DNA)	Kartik Chauhan, Brij Bhushan	202011013681	28-Mar-20	Utility
153	CAR Wiper	Akarsh Sharma, Amar Raj Singh Suri	328650-001	29-Mar-20	Design
154	STONE COLLECTOR	Sushil Kumar, Akarsh Sharma	328651-001	29-Mar-20	Design
155	Marker-cum-Eraser	Sushil Kumar, Raj Kumar, Shubham Prakash, Akarsh Sharma	328652-001	29-Mar-20	Design
156	Holmium and Yttrium doped Ba-Sr Co2 Z-Type Hexaferrite based nanomaterials and a process for the preparation	Mrs. Kirti Singha, Dr. Virender Pratap Singh, Mrs. Monika Chandel, Dr. Rajesh Kumar	202011013746	29-Mar-20	Utility
157	Ba-Nd-Cd-In Hexaferrite Based Nanomaterial and a process for the preparation thereof	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013744	29-Mar-20	Utility
158	Mg-Ag-Mn Ferrite Based Nanomaterials and Process for the Preparation Thereof	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013745	29-Mar-20	Utility
159	Handy Washing Device	Abhilash pathania, Raj Kumar, Rajkumar, Mohan singh	202011013747	29-Mar-20	Utility
160	A SYSTEM OF EVALUATION AND COMPARISON OF DISPERSION COMPENSATION AT DISTINCT BIT RATES	Shalini Sharma Ashwani Kumar	202011013748	29-Mar-20	Utility
161	Hand-Gripper Charger	Sushil Kumar, Raj Kumar, Akarsh Sharma, Shubham Prakash	328660-001	30-Mar-20	Design
162	Hot Plate Stirrer	Kartik Chauhan, Shagun Gupta, Rupak Nagraik, Ananya Baruah, Ishan Sharma	328659-001	30-Mar-20	Design
163	A METHOD OF SURFACE CHARACTERISATION OF COPPER ALLOY DISC AND USES THEREOF	Bhaskar Goel, Sorabh Aggarwal	202011013775	30-Mar-20	Utility
164	A METHOD OF SURFACE INTEGRITY OF ALUMINIUM ALLOY- 6061 DISC AND USES THEREOF	Bhaskar Goel, Sorabh Aggarwal	202011013776	30-Mar-20	Utility
165	A DRUG DELIVERY SYSTEM COMPRISING IN SITU FORMING OF MICROPARTICLES OF GLIBENCLAMIDE FOR THE	Hemlata Kaurav, Deepak N. Kapoor	202011014187	31-Mar-20	Utility
166	AN ANTIFUNGAL COMPOSITION COMPRISING BARK AND LEAVES EXTRACT OF POPULUS CILIATA PLANT AND	Ishita Guleria, Amita Kumari, Adesh K. Saini, Sonam Kumari, Nassem A. Gaur	202011014386	31-Mar-20	Utility

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167	AN ANTIMICROBIAL COMPOSITION COMPRISING RHIZOME EXTRACT OF TRILLIUM GOVANIUM PLANT AND NANOFIBER MEMBRANE WITH ENHANCED POLAR PHASE OF PRISTINE POLYMERS AND A PROCESS FOR THE	Rachna Verma, Ashwani Tapwal, Dinesh Kumar, Sunil Puri	202011014348	31-Mar-20	Utility
168	CNF Nanofiber Membrane and a process for the preparation thereof	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202011014188	31-Mar-20	Utility
169	Ba-Sr CO ₂ -Type Ferrite Based Nanomaterial and a Process for the Preparation Thereof	Dr. Mamta Shandilya, Gun Anit Kaur, Dr. Nagesh Thakur, Mr. Shammi Kumar	202011014158	31-Mar-20	Utility
170	La ³⁺ / Ni ²⁺ ions doped Sr ₂ Co ₂ Fe ₁₂ O ₂₂ Y-type hexaferrite based nanomaterial and a process for the preparation	Mrs. Kirti Singha, Dr. Virender Pratap Singh, Mrs. Monika Chandel, Dr. Rajesh Kumar	202011014157	31-Mar-20	Utility
171	Dy ³⁺ / Ni ²⁺ ions doped Sr ₂ Co ₂ Fe ₁₂ O ₂₂ Y-type hexaferrite based nanomaterial and a process for the preparation	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit Jasrotia, Dr. Rajesh Kumar	202011014156	31-Mar-20	Utility
172	A Process for Synthesis of Reduced Graphene Oxide	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit Jasrotia, Dr. Rajesh Kumar	202011014159	31-Mar-20	Utility
173	Fully Automatic Sanitizing Tunne	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202011014155	31-Mar-20	Utility
174	A WALL HANGING PORTABLE HYDROPONIC GROWING SYSTEM FOR PLANTS	Robin Thakur, Saikat Ghosh, Prashant Katuwal, Arshdeep Singh, Rajkumar Sharma, Chandra Shekhar Aazad	329164-001	02-May-20	Design
175	SCEPTRE	Mohit Nigam, Retika Tewary, Nitika Thakur	202011025134	15-Jun-20	Utility
176	SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEMS COMPRISING ESSENTIAL OIL OF CITRUS PSEUDOLIMON	Sushil Kumar, Shubham Prakash, Himani Bhatti, Shivani Sharma, Sadhana Mini	330111-001	17-Jun-20	Design
177	SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM SEEDS OF MORINGA OLEIFERA FOR	PRAKRITI NIDHI, RUCHI KUMARI, CHARUL RATHORE, SAMAR VIHAL, DR. POONAM NEGI, PROF. KAMAL DEV, PROF.	202011027438	29-Jun-20	Utility
178	ESSENTIAL OIL OF THYMUS SERPYLLUM AS BIOAVAILABILITY ENHANCER OF FLUCONAZOL AND	PRAKRITI NIDHI, PROF. KAMAL DEV, PROF. ANURADHA SOURIRAJAN	202011027650	29-Jun-20	Utility
179	ESSENTIAL OIL OF CYMBOPOGON CITRATUS AS BIOAVAILABILITY ENHANCER OF FLUCONAZOL AND	DEEKSHA SALARIA, RAJAN ROLTA, VIKAS KUMAR, KAMAL DEV, ANURADHA SOURIRAJAN	202011027439	29-Jun-20	Utility
180	Solar power assisted distillation plant and method of use thereof.	DEEKSHA SALARIA, RAJAN ROLTA, VIKAS KUMAR, KAMAL DEV, ANURADHA SOURIRAJAN	202011027903	01-Jul-20	Utility
181	A method for waste water treatment by substitution of MnFe ₂ O ₄ nanoferrites with Ce ³⁺ and Ni ²⁺	ADIT RANA, KAMAL DEV, RAJ KUMAR, SHAM SINGH CHANDEL, NIDHI KAPOOR, ANURADHA SOURIRAJAN	202011034249	10-Aug-20	Utility
182	CHAKRASANA YOGA- MACHINE	ROHIT JASROTIA, ANKIT VERMA, POOJA PURI, VIRENDER PRATAP SINGH, RAJESH KUMAR	202011034248	10-Aug-20	Utility
183	CORN-KERNEL SEPARATOR	Sushil Kumar, Raj Kumar, Akarsh Sharma, Shubham Prakash	332010-001	15-Aug-20	Design
184	A METHOD FOR MAGNETIC IMMOBILIZATION OF BACTERIAL CELLS USING MAGNESIUM FERRITE	Sushil Kumar, Akarsh Sharma, Himani Bhatti, Shivani Sharma, Sadhana Mini	332011-001	16-Aug-20	Design
185	A METHOD FOR PREPARATION OF WILD POMEGRANATE PEEL ENRICHED COOKIES WITH HIGH ANTIOXIDANTS AND	ENA DEVI, KIRAN THAKUR, CHANDRIKA ATTRI, AMIT SETH, MAHAVIR SINGH	202011037777	02-Sep-20	Utility
186	ECO-FRIENDLY POWER-GENERATOR K4B424:N424	ANKITA WALIA, DR. SOMESH SHARMA, RAJAT SINGH	202011038365	04-Sep-20	Utility
187	BLANCHING, AIR DRYER AND WATER BATH COMBO MACHINE	Sushil Kumar, Shubham Prakash	333436-001	21-Sep-20	Design
188	AN IMMOBILIZATION MATRIX FOR CELL IMMOBILIZATION	Somesh Sharma, Md. Nausad, Ananya Dviwedi, A.Deva Santhana Divvan	333482-001	22-Sep-20	Design
189	FLEXIBLE ENERGY HARVESTERS FOR SHOES BASED ON PIEZOELECTRIC NANOFIBERS	Kiran Thakur, Amit Seth, Chandrika attri	202011041302	23-Sep-20	Utility
190	FLEXIBLE ENERGY HARVESTERS FOR SCAVENGING MECHANICAL ENERGY BASED ON PIEZOELECTRIC	Mamta Shandilya, sahil kumar, Gun Anit Kaur	202011042868	01-Oct-20	Utility
191	MINI CORN-ROASTER	Mamta Shandilya, Gun Anit Kaur	202011042867	02-Oct-20	Utility
192	A SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM ACORUS CALAMUS	Sushil Kumar, Akarsh Sharma, Shubham Prakash	334151-001	11-Oct-20	Design
193	GREEN SYNTHESIS OF QUINAZOLINONE MOLECULES	PROF. ANURADHA SOURIRAJAN, PROF. KAMAL DEV, MS. PRAKRITI NIDHI	202011048060	04-Nov-20	Utility
194	PORTABLE FRUITS GRADING MACHINE	Dr. Deepak Kumar, Dr. Ashutosh Kumar Dash	202011044993	15-Oct-20	Utility
195	LATERAL FLOW IMMUNOASSAY FOR RAPID DETECTION OF ZIKA VIRUS	Abhilash pathania, Raj Kumar, Mohan singh	335891-001	03-Dec-20	Design
196	SCREW GUN	Deepak N Kapoor, Prince Manta	202011043383	06-Oct-20	Utility
197	TUBE SQUEEZER	Sumit, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336237-001	12-Dec-20	Design
198	NAIL HOLDING HAMMER	Saurav Chauhan, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336238-001	12-Dec-20	Design
199	PORTABLE VEHICLE WASHING EQUIPMENT	Jatin Shandilya, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336239-001	12-Dec-20	Design
200	Fruit Grading Machine	Abhilash Pathania, Raj Kumar, Honey, Nakul Negi, Mohan Singh	336220-001	11-Dec-20	Design
201	NUT CUTTER	Nakul Negi, Honey, Abhilash Pathania, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336221-001	11-Dec-20	Design
202	A COMPOSITION FOR THE TREATMENT OF ATOPIC DERMATITIS AND METHOD OF PREPARATION THEREOF	Amitosh Kumar, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336236-001	12-Dec-20	Design
203	Evaluation of Allelopathic Nanoemulsions of Azadirachta indica against Parthenium hysterophorus (L.)	Chetna Kumari, Poonam Negi, Saurabh Kulshrestha, Pradeep Kumar, Sankhalit Pramanik, Kamal Kant	202011055406	19-Dec-20	Utility
204	A METHOD EVALUATION OF ALLELOPATHIC NANOEMULSIONS AGAINST PARTHENIUM	SHEETAL CHOUDHARY, DR. MAMTA SHARMA	202011055410	19-Dec-20	Utility
205	IDEAL MACHINING OF PMMA AND POLYCARBONATE OPTICAL LENS AND SPECTACLE GLASSES AND METHODS	MRS. SHEETAL CHOUDHARY, DR. MAMTA SHARMA	202011055345	19-Dec-20	Utility
206	A Composition of Synergistic anti-fungal combination of Essential oil extracted from leaves of Eucalyptus globulus	BHASKAR GOEL, SORABH AGGARWAL	202011055336	19-Dec-20	Utility
207	Essential oil of Pleuroperum brunonis as effective cell cycle inhibitor and anti-cancer agent against cancer cells	PRAKRITI NIDHI, Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN	202011055335	19-Dec-20	Utility
208		SRIHITI SRIVASTAVA, Dr. RITU KULSHRESTHA, DIKSHA, KRITIKA, Ms. PRAKRITI NIDHI, Dr. RAJAN ROLTA, Prof. KAMAL	202011055559	21-Dec-20	Utility


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209	SILVER OXIDE NANOPARTICLES COMPRISING RHIZOME EXTRACT OF BERGENIA CILIATA AND A METHOD FOR	Kanika Dulta, Pankaj Kumar Chauhan, Gourav Chandan, Parveen Chauhan, Vinod Kumar	202011056025	23-Dec-20	Utility
210	Portable Grading Machine	Dr. Abhilas Pathania, Raj kumar, Mohan Singh	202011053521	09-Dec-20	Utility
211	TANK CLEANER	Robin Thakur, Sunil Kumar, Saikat Gosh, Raj Kumar Sharma, Chandra Shekhar Aazad, Prashant Katuwal, Yadhuveer.	336797-001	24-Dec-20	Design
212	NANO-FLUID SPECTRAL-BEAM PHOTOVOLTAIC THERMAL EQUIPMENT	Sushil Kumar, Robin Thakur, Raj Kumar, Dr. Raj Kumar, Arvind Singh	336815-001	26-Dec-20	Design
213	SEED GUN	Sushil Kumar, Akarsh Sharma, Naresh Kumar	336816-001	26-Dec-20	Design
214	A Weedicide Composition And A Process For The Preparation Thereof	Sheetal Choudhary, Mamta Sharma	202011057344	31-Dec-20	Utility
215	A Weedicide Composition And A Process For The Preparation Thereof	Sheetal Choudhary, Mamta Sharma	202011057343	31-Dec-20	Utility
216	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Sheetal Choudhary, Mamta Sharma	202011057342	31-Dec-20	Utility
217	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Sheetal Choudhary, Mamta Sharma	202011057341	31-Dec-20	Utility
218	A Novel Nanocomposite Photocatalyst And A Process For The Preparation Thereof	Dr. Pooja Shandilya, Rohit Sharma, Ankita Guleria	202011057340	31-Dec-20	Utility
219	A Novel Nanocomposite Photocatalyst And A Process For The Preparation Thereof	Dr. Pooja Shandilya, Ankita Guleria	202011057339	31-Dec-20	Utility
220	A PROCESS FOR THE PREPARATION OF DRIED FRUITS AND VEGETABLE PRODUCTS	Somesh Sharma, Khyati Oberoi, Esther Malsawmdawngliani, Kanika Sharma, Ruchi Sharma	202011057338	31-Dec-20	Utility
221	An Antibacterial Composition Comprising Citrus pseudomonas essential oil	Ruchi Kumari, Prakriti Nidhi, Kamal Dev, Anuradha Sourirajan	202111000002	01-Jan-21	Utility
222	An Antibacterial Composition Comprising Platycladus orientalis essential oil	Samta Thakur, Prakriti Nidhi, Kamal Dev, Anuradha Sourirajan	202111000003	01-Jan-21	Utility
223	WATER CONSERVATION AND UTILIZATION SYSTEM	Gaurav Sharma, Kartik Chauhan, Saurabh Kulshrestha	337634-001	18-Jan-21	Design
224	SHATKARMA KIT	Sumit Kumar, Subodh Saurabh Singh, Mala Tripathi	337635-001	18-Jan-21	Design
225	ROBOTIC SEWAGE-CONTROL AND WATER-TREATMENT MACHINE	Sushil Kumar, Robin Thakur, Dr. Raj Kumar, Naresh Kumar, Shubham Prakash, Praveen Kumar	337636-001	18-Jan-21	Design
226	"EVACUATED TUBE COLLECTOR FOR SOLAR RADIATION	Raj Kumar, Dr. Raj Kumar, Sorabh Aggarwal, Sashank Thapa, Dr. Bhaskar Goel	337637-001	18-Jan-21	Design
227	Solar Water Purifier	Sunil Kumar, Sushil Kumar, Sonia Kumari, Sakshi Guleria, Robin Thakur, Naresh Kumar, Akash Sharma	338521-001	03-Feb-21	Design
228	A Herbal Nanoemulsion Gel And A Process For The Preparation Thereof	Azhar Khan, Ruhi Pathania, Prince Chawla, Ravindar Kaushik	202111003298	04-Feb-21	Utility
229	Advanced Distillator	Sushil Kumar, Sonia Kumari, Sakshi Guleria, Shubham Prakash, Rohit Kumar, Nikhil Sharma, Satyam Singh, Praveen	339237-001	17-Feb-21	Design
230	EVALUATION OF ALLELOPATHIC NANOEMULSIONS OF WITHANIA SOMNIFERA AGAINST AGERATUM	SHEETAL CHOUDHARY, DR. MAMTA SHARMA	202111006493	18-Feb-21	Utility
231	COFFEE - CLOCK	Sushil Kumar, Sonia Kumari, Naresh Kumar, Akarsh Sharma	339534-001	22-Feb-21	Design
232	Sol-Gel synthesized Zinc and Lanthanum doped Manganese nanoferrites with enhanced magnetic property	Rohit Jasrotia, ANKIT VERMA, VIRENDER PRATAP SINGH, RAJESH KUMAR	202111006739	18-Feb-21	Utility
233	Automatic Solar Panel Cleaning Device	Sushil Kumar, Sonia Kumari, Sakshi Guleria	340781-001	16-Mar-21	Design
234	ELECTRICITY GENERATOR	Kamal Kashyap, Robin Thakur, Naresh Kumar, Sunil Kumar, Dr. Raj Kumar	340763-001	16-Mar-21	Design
235	SIRSASANA CHAIR	Sushil Kumar, Sonia Kumari, Naresh Kumar, Raj Kumar, Mohan Singh, Robin Thakur, Dr. Raj Kumar, Nitin Kumar	340764-001	16-Mar-21	Design
236	AUTOMATIC CEILING FAN CLEANER	Sushil Kumar, Sonia Kumari, Naresh Kumar, Akarsh Sharma	340765-001	16-Mar-21	Design
237	A WOUND HEALING COMPOSITION COMPRISING EXTRACT OF MORINGA OLEIFERA SEEDS	Prakriti Garg, Alia Ali, Surabh Kulshrestha, Rohit Goel, Azher Khan	202111011410	17-Mar-21	Utility
238	Graphitic Carbon Nitride (g-C ₃ N ₄) based magnetic photocatalyst and a Process for the Preparation Thereof	Pardeep Singh, Rohit Kumar, Pankaj Raizada, Aftab Aslam Parwaz Khan	202111011443	17-Mar-21	Utility
239	Graphitic Carbon Nitride (g-C ₃ N ₄) based photocatalyst and a Process for the Preparation Thereof	Pardeep Singh, Rohit Kumar, Pankaj Raizada, Aftab Aslam Parwaz Khan	202111011444	17-Mar-21	Utility
240	Fabrication Of Heterogeneous Nanocomposites Based Photo-Fenton System For Efficient Treatment Of Polluted	Pardeep Singh, Pankaj Raizada, Kirti Sharma	202111011661	19-Mar-21	Utility
241	Synthesis Of Co-Doped Nanocomposite And A Process For The Preparation Thereof	Pankaj Raizada, Prachi Thakur, Pardeep Singh	202111011660	19-Mar-21	Utility
242	Controlled Lazer Heating System (CLHS)	Rahul Chandel, Sham Singh Chandel, Ram Parkash Diwadi	341090-001	19-Mar-21	Design
243	Portable Water Heating Solar Collector (PWHSC)	Rahul Chandel, Sham Singh Chandel, Ram Parkash Diwadi	341089-001	19-Mar-21	Design
244	ORGANIZED ROLLING TRASH BIN	Hasiba Salihi, Shard, Ashoo Khosla, Sushil Kumar, Sakshi Guleria, Sonia Kumari	341338-001	24-Mar-21	Design
245	Skin Cancer Diagnosis Device	Salwan Tajjour, Sham Singh Chandel, Sonia	341339-001	24-Mar-21	Design
246	MODERN PLASTIC CRATE (KILTA)	Shashvat Sharma, Chhavi Grover, Vanshika Sharma, Yashika Sharma, Harsh Gandhi, Rohit Sharma, Sourav Banarjee, Prachi Nakul Negi, Sorabh Aggarwal, Dr. Rajkumar, Dr. Bhaskar Goel, and Dr. Amit Kumar	341340-001	24-Mar-21	Design
247	Adjustable Book Stand	Sumit Kumar, Sorabh Aggarwal, Apar Kushik, Dr. Perna Bhardwal	341397-001	24-Mar-21	Design
248	Adjustable Book Stand	Sumit Kumar, Sorabh Aggarwal, Apar Kushik, Dr. Perna Bhardwal	341398-001	24-Mar-21	Design
249	Nut Opener with Chain Mechanism	Amitosh Kumar, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341399-001	24-Mar-21	Design
250	Angular Screwdriver Bit	Saurav Chauhan, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341400-001	24-Mar-21	Design


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251	Steel Bar Bending Tool	Jatin Shandilya, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341401-001	24-Mar-21	Design
252	NAIL RUBBING DEVICE	Sushil Kumar, Sonia Kumari, Sakshi Guleria	341413-001	24-Mar-21	Design
253	EYE RELAXING	Sushil Kumar, Sonia Kumari, Sakshi Guleria	341412-001	24-Mar-21	Design
254	Synthesis of Co-doped Heterojunction Nanocomposite and a Process for the Preparation Thereof	Dr. Pankaj Raizada, Sonali Sharma, Dr. Anita Sudhaik, Dr. Pardeep Singh	202111011838	30-Mar-21	Utility
255	Synthesis of Defect Mediated Z-Scheme Photocatalyst and a Process for the Preparation Thereof	Dr. Pankaj Raizada, Abhinandan Kumar, Dr. Pardeep Singh	202111011839	30-Mar-21	Utility
256	Synthesis Of Nanocomposite And A Process For The Preparation Thereof	Dr. Pardeep Singh, Yogesh Kumar, Pankaj Raizada, Dr. Aftab Aslam Parwaz Khan	202111012570	30-Mar-21	Utility
257	Synthesis Of Nanocomposite	Dr. Pardeep Singh, Yogesh Kumar, Pankaj Raizada, Dr. Aftab Aslam Parwaz Khan	202111012571	30-Mar-21	Utility
258	Synthesis of Ternary Heterojunction Nanocomposites and a Process for the Preparation Thereof	Dr. Pardeep Singh, Yogesh Kumar, Pankaj Raizada, Dr. Aftab Aslam Parwaz Khan	202111012569	30-Mar-21	Utility
259	Rotational design based heterojunction Photocatalyst and a Process for the Preparation Thereof	Sheetal Sharma, Pardeep Singh, Pankaj Raizada, Vishal Dutta	202111012916	30-Mar-21	Utility
260	A Visible Light Driven Photocatalyst and a Process for the Preparation Thereof	Sonu, Pardeep Singh, Pankaj Raizada	202111013534	30-Mar-21	Utility
261	Synthesis of a novel photocatalyst and a Process for the Preparation Thereof	Vishal Dutta, Pardeep Singh, Pankaj Raizada, Sheetal Sharma	202111013532	30-Mar-21	Utility
262	Synthesis Of Nanoparticles And A Process Of Preparation Thereof	Dr. rajesh Kumar, Dr Amita Kumari, Sohan Lal, Ankush Chauhan, Ritesh Verma, Kumari Mansi	202111014582	30-Mar-21	Utility
263	Novel Plant Based Synthesis And Photocatalytic Dye Degradation Nanoparticles And A Process Of Preparation	Dr. rajesh Kumar, Dr Amita Kumari, Jyoti Dhatwalia, Ankush Chauhan, Shabnam Thakur, Kumari Mansi	202111013857	30-Mar-21	Utility
264	A Green Synthesis Of Nanoparticles And A Process Of Preparation Thereof	Dr. rajesh Kumar, Dr Amita Kumari, Jyoti Dhatwalia, Ankush Chauhan, Shabnam Thakur, Kumari Mansi	202111013533	30-Mar-21	Utility
265	Green Synthesis Of Nanoparticles Using Plant Extract And A Process Of Preparation Thereof	Dr. rajesh Kumar, Dr Amita Kumari, Jyoti Dhatwalia, Ankush Chauhan, Shabnam Thakur, Kumari Mansi	202111013856	30-Mar-21	Utility
266	WATER CONSERVATION AND UTILIZATION SYSTEM	Gaurav Sharma, Kartik Chauhan, Saurabh Kulshrestha	202111012914	06-Apr-21	Utility
267	HAND GRIPPER CHARGER FOR ELECTRONIC DEVICES	Sushil Kumar, Sonia Kumari, Sakshi Guleria, Akarsh Sharma, Nitin Kumar	202111012915	06-Apr-21	Utility
268	A METHOD AND COMPOSITION TO ENHANCE TEMPERATURE TOLERANCE IN TRIGONELLA FOENUM	Mamta Sharma, Shriya	202111015039	06-Apr-21	Utility
269	A METHOD AND COMPOSITION TO ENHANCE DROUGHT TOLERANCE IN CICER ARETINUM L.	Mamta Sharma, Priyanka Chauhan	202111015040	06-Apr-21	Utility
270	ZINC OXIDE NANOPARTICLES COMPRISING CYMBOPOGON FLEXUOSUS ESSENTIAL OIL AND METHOD OF SYNTHESIS	Mamta Sharma, Diksha, Sonu	202111015178	07-Apr-21	Utility
271	BURNER	Dr. Chandresh, Swati, Vijay Chauhan, Ishan Sharma, Kartik Chauhan, Sudarshan, Gaurav Saxena	342921-001	30-Apr-21	Design
272	HANDY BOTTLE	Sushil Kumar, Aakarsh Sharma, Naresh Kumar, Kamal Kashyap, Dr. Nitin Kumar	342923-001	30-Apr-21	Design
273	Auto-Shoe Cleaner	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Abhay Sharma, Sakshi Guleria	342922-001	30-Apr-21	Design
274	ADJUSTABLE RING	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343903-001	27-May-21	Design
275	AUTOSTOPPER VALVE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria, Shivam Sharma	343904-001	27-May-21	Design
276	PORTABLE CPR-VENTILATION MACHINE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343906-001	27-May-21	Design
277	PINE NUT SHELLING DEVICE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343907-001	27-May-21	Design
278	INNOVATIVE STOVE STAND	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343908-001	27-May-21	Design
279	DEEP BREATH INDICATOR	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343909-001	27-May-21	Design
280	SHOES PROTECTOR	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	343910-001	27-May-21	Design
281	BIO-FABRICATION OF MAGNESIUM (MG) NANOPARTICLES USING CYMBOPOGON FLEXUOSUS ESSENTIAL OIL	Diksha Pathania, Sonu, Dr. Mamta Sharma	202111023566	28-May-21	Utility
282	METHOD AND COMPOSITION OF MAGNETIC COBALT FERRITE (CoFe2O4) NANOPARTICLES WITH DUAL	Dr. Rajesh Kumar Sharma, Ankush Chauhan, Ritesh Verma, Kumari Mansi, Anand Sharma	202111023718	28-May-21	Utility
283	METHOD OF ALLEVIATING TEMPERATURE STRESS ON SEEDS OF A PLANT USING NUTRIENTS IN	Shriya, Dr. Mamta Sharma	202111023443	26-May-21	Utility
284	ANTIVIRAL PEPTIDES AS BINDING SITE INHIBITORS FOR ORF9b PROTEIN OF SARS-COV-2	Gaurav Sharma, Prateek Paul, Saurabh Bhaskar Saha, Dr. Saurabh Kulshrestha	202111023477	26-May-21	Utility
285	Novel in-situ Film forming herbal spray for prevention of blood loss from injury	Rajeshwar Kamal Kant Arya, Priyanka Gairola, Dr. Dheeraj Bhist, Dr. Kapil Khulbe, Dr. Jai Singh, Dr. Deepak Kumar	202111023699	28-May-21	Utility
286	METHOD FOR PERFORMING SYNTHESIS OF CARBON QUANTUM DOTS VIA ELECTROSPINNING	Mamta Shandilya, Gun Anit Kaur	202111023658	28-May-21	Utility
287	A TABLET FORMULATION FROM PINUS BIOACTIVE FRACTION FOR OSTEOPOROSIS	Dr. Rohit Goel, Dr. Lalit Sharma, Dr. Aditi Sharma	202111024372	01-Jun-21	Utility
288	HEAT EXCHANGER STOVE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	344191-001	03-Jun-21	Design
289	ECO-FRIENDLY URINAL	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	344190-001	03-Jun-21	Design
290	HYGINIC TOILET FOOT PEDAL	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	344192-001	03-Jun-21	Design
291	ECOFRIENDLY WATER COOLER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	344680-001	14-Jun-21	Design
292	AUTO ANIMAL FEEDER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345606-001	02-Jul-21	Design


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293	AUTO WATERING POT	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345607-001	02-Jul-21	Design
294	MINI DOUGH BALL MAKER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345608-001	02-Jul-21	Design
295	LPG LAMP STAND	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345609-001	02-Jul-21	Design
296	SNAKE CATCHER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345610-001	02-Jul-21	Design
297	MULTIFUNCTIONAL TROWEL	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345611-001	02-Jul-21	Design
298	Forward Bending Prop	Sumit Kumar, Mala Tripathi, Subodh Singh	345718-001	05-Jul-21	Design
299	Back Bending Prop	Sumit Kumar, Mala Tripathi, Subodh Singh	345719-001	05-Jul-21	Design
300	ANTI-FUNGAL POTENTIAL OF ESSENTIAL OIL EXTRACTED FROM LEAVES OF HYPERICUM OBLONGIFOLIUM	Vijaya Lakshmi, Dr. Anuradha, Riya Bhattacharya, Dr. Kamal Dev	202111030025	05-Jul-21	Utility
301	BENDING CAPACITY OF STEEL-CONCRETE-STEEL COMPOSITE SECTION CONSIDERING BUCKLING EFFECT	Ravikant Thakur, Mohindra Singh Thakur, Vivdha Guruung	202111030026	05-Jul-21	Utility
302	SYNERGISTIC/ BIOENHANCER ANTI-FUNGAL POTENTIAL OF ESSENTIAL OIL EXTRACTED FROM LEAVES OF AEGLE	Dr. Anuradha Sourirajan, Riya Bhattacharya, Dr. Kamal Dev	202111030027	05-Jul-21	Utility
303	SEISMIC PERFORMANCE OF REINFORCED CONCRETE HIGH-RISE BUILDING CONSIDERING THE EFFECT OF SOIL	Ravikant Thakur, Mohindra Singh Thakur	202111027596	21-Jun-21	Utility
304	INNOVATIVE TOOTHBRUSH	Nitin Kumar, Sushil Kumar, Naresh Kumar, Sakshi Guleria	345833-001	07-Jul-21	Design
305	ADVANCED SOLAR CUM WIND TURBINE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345832-001	07-Jul-21	Design
306	COPPER OXIDE NANOPARTICLES COMPRISING ZANTHOXYLUMARMATUM PLANT EXTRACT AND METHOD	Dr. Rajesh Kumar Sharma, Dr. Sourabh Kulshretha, Ankush Chauhan, Ritesh Verma, Swati Kumari, Mansi Kumari	202111030588	08-Jul-21	Utility
307	GADOLINIUM AND NIOBIUM CO-DOPED BARIUM TITANATE CERAMIC MATERIAL AND METHOD OF	Dr. Rajesh Kumar Sharma, Ritesh Verma, Ankush Chauhan	202111030589	08-Jul-21	Utility
308	VANADIUM DOPED BARIUM CALCIUM ZIRCONATE TITANATE CERAMIC MATERIAL AND METHOD OF	Dr. Rajesh Kumar Sharma, Ritesh Verma, Ankush Chauhan, Khalid Mujasam Batoo	202111030590	08-Jul-21	Utility
309	ADJUSTABLE TRATK BAMBOO STAND	Mala Tripathi, Subodh Saurabh, Sushil Kumar, Shivanya Thakur, Prof. Abhav Saxena, Sumit Kumar	346191-001	12-Jul-21	Design
310	HAND-FOOT GRIP MAT	Sumit Kumar, Sushil Kumar, Sonia Kumari, Mala Tripathi, Subodh Saurabh Singh, Satish Bhawna	346192-001	12-Jul-21	Design
311	FOLDABLE CPR DEVICE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346193-001	12-Jul-21	Design
312	ACCOMPLISHED YOGA-BAG	Deepshikha Thakur, Sushil Kumar, Naresh Kumar, Sumit Kumar, Mala Tripathi, Subodh Saurabh Singh	346194-001	12-Jul-21	Design
313	A STRUCTURE FOR DISSIPATION OF SEISMIC ENERGY	Ravikant Thakur, Mohindra Singh Thakur, Vivdha Guruung	202111031411	13-Jul-21	Utility
314	SYNTHESIS OF ZnO NANOPARTICLES VIA GREENSYNTHESIS USING TIMUR (ZANTHOXYLUMARMATUM, DC)	Dr. Rajesh Kumar Sharma, Dr. Sourabh Kulshretha, Ankush Chauhan, Ritesh Verma, Swati Kumari, Mansi Kumari	202111031412	13-Jul-21	Utility
315	C-TYPE TUNNEL EJECTOR	Parveen Sihag, Sushil Kumar	202111031410	13-Jul-21	Utility
316	Corona Kawach	Vivaan, Dr. Kamal Dev, Sushil Kumar	346230-001	14-Jul-21	Design
317	ADVANCED YOGA-MAT	Sumit Kumar, Sushil Kumar, Dr. Suresh Lal Baenwal, Mala Tripathi, Subodh Saurabh Singh	346247-001	14-Jul-21	Design
318	HAND-GRIP MAT	Bhawna, Sushil Kumar, Sonia Kumari, Sumit Kumar, Mala Tripathi, Subodh Saurabh Singh, Prof. Abhav Saxena, Satish	346248-001	14-Jul-21	Design
319	HEAD-GRIP MAT	Sumit Kumar, Sushil Kumar, Shivanya Thakur, Subodh Saurabh Singh, Mala Tripathi, Satish, Deepshikha Thakur	346249-001	14-Jul-21	Design
320	KNEE-GRIP MAT	Satish, Sushil Kumar, Shivanya Thakur, Sumit Kumar, Apar Kaushik, Suman Rawat, Divya Matlani	346250-001	14-Jul-21	Design
321	YOGA GRIP-MAT	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria, Sumit Kumar	346251-001	14-Jul-21	Design
322	FEET-GRIP MAT	Sumit Kumar, Sushil Kumar, Shivanya Thakur, Subodh Saurabh Singh, Mala Tripathi, Satish, Deepshikha Thakur	346276-001	15-Jul-21	Design
323	ASSISTIVE DEVICE FOR DISABLED ANIMALS	Sushil Kumar, Raj Kumar, Mohan Singh, Lal Singh, Chetan Chauhan, Rakesh Kumar, Dinesh Kashyap, Vijay Kumar	346382-001	16-Jul-21	Design
324	ELECTROCHEMICAL DNA CHIP FOR DETECTION OF LEPTOSPIRA INTERROGANS CAUSING LEPTOSPIROSIS	Vivek Verma, Dinesh Kumar, Deepak Kala, Ankur Kaushal	202111032014	16-Jul-21	Utility
325	A DEVICE FOR CLEANING CEILING FAN	Sushil Kumar, Sakshi Guleria, Sonia Kumari	202111032643	20-Jul-21	Utility
326	SYSTEM AND METHOD OF SEISMIC RETROFITTING FOR RC BUILDING WITH STEEL PLATE SHEAR WALLS	Ravikant Thakur, Mohindra Singh Thakur, Vivdha Gurung	202111033471	26-Jul-21	Utility
327	IOT BASED CROP CLASSIFICATION MODEL USING DEEP LEARNING FOR INDIRECT SOLAR DRYER	Brijbhushan Sharma, Amit Saraswat, Abhijeet Negi, Nimish Kappal	202111033697	27-Jul-21	Utility
328	RAPID DIAGNOSTIC KIT FOR COVID-19 FOR DETECTION OF VIRAL SPIKE PROTEIN	Parneet Kaur, Saurav Biswas, Saurabh Kulshreshtha, Azhar Khan, Pradeep Kumar	202111033731	27-Jul-21	Utility
329	FOLDABLE GOODS CARRIER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346908-001	28-Jul-21	Design
330	ASSISTIVE LEG STAND	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346906-001	28-Jul-21	Design
331	BALLOON TYPE UMBRELLA	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346907-001	28-Jul-21	Design
332	ADJUSTABLE HEADREST	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346905-001	28-Jul-21	Design
333	MULTI-COMPONENT MODEL FOR TESTING ANXIETY-RELATED BEHAVIOR IN RODENTS	Dr. Lalit Sharma, Dr. Deepak Kumar, Sushil Kumar, Aditi Sharma	346904-001	28-Jul-21	Design
334	Adjustable Laptop Stand	Harshit Gupta, Dr. Raj Kumar, Sorabh Aggarwal, Sashank Thapa, Dr. Bhaskar Goel	347380-001	04-Aug-21	Design


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335	Multi-component model for testing depression	Dr. Lalit Sharma, Dr. Deepak Kumar, Sushil Kumar, Aditi Sharma	347382-001	04-Aug-21	Design
336	MODIFIED INSECT LIGHT TRAP	Dr. Amit Kumar, Dr. Arshdeep Singh, Dr. Shimpy Sarkar, Abhinesraj VM	347381-001	04-Aug-21	Design
337	BULB FITTING DEVICE	Ritika Rana, Sorabh Aggarwal, Dr. Raj Kumar	347748-001	11-Aug-21	Design
338	SUB-SOIL FERTILIZER APPLICATOR	Dr Arshdeep Singh, Dr Shimpy Sarkar, Dr Amit Kumar, Abinesh Raj VM	347740-001	12-Aug-21	Design
339	Spann Hammer	Harshit, Sorabh Aggarwal, Dr. Raj Kumar Saini	348038-001	18-Aug-21	Design
340	FORMULATION, DEVELOPMENT AND CHARACTERIZATION OF SODIUM ALGINATE STABILIZED PHYLLATHUS NIRURI	Ruhi Pathania, Prince Chawla, Deepak N Kapoor, Azhar Khan, Ravinder Kaushik	202111038004	20-Aug-21	Utility
341	A.S.R. modified insect box	Dr. Arshdeep singh Dr. Shimpy Sarkar	349114-001	08-Sep-21	Design
342	Insect collection Box	Dr. Amit Kumar, Abinesh Raj VM	349115-001	09-Sep-21	Design
343	Resilience Wheel	Apar Kaushik, Harshit Gupta	349116-001	09-Sep-21	Design
344	A Nanoparticle Formulation and a process for preparation thereof	Ankush Chauhan, Ritesh Verma, Swati kumari, Mansi Sharma, Rajesh Kumar, Sourabh Kulshreshtha	202111035600	06-Aug-21	Utility
345	Nickel and Cerium Substituted Cobalt Zinc Nanoferrites and Method of Manufacturing the same	Jasrotia Rohit, Ankit verma, Pooja Dhiman, Virender Pratap singh, Rajesh kumar	202111040802	08-Sep-21	Utility
346	An EARTHQUAKE RESISTANT WOODEN-REINFORCED CEMENT CONCRETE HYBRID BUILDING	Sangeeta Negi, M S Thakur	202111040803	08-Sep-21	Utility
347	Autonomised LPG Cylinder	Dr. Kamal Dev, Dr. Anuradha Sourirajan, Sorabh Aggarwal,	349191-001	09-Sep-21	Design
348	Bar counter spoon	CHEF Nagendra Yadav, Ankit Shukla, Harshit Gupta, Santosh Kumar, Prati Mazumdar	349194-001	09-Sep-21	Design
349	Roller floor cleaner	Harshit Gupta, Sorabh Aggarwal	349012-001	10-Sep-21	Design
350	Water bottle with mechanical heating	Dr. Rajesh Kumar, Ritesh Verma, Ankush Chauhan, Rahul Kalia	349363-001	13-Sep-21	Design
351	A SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM MURRAYA KOENIGII	Riya Bhattacharya, Kaveri Thakur, Kamal Dev, Anuradha Sourirajan	202111041956	16-Sep-21	Utility
352	PORTABLE SOLAR AIR DRYER AND HEATER	Prof. Rajesh Kumar, Ankush Chauhan, Ritesh Verma	202111041916	16-Sep-21	Utility
353	ONION PEEL EXTRACT ENRICHED STARCH COATINGS FOR SHELF LIFE EXTENSION OF CHICKEN PATTIES	Aditi Sharma, Ashok Kumar Pathera, Rahul Thory, Archana Sinhar, Sanjay Yadav	202111041888	16-Sep-21	Utility
354	NOVEL CONSORTIUM OF MORINGA OLEIFERA AND MICROALGAE CHLORELLA PYRENOIDOSA FOR INDUSTRIAL	Parneet Kaur, Saurabh Kulshreshtha, Pradeep Kumar	202111042405	20-Sep-21	Utility
355	Shoolini Weed Wacker	DR. AMIT KUMAR	349747-001	20-Sep-21	Design
356	Light weight heating suit	Prof Rajesh Kumar Sharma	349744-001	20-Sep-21	Design
357	Smart Chair	Prof Rajesh Kumar Sharma	349745-001	20-Sep-21	Design
358	Penscope	Promod Praksh, Dr. Radha, Aryan Sokhta	349942-001	22-Sep-21	Design
359	ADJUSTABLE RESILIENCE WHEEL	Apar Kaushik, Harshit Gupta	349941-001	22-Sep-21	Design
360	Chaff Cutter	Dr. Amit Kumar	349945-001	22-Sep-21	Design
361	GRAPE SEED EXTRACT ENRICHED EDIBLE COATING FOR SHELF-LIFE EXTENSION OF MARINATED CHICKEN LEG	Deeksha, Ashok Kumar Pathera, Rahul Thory, Archana Sinhar, Sanjay Yadav	202111043918	28-Sep-21	Utility
362	A.S.S.S. Modified pickaxe	Dr. Arshdeep Singh, Dr. Shimpy Sarkar	350515-001	04-Oct-21	Design
363	A.A.A.K.S Bird Scarer	Dr. Anurag Kumar, Dr Arshdeep Singh, Dr. Anubhav Kumar	350633-001	04-Oct-21	Design
364	Tea & Milk Pot	Ankit Shukla, Chef Nagendra Yadav, Santosh Kumar	350630-001	04-Oct-21	Design
365	Mishti Seed Sowing Machine	Dr Amit Kumar	350705-001	05-Oct-21	Design
366	Vivaan Crop Harvester	Dr Amit Kumar	351574-001	10-Oct-21	Design
367	Modified Uma Earth Auger	Dr Amit Kumar	351660-001	21-Oct-21	Design
368	Modified Mishti Weeder	Dr Amit Kumar	351661-001	21-Oct-21	Design
369	A.S.S.B. Modified Hand seed drill	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	351662-001	21-Oct-21	Design
370	A.A.S.A. Modified spade	Dr. Anurag Kumar, Dr. Arshdeep Singh, Dr. Sanchit Thakur, Dr. Anubhav Kumar	351663-001	21-Oct-21	Design
371	FLOWER POT WITH ATTACHED WATER STORAGE TANK	Ritesh Verma, Ankush Chauhan	351664-001	21-Oct-21	Design
372	PEN SANITIZER	Mr. Ankush Chauhan, Mr. Ritesh Verma, Dr Dinesh Pathak, Prof. Rajesh Kumar	351665-001	21-Oct-21	Design
373	A PORTABLE WASTE COLLECTOR	Teknamveer Singh	202111048879	26-Oct-21	Utility
374	AROMATIC MARKER	Prof. Rajesh Kumar, Mr. Ankush Chauhan, Mr. Ritesh Verma, Mr. Rahul Kalia, Mr Anand Sharma	352244-001	29-Oct-21	Design
375	Modified Brij Paddy Weeder	Dr Amit Kumar	352245-001	29-Oct-21	Design
376	Hot Air Sterilizer Gun (HAS Gun)	Brij Bhushan Sharma, Kartik Chauhan, Khushali Harish Tank	352246-001	29-Oct-21	Design


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377	Laminar air flow sir (LAF) Helmet	Brij Bhushan Sharma, Kartik Chauhan, Dr. Chandresh Kumari	352247-001	29-Oct-21	Design
378	SMART LAPTOP CHARGER	Dr. Rajesh Kumar, Mr Ritesh Verma, Dr Ankush Chauhan, Mr Rahul Kalia	352248-001	29-Oct-21	Design
379	Thin Layer Chromatography (TLC) Chamber with inert Atmosphere (Nitrogen Gas)	Mr. Sunil Kumar, Dr. Deepak Kumar	352249-001	29-Oct-21	Design
380	Multi-component model for testing behavioral reference and working memory performance in rodents	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	352250-001	29-Oct-21	Design
381	Tripple Solar panel spray pump	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	352251-001	29-Oct-21	Design
382	SEISMIC BEHAVIOR OF CONCRETE STRUCTURE BUILDINGS WITH AND WITHOUT FLUID VISCOUS DAMPERS	Ravi Kant Thakur, Mohindra Singh Thakur, VIVIDHA GURUNG, Dr Vinay Negi	202111050996	08-Nov-21	Utility
383	Activity Wheel Maze for Rat	Shoolini University, Deepak Kumar, Rohit Goyal	352839-001	10-Nov-21	Design
384	Activity Wheel Maze for Mice	Shoolini University, Deepak Kumar, Rohit Goyal	352840-001	10-Nov-21	Design
385	Ultra SEC Printer	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	352841-001	10-Nov-21	Design
386	Multi-component behaviour model for studying memory and spatial learning in rodents	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	352842-001	10-Nov-21	Design
387	Multi-component screening model for evaluating spatial learning and memory in rodents	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	352843-001	10-Nov-21	Design
388	Solar-powered magnetic stirrer with hot plate for the synthesis of compounds	Mr. Sunil Kumar, Dr. Deepak Kumar	352848-001	10-Nov-21	Design
389	Solar Powered Water Bath with Mechanical Support for Reflux Condensation Reactions	Mr. Sunil Kumar, Dr. Deepak Kumar	352849-001	10-Nov-21	Design
390	A SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM CALLISTEMON	Riya Bhattacharya, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202111051986	12-Nov-21	Utility
391	A CONTAINER FOR CARRYING LIQUID	SHOOLINI, Radhika Aggarwal	202111047294	18-Oct-21	Utility
392	The Compact Rehri	Shoolini University, Shravya Chhabra	352838-001	10-Nov-21	Design
393	A System to Control and Monitor Irrigation of Crops	Brij Bhushan Sharma, Ravinder Kumar, Pankaj Vaidya	202111052052	12-Nov-21	Utility
394	Process to Fabricate Gold Nanoparticles	Diksha Pathania, Sonu, Dr. Mamta Sharma	202111052051	12-Nov-21	Utility
395	GINGER AND GARLIC EXTRACT ENRICHED EDIBLE COATING FOR ENHANCING SHELF LIFE OF CHICKEN BREAST	Anchal Parmar, Rahul Thory, Archana Sinhamar, Ashok Kumar Pathera, Maninder Kaur	202111052573	12-Nov-21	Utility
396	METHOD FOR EXTRACTING ALKALOID FROM LEAVES OF QUERCUS LEUCOTRICHOPHORA A. CAMUS	Suraj Prakash, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir, Neeraj Kumari	202111052463	16-Nov-21	Utility
397	Tea & Coffee Pot	Chef Nagendra Yadav, Ankit Shukla	353107-001	11-Nov-21	Design
398	Attachable Service Gear	Chef Nagendra Yadav, Ankit Shukla	353106-001	15-Nov-21	Design
399	HUMAN POWERED HARVESTER CUM FLOURMILL	Sushil Kumar, Nitisha Sharma, Akarsh Sharma, Pawan Sharma, Ashwani Sharma	353105-001	11-Nov-21	Design
400	Process to Fabricate Silver Nanoparticles	Diksha Pathania, Sonu, Dr. Mamta Sharma	202111052053	12-Nov-21	Utility
401	Detoxification Box	Shoolini University, Deepshikha Thakur, Dr. Mala Tripathi, Dr. Subodh Saurabh Singh, Mr. Gagan Thakur, Bhawna	347956-001	16-Nov-21	Design
402	Portable water purifier	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar, Rahul Kalia, Garima Rana	353307-001	17-Nov-21	Design
403	Having brush with attached shaving cream tube	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar, Rahul Kalia	353308-001	17-Nov-21	Design
404	Tooth brush with toothpaste tablets	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar, Rahul Kalia, Anand Sharma	353309-001	17-Nov-21	Design
405	FAN	Shoolini University, Dr Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar	353310-001	17-Nov-21	Design
406	Immersion probe chiller with an ice bath for the synthesis of compounds	Mr. Sunil Kumar, Dr. Deepak Kumar	353306-001	17-Nov-21	Design
407	Multi-component model for testing antidepressant activity in rodents	Shoolini University, 2. Arun Kumar, 3. Monu Kumar Shukla, 4. Dr. Deepak Kumar	353312-001	17-Nov-21	Design
408	A NOVEL POLYHERBAL PREPARATION (POL-6) FOR THE TREATMENT OF ALCOHOL WITHDRAWAL SYMPTOMS	Dr. Lalit Sharma, Dr. Aditi Sharma, Dr. Girdhari Lal Gupta, Dr. Gopal Singh Bisht	202111054443	19-Nov-21	Utility
409	DEEP BREATH INDICATOR	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111054505	25-Nov-21	Utility
410	INNOVATIVE STOVE STAND	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111054616	25-Nov-21	Utility
411	PINE NUT SHELLING DEVICE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111054615	25-Nov-21	Utility
412	SHOES PROTECTOR	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111054614	25-Nov-21	Utility
413	PORTABLE CPR VENTILATION MACHINE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111054014	23-Nov-21	Utility
414	AUTO - SHOE CLEANER	Sushil Kumar, Shivanya Thakur, Abhay Sharma Sonia Kumari, Sakshi Guleria	202111053973	23-Nov-21	Utility
415	A Process to Treat Seeds of Vigna Unguiculata (L.) to enhance its potential	Himani Pathania, Priyanka Chauhan, Dr. Mamta Sharma	202111054819	26-Nov-21	Utility
416	A NOVEL POLYHERBAL PREPARATION (POL-6) FOR THE TREATMENT OF ALCOHOL WITHDRAWAL SYMPTOMS	Dr. Lalit Sharma, Dr. Aditi Sharma, Dr. Girdhari, Lal Gupta, Dr. Gopal Singh Bisht	202111054815	26-Nov-21	Utility
417	BULB FITTING DEVICE	Ritika Rana, Sorabh Aggarwal, Dr. Raj Kumar	202111054817	26-Nov-21	Utility
418	SYSTEM AND METHOD FOR MEASURING QUALITY OF SOI	Brij Bhushan Sharma, Pankaj Vaidya	202111054816	26-Nov-21	Utility

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419	MODIFIED INSECT LIGHT TRAP	Dr. Arshdeep Singh, Dr. Shimpy Sarkar ,AbineshRaj	202111055839	02-Dec-21	Utility
420	ASSISTIVE DEVICE FOR DISABLED ANIMALS	Sushil Kumar,Raj Kumar,Mohan Singh, Lal Singh,Chetan Chauhan,Rakesh Kumar,Dinesh Kashyap,Vijay Kumar	202111055840	03-Dec-21	utility
421	Adjustable Dining Table with Cutlery Drawers	Chef Nagendra Yadav ,Ankit Shukla ,Harshit Gupta ,Santosh Kumar ,Pratip Mazumdar	350347-001	29-Sep-21	Design
422	SEISMOLOGICAL DATA ANALYSIS AND PREDICTION MODEL FOR EARTHQUAKE PRONE AREAS	Anurag Rana, Dr. Pankaj Vaidya,Dr. Gaurav Gupta,	202111056415	06-Dec-21	Utility
423	Distilled Water Unit	Dr. Amit Kumar	354434-001	07-Dec-21	Design
424	Power Brush Wacker	Dr. Amit Kumar	354435-001	07-Dec-21	Design
425	Multifunction cell lines compatible storage box for the synthesized compounds with a digital console	Mr. Sunil Kumar ,Dr. Deepak Kumar	354466-001	07-Dec-21	Design
426	VGA-supported digital boiling point instrument for the identification of boiling point	Mr. Sunil Kumar ,Dr. Deepak Kumar ,Dr. Sadanand Pandey	354465-001	07-Dec-21	Design
427	VGA-supported double beam mini-UV cabinet for thin-layer (TLC)chromatography analysis	Mr. Sunil Kumar ,Dr. Deepak Kumar	354464-001	07-Dec-21	Design
428	Digital melting point instrument with VGA support for the identification of melting point	Mr. Sunil Kumar ,Mr. Vivek Panwar ,Dr. Gururaj Kudur Jayprakash,Dr. Deepak Kumar	354467-001	07-Dec-21	Design
429	High-performance nitrogen (N) supported vacuum filtration assembly for the collection of	Mr. Sunil Kumar ,Mr. Monu Kumar Shukla ,Dr. Deepak Kumar	354445-001	07-Dec-21	Design
430	Glassware weighing balance with multipurpose holder	Mr. Sunil Kumar ,Mr. Vivek Panwar ,Dr. Gururaj Kudur Jayprakash,Dr. Deepak Kumar	354444-001	07-Dec-21	Design
431	Multipurpose Model for weighing and testing ant analgesic activity in rodents	Mr. Monu Kumar ,Dr. Sadanand Pandey ,Dr. Deepak Kumar,	354437-001	07-Dec-21	Design
432	Magnetic Insect Stretching box	Dr. Arshdeep Singh,Dr. Sanchit Thakur,Dr. Shimpy Sarkar	354436-001	07-Dec-21	Design
433	Portable Green Air Purifier	Kanika Arora, Dr. Pradeep Kumar, Dr. Souarbh Kulshrestha	354513-001	08-Dec-21	Design
434	Smart stick for visually impaired people	Dr. Kamal Dev, Dr. Anuradha Sourirajan,	354512-001	08-Dec-21	Design
435	MULTI-COMPONENT MODEL FOR TESTING DEPRESSIONRELATED BEHAVIOR IN RODENTS	Dr. Lalit Sharma,Dr. Deepak Kumar,Sushil Kumar,Dr. Aditi Sharma	202111057071	08-Dec-21	Utility
436	MULTI-COMPONENT MODEL FOR TESTING ANXIETY RELATED BEHAVIOR IN RODENTS	Dr. Lalit Sharma,Dr. Deepak Kumar,Sushil Kumar,Dr. Aditi Sharma	202111057073	08-Dec-21	Utility
437	AN ULTRAVIOLET STERILIZER	Vivaan Anand, Dr. Kamal Dev, Sushil Kumar	202111057072	08-Dec-21	Utility
438	AUTOMATIC ANIMAL & BIRD REPELLENT	Sushil Kumar,Sonia Kumari,Sakshi Guleria,Raj Kumar	354582-001	09-Dec-21	Design
439	Eco Friendly Multiuse Basket	Niharika Sharma ,Dr. Radha, Ashok Pundir,Suraj Prakash,Suraj Prakash	354580-001	09-Dec-21	Design
440	Rox Ergom	Niharika Sharma ,Dr. Radha, Prof. Sunil Puri,Dr. Manoj Kumar,Ashok Pundir	354581-001	09-Dec-21	Design
441	FOLDABLE CARDIOPULMONARY RESUSCITATION (CPR) VENTILATION DEVICE	Sushil Kumar,Shivanya Thakur ,Sonia Kumari ,Sakshi Guleria	202111057825	13-Dec-21	Utility
442	Non-Freezing Pipe	Pramod Prakash,Mr. Abhinash,Aryan Sokhta	354826-001	13-Dec-21	Design
443	High Precision Plethysmograph	Deepak Kumar,Rohit Kumar,Dr. Rohit Goyal,	354822-001	13-Dec-21	Design
444	NETRAM	Pramod Prakash,Mr. Abhinash,Aryan Sokhta	354825-001	13-Dec-21	Design
445	Shoolini Winter Bees Happy House	Dr. Arshdeep Singh,Dr. Anurag Kumar,Dr. Sanchit Thakur, Dr. Shimpy Sarkar	354821-001	13-Dec-21	Design
446	Power Honey Extractor	Dr Amit Kumar	354823-001	13-Dec-21	Design
447	THE BIOELECTRICITY PRODUCTION PLANT "	Pramod Prakash,Mr. Abhinash,Aryan Sokhta	354824-001	13-Dec-21	Design
448	METHOD AND COMPOSITION OF NUTRIENTS TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN SPINACIA	Shriya , Dr. Mamta Sharma	202111057992	13-Dec-21	Utility
449	POLYHERBAL PREPARATION FOR THE TREATMENT OF POST-MENOPAUSAL OSTEOPOROSIS	Dr. Aditi Sharma, Mr. Vijay Anand,Dr. Lalit Sharma	202111057988	13-Dec-21	Utility
450	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya Dr. Mamta Sharma	202111057989	13-Dec-21	Utility
451	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya Dr. Mamta Sharma	202111057990	13-Dec-21	Utility
452	METHOD AND COMPOSITION OF NUTRIENTS TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN SPINACIA	Shriya,Diksha Pathania ,Dr. Mamta Sharma	202111057991	13-Dec-21	Utility
453	MULTIFUNCTIONAL TROWEL	Sushil Kumar,Shivanya Thakur ,Sonia Kumari ,Sakshi Guleria	202111058096	14-Dec-21	Utility
454	ELECTROCHEMICAL ANTIBODY BASED BIOSENSOR FOR THE DETECTION OF COLISTIN DRUG IN CHICKEN MEAT	Harsh Kumar, Dinesh Kumar	202111058097	14-Dec-21	Utility
455	DVANCED SOLAR CUM WIND TURBINE	Sushil Kumar,Shivanya Thakur, Sonia Kumari ,Sakshi Guleria	202111058095	14-Dec-21	Utility
456	AUTO WATERING POT	Sushil Kumar,Shivanya Thakur, Sonia Kumari ,Sakshi Guleria	202111058148	14-Dec-21	Utility
457	Power Water Pump	Dr Amit Kumar	354887-001	14-Dec-21	Design
458	Apple Harvester	Dr. Kamal Dev, Dr. Anuradha Sourirajan	354883-001	14-Dec-21	Design
459	SYSTEM AND METHOD FOR PROVIDING PRE-HOSPITAL HEALTH CARE TO PATIENTS IN CASE OF MEDICAL	Neeraj Kumari	202111058210	14-Dec-21	Utility
460	SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM HYPERICUM OBLONGIFOLIUM	Ms. Riya Bhattacharya, Ms. Vijay Laxmi, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202111058209	14-Dec-21	Utility


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461	MANIFOLD TUBE STAND	Ashok Pundir, Dr. Radha, Kamlesh, Dr. Manoj Kumar	354888-001	14-Dec-21	Design
462	Flexible Basket	Neeraj Kumari, Dr. Radha, Ashok Pundir, Niharika Sharma,	354886-001	14-Dec-21	Design
463	Biodegradable Mat	Niharika Sharma, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir, Daljeet Singh	354885-001	14-Dec-21	Design
464	DINING FLASKET	Ashok Pundir, Dr. Radha, Kamlesh, Dr. Manoj Kumar, Kumari Baweja Devi	354884-001	14-Dec-21	Design
465	NEW CHAIR WITH SENSOR TECHNOLOGY	Kamlesh, Ashok Pundir, Dr. Radha, Kumari Baweja, Daljeet Singh	354881-001	14-Dec-21	Design
466	MULTIPLE DRAWERS CUPBOARD	Kamlesh, Dr. Radha, Neeraj Kumari, Ashok Pundir, Niharika Sharma	354882-001	14-Dec-21	Design
467	Burner Burrett Stand	Ashok Pundir, Dr. Radha, Kamlesh, Dr. Manoj Kumar, Kumari Baweja Devi	354880-001	14-Dec-21	Design
468	ADJUSTABLE LAPTOP STAND	Harshit Gupta, Dr. Raj Kumar, Sorabh Aggarwal, Sashank Thapa, Dr. Bhaskar Goel	202111058389	15-Dec-21	Utility
469	ECOFRIENDLY WATER COOLER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria, Naresh Kumar	202111058392	15-Dec-21	Utility
470	HYGIENIC TOILET FOOT PEDAL SYSTEM	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria, Naresh Kumar	202111058391	15-Dec-21	Utility
471	ECOFRIENDLY URINAL	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111058393	15-Dec-21	Utility
472	HEAT EXCHANGER STOVE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	202111058390	15-Dec-21	Utility
473	EVALUATION OF GROWTH HORMONES APPLICATION ON <i>Cassia tora</i> L. SEEDS TO ALLEVIATE DROUGHT STRESS	Himani Pathania, Ms. Priyanka Chauhan, Dr. Mamta Sharma	202111058512	15-Dec-21	Utility
474	EVALUATION OF NUTRIENTS APPLICATION ON <i>CASSIA TORA</i> L. SEEDS TO ALLEVIATE DROUGHT STRESS	Himani Pathania, Ms. Priyanka Chauhan, Dr. Mamta Sharma	202111058513	15-Dec-21	Utility
475	Smart water storage tank with pressure gauge to know the water level	Dr. Kamal Dev, Dr. Anuradha Sourirajan	355394-001	13-Dec-21	Design
476	Herbiflora analyser	Suraj Prakash, Dr. Radha, Niharika Sharma	355395-001	13-Dec-21	Design
477	GREEN SYNTHESIS, CHARACTERIZATION, AND BIOACTIVITIES OF ZINC OXIDE NANOPARTICLES USING	Ritika Thakur, Himani Pathania, Priyanka Chauhan, Dr. Mamta Sharma	202111060877	27-Dec-21	Utility
478	PORTABLE GREEN ROOM AIR PURIFIER	Kanika Arora, Dr. Pradeep Kumar, Dr. Sourabh Kulshrestha	202111061092	27-Dec-21	Utility
479	Treatment Process to Enhance Potential of <i>Vigna Unguiculata</i> (L.) Seeds	Dr. Mamta Sharma, Himani Pathania, Priyanka Chauhan	202111060657	24-Dec-21	Utility
480	p H maintainer	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar, Mr. Rahul Kalra, Mr. Anand Sharma	353311-001	17-Nov-21	Design
481	INSECT COLLECTION BOX	Dr. Amit Kumar, Abhinav Raj VM	202211000160	03-Jan-22	Utility
482	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000159	03-Jan-22	Utility
483	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000286	04-Jan-22	Utility
484	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000282	04-Jan-22	Utility
485	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000281	04-Jan-22	Utility
486	METHOD AND COMPOSITION OF HORMONES TO ENHANCE LOW TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000289	04-Jan-22	Utility
487	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000287	04-Jan-22	Utility
488	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000285	04-Jan-22	Utility
489	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000284	04-Jan-22	Utility
490	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000288	04-Jan-22	Utility
491	METHOD AND COMPOSITION OF HORMONES TO ENHANCE HIGH TEMPERATURE STRESS TOLERANCE IN	Shriya, Dr. Mamta Sharma	202211000283	04-Jan-22	Utility
492	METHOD FOR EXTRACTION OF SAPONINS FROM LEAVES OF <i>JUSTICIA ADHATODA</i> L.	Mehak Jamwal, Prof. Sunil Puri, Dr. Radha, Shalini Sharma, Ashok Pundir	202211001927	11-Jan-22	Utility
493	METHOD FOR EXTRACTION OF SAPONINS FROM LEAVES OF <i>JUSTICIA ADHATODA</i> L.	Mehak Jamwal, Prof. Sunil Puri, Dr. Radha, Shalini Sharma, Ashok Pundir	202211001927	13-Jan-22	Utility
494	METHOD FOR SEPARATING PHENOL FROM LEAVES OF <i>QUERCUS SEMECARPIFOLIA</i> SM.	Shalini Sharma, Prof. Sunil Puri, Dr. Radha, Mehak Jamwal, Ashok Pundir, Niharika Sharma	202211001926	13-Jan-22	Utility
495	METHOD FOR EXTRACTION OF FLAVANOID FROM LEAVES OF <i>JUSTICIA ADHATODA</i> L.	Shalini Sharma, Prof. Sunil Puri, Dr. Radha, Mehak Jamwal, Ashok Pundir, Niharika Sharma	202211001924	13-Jan-22	Utility
496	METHOD FOR SEPARATING TANNIN FROM LEAVES OF <i>QUERCUS SEMECARPIFOLIA</i> SM.	Shalini Sharma, Prof. Sunil Puri, Dr. Radha, Mehak Jamwal, Ashok Pundir, Neeraj Kumari	202211001925	13-Jan-22	Utility
497	METHOD FOR PREPARING SWEET FROM EASILY AVAILABLE HOME PRODUCTS	Kamlesh, Dr. Radha, Kumari Baweja, Ashok Pundir, Niharika, Neeraj Kumari	202211001923	13-Jan-22	Utility
498	METHOD FOR PREPARING SOUP FROM MEDICINAL HERBS	Kamlesh, Dr. Radha, Ashok Pundir, Diljeet, Neeraj Kumari	202211001922	13-Jan-22	Utility
499	METHOD FOR PREPARING DESSERT FROM NATURAL INGREDIENTS	Kamlesh, Dr. Radha, Ashok Pundir, Suraj Prakash, Neeraj Kumari	202211002292	14-Jan-22	Utility
500	MODIFIED UMA EARTH AUGER	Dr. Amit Kumar	202211004275	25-Jan-22	Utility
501	ROLLER FLOOR CLEANER	Harshit Gupta Sorabh Aggarwal	202211004280	25-Jan-22	Utility
502	WEED WACKER	Dr. Amit Kumar	202211004279	25-Jan-22	Utility


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503	VIVAAN CROP HARVESTER	Dr. Amit Kumar	202211004278	25-Jan-22	Utility
504	RESILIENCE WHEEL	Apar Kaushik, Harshit Gupta		25-Jan-22	Utility
505	WATER BOTTLE WITH MECHANICAL HEATING	Dr. Rajesh Kumar, Ritesh Verma, Ankush Chauhan, Rahul Kalia	202211004276	25-Jan-22	Utility
506	AUTOMATIC ADJUSTABLE SMART CHAIR	Dr. Rajesh Kumar, Rahul Kalia, Ankush Chauhan, Ritesh Verma	202211004439	27-Jan-22	Utility
507	ADJUSTABLE RESILIENCE WHEEL	Apar Kaushik, Harshit Gupta	202211004440	27-Jan-22	Utility
508	LIGHT WEIGHT HEATING SUIT	Prof. Rajesh Kumar, Rahul Kalia, Ankush Chauhan, Ritesh Verma, Dr. Pawan Kumar	202211004441	27-Jan-22	Utility
509	AUTONOMIZED LPG CYLINDER	Dr. Kamal Dev, Dr. Anuradha Souriraja, Sorabh Aggarwal	202211004442	27-Jan-22	Utility
510	MODIFIED PORTABLE WEEDER	Amit Kumar	202211004443	27-Jan-22	Utility
511	Modular Yog Assan Equipment	Apar Kaushik, Harshit Gupta, Ritika Rana, Anshula Grover, Shivam Mehra	357399-001	27-Jan-22	Design
512	Vortex shaker with magnetic stirrer with hot plate	Kamlesh, Dr. Radha, Ashok Pundir	357400-001	27-Jan-22	Design
513	Test Tube Stand With two Accessories holders	Kamlesh, Dr. Radha, Ashok Pundir	357401-001	27-Jan-22	Design
514	Solar electric power generator	Harshit Gupta, Ritika Rana, Sorabh Aggarwal, Sashank Thapa	357402-001	27-Jan-22	Design
515	Multipurpose model for testing antianxiety effect and motor coordination in rodents	Arun Kumar, Dr. Deepak Kumar, Dr. Jay Singh	357403-001	27-Jan-22	Design
516	Tub-mini-Washing Pillar	Anshula Grover, Shivam Mehra, Ritika Rana, Harshit Gupta	357404-001	27-Jan-22	Design
517	Mini- Washer	Ritika Rana, Harshit Gupta, Shivam Kohli, Anshula Grover	357405-001	27-Jan-22	Design
518	Digital pH meter with VGA and USB support for the identification of pH	Sunil Kumar, Dr. Sadanand Pandey, Dr. Deepak Kumar	357406-001	27-Jan-22	Design
519	Biodegradable Grewia optiva J.R. Drumm. ex Burret mat	Kamlesh, Dr. Radha, Ashok Pundir	357407-001	27-Jan-22	Design
520	Biodegradable multiuse dustbin	Kamlesh, Dr. Radha, Ashok Pundir	357408-001	27-Jan-22	Design
521	Mirror Fog Sensor	Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Rahul Kalia	357409-001	27-Jan-22	Design
522	Belt With Stun Gun	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	357410-001	27-Jan-22	Design
523	Solar Light With Charging capability	Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	357415-001	27-Jan-22	Design
524	MODIFIED SPADE TOOL	Dr. Anurag Kumar, Dr. Arshdeep Singh, Dr. Sanchit Thakur, Dr. Anubhav Kumar	202211005070	31-Jan-22	Utility
525	BAR COUNTER SPOON	Chef Nagendra Yadav, Mr. Ankit Shukla, Mr. Harshit Gupta, Mr. Santosh Kumar, Mr. Pratip Mazumdar	202211005069	31-Jan-22	Utility
526	MODIFIED FLOWERPOT	Dr. Rajesh Kumar, Mr. Ritesh Verma, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211005072	31-Jan-22	Utility
527	MODIFIED HAND SEED DRILL	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	202211005071	31-Jan-22	Utility
528	Measuring Tape	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	357471-001	28-Jan-22	Design
529	TO FIND MY SPECS	Dr. Ritesh Verma, Dr. Ankush Chauhan, Prof. Rajesh Kumar	357473-001	28-Jan-22	Design
530	ENGINE OIL COLLECTOR	Sushil Kumar, Akarsh Sharma, Robin Thakur, Sunil Kumar, Raj Kumar Saini, Nitisha Sharma	357469-001	28-Jan-22	Design
531	Health Vest	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	357470-001	28-Jan-22	Design
532	Multipurpose model for anti-inflammatory and analgesic activities	Arun Kumar, Dr. Deepak Kumar, Dr. Deepak Kumar	357472-001	28-Jan-22	Design
533	SEED SOWING MACHINE	Dr. Amit Kumar	202211005876	03-Feb-22	Utility
534	CHAFF CUTTER	Dr. Amit Kumar	202211005877	03-Feb-22	Utility
535	AUTO HEATING SOCKS	Pramod Prakash, Abhinash, Dr. Reshma Sinha	358072-001	08-Feb-22	Design
536	LAPTOP STAND ATTACHED OFFICE TABLE	Dr. Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	358073-001	08-Feb-22	Design
537	Auto Heating Gloves	Pramod Prakash, Abhinash, Dr. Reshma Sinha	358075-001	08-Feb-22	Design
538	BATTERY CHARGER ROOF	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358071-001	08-Feb-22	Design
539	PLANT'S BANDAID	Pramod Prakash	358069-001	08-Feb-22	Design
540	PORTABLE ROD BENDING MACHINE	Ritika Rana, Harshit Gupta, Sashank Thapa	358070-001	08-Feb-22	Design
541	PRESSURE FLOW BEEHIVE	Pramod Prakash	358067-001	08-Feb-22	Design
542	THRESHER DUSTBIN	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358074-001	08-Feb-22	Design
543	MOVABLE BARBEQUE	Ritika Rana, Harshit Gupta, Sashank Thapa	358066-001	08-Feb-22	Design
544	ORGANIC ANTIMICROBIAL MASK	Pramod Prakash	358068-001	08-Feb-22	Design


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545	MANUAL HAND WHEEL WEEDER	Pawan, Harshit Gupta	358577-001	15-Feb-22	Design
546	SOLAR POWERED PORTABLE WEIGHING MACHINE FOR ONSITE SAMPLE ANALYSIS IN THE FIELD TRIALS	Dr. Kamal Dev, Dr. Anuradha Sourirajan	358578-001	15-Feb-22	Design
547	FOREST FIRE EXTINGUISHER	Pramod Prakash, Dr. Reshma Sinha	358575-001	15-Feb-22	Design
548	AUTO-GRAFTING SHEAR	Pramod Prakash	358576-001	15-Feb-22	Design
549	ANIMAL PROTECTION ELECTRIC COLLAR	Sushil Kumar, Shivanya Thakur, Akarsh Sharma, Naresh Kumar	358574-001	15-Feb-22	Design
550	Blind man stick	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358493-001	14-Feb-22	Design
551	CHULENETOR	Pramod Prakash	358494-001	14-Feb-22	Design
552	Adjustable Dining Table with Cutlery Drawers for two persons	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar, Dr Pranshu Chomplay	358495-001	14-Feb-22	Design
553	Document file Tracker	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358496-001	14-Feb-22	Design
554	HAMMER CUM SCREW	Mr. Rahul Kalia, Prof. Rajesh Kumar, Dr. Ritesh Verma, Dr. Ankush Chauhan	358497-001	14-Feb-22	Design
555	WIRELESS CUM WIRED LAPTOP MOUSE	Dr. Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	358498-001	14-Feb-22	Design
556	Nose mask	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358499-001	14-Feb-22	Design
557	Remote finder	Dr. Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	358500-001	14-Feb-22	Design
558	SPECTACLES WITH KNIFE	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358502-001	14-Feb-22	Design
559	Recyclable Water Closet	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar, Dr Pranshu Chomplay	358589-001	15-Feb-22	Design
560	LOCK	Anshula Grover, Shivam Mehra, Harshit Gupta, Ritika Rana.	358591-001	15-Feb-22	Design
561	MINI CONCRETE ELECTRIC MIXER CUM SMOOTHING MACHINE	Sushil Kumar, Abhay Sharma, Kamal Kashyap, Vikas Mehta, Privanka, Avtar Singh.	358592-001	15-Feb-22	Design
562	SHOOLINI POT	Amit Kumar	358594-001	15-Feb-22	Design
563	POLLUTION SENSOR	Mr. Rahul Kalia, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Dr. Ritesh Verma	358596-001	15-Feb-22	Design
564	SOLAR CREMATION MACHINE	Dr. Ankush Chauhan Prof. Rajesh Kumar, Dr. Ritesh Verma	358597-001	15-Feb-22	Design
565	CARRIAGE LIFTER	Ritika Rana, Harshit Gupta, Shivam Mehra, Anshula Grover	358590-001	16-Feb-22	Design
566	SOLAR POWERED DIGITAL WEIGHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	358595-001	15-Feb-22	Design
567	SMART UTENSILS	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358501-001	14-Feb-22	Design
568	MULTIFUNCTION COMPATIBLE CELL LINES STORAGE BOX	Mr. Sunil Kumar, Dr. Deepak Kumar	202211010914	01-Mar-22	Utility
569	DIGITAL MELTING POINT INSTRUMENT FOR IDENTIFICATION OF MELTING POINT	Mr. Sunil Kumar, Mr. Vivek Panwar, Dr. Gururaj Kudur Jayprakash, Dr. Deepak Kumar	202211010913	01-Mar-22	Utility
570	ADJUSTABLE DINING TABLE	Chef Nagendra Yadav, Ankit Shukla, Harshit Gupta, Santosh Kumar, Pratip Mazumdar	202211010916	01-Mar-22	Utility
571	GLASSWARE WEIGHING APPARATUS	Mr. Sunil Kumar, Dr. Gururaj Kudur Jayprakash, Dr. Deepak Kumar	202211010919	01-Mar-22	Utility
572	A HOT AIR STERILIZER GUN	Dr. Arshdeep Singh, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	202211010918	01-Mar-22	Utility
573	MODIFIED PADDY WEEDER	Dr. Amit Kumar	202211010917	01-Mar-22	Utility
574	SMART LAPTOP CHARGER	Dr. Rajesh Kumar, Mr. Ritesh Verma, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211010915	01-Mar-22	Utility
575	ADJUSTABLE HARVESTING DEVICE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211011750	04-Mar-22	Utility
576	DISTILLED WATER UNIT	Dr. Amit Kumar	202211011751	04-Mar-22	Utility
577	PORTABLE WATER PURIFIER	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof., Rajesh Kumar, Rahul Kalia, Garima Rana	202211011752	04-Mar-22	Utility
578	POWER WEED WACKER	Dr. Amit Kumar	202211011748	04-Mar-22	Utility
579	ULTRA-SECURE PRINTER	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	202211011749	04-Mar-22	Utility
580	A PORTABLE CART	Shravya Chhabra	202211011867	04-Mar-22	Utility
581	ACTIVITY WHEEL MAZE SYSTEM	Deepak Kumar, Dr. Rohit Goyal	202211011866	04-Mar-22	Utility
582	ROX BROOM	Niharika Sharma, Dr. Radha, Prof. Sunil Puri, Manoj Kumr, Ashok Pundir	202211011868	04-Mar-22	Utility
583	SOLAR-POWERED MAGNETIC STIRRER SYSTEM	Mr. Sunil Kumar Dr. Deepak Kumar	202211011865	04-Mar-22	Utility
584	TEA AND COFFEE POT	Chef Nagendra Yadav, Ankit Shukla	202211011869	04-Mar-22	Utility
585	A Heterojunction Nanocomposites and a Process for Synthesizing Thereof	Rohit negi, Pardeep Singh	202211011260	02-Mar-22	Utility
586	CuWO ₄ / NiFe S-scheme Heterojunction Photocatalyst	Pooja Shandil, Rohit Sharma	202211011259	02-Mar-22	Utility


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587	Cu ₂ O/WO ₃ Heterojunction Nanocomposite and a Process for Synthesizing Thereof	Pooja Shandilya	202211009281	02-Mar-22	Utility
588	A Composition of Nanofiber Mat to Make a Biodegradable Mask and Process for Preparation Thereof	Dr. Mamta Shandilya	202211009280	02-Mar-22	Utility
589	HUMAN POWERED HARVESTER CUM FLOURMILL SYSTEM	Mr. Sushil Kumar, Ms. Nitisha Sharma, Mr. Akarsh Sharma, Mr. Pawan Sharma, Mr. Ashwani Sharma	202211012475	08-Mar-22	Utility
590	MULTI-COMPONENT BEHAVIOUR STUDYING APPARATUS FOR STUDYING MEMORY AND SPATIAL LEARNING IN	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	202211012473	08-Mar-22	Utility
591	A VACUUM FILTRATION APPARATUS	Sunil Kumar, Monu Kumar Shukla, Dr. Deepak Kumar	202211012476	08-Mar-22	Utility
592	AN INSECT STRETCHING BOX	Dr. Arshdeep Singh, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	202211012474	08-Mar-22	Utility
593	A BIOELECTRICITY PLANT	Pramod Prakash, Aryan Sokhta	202211012472	08-Mar-22	Utility
594	AGARBATTI CUM MATCH BOX	Prof. Rajesh Kumar, Dr. Ritesh Verma, Dr. Ankush Chauhan, Mr. Rahul Kalia	360170-001	09-Mar-22	Design
595	BRIJ RICE TRANSPLANTOR	Dr. Amit Kumar	360172-001	09-Mar-22	Design
596	SOLAR POWERED SPRAYER	Dr. Amit Kumar	360174-001	09-Mar-22	Design
597	Kitchen Sponge Wipe with Scrubber Pad	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar, Vaibhav Verma, Ishan Bakshi	360173-001	09-Mar-22	Design
598	Attachable Sugar Cabinet with Tea Glass Holder	Ankit Shukla, CHEF Nagendra Yadav, Pratip Mazumdar, Vaibhav Verma, Dr. Mahesh Uniyal, Dr. Suresh	360171-001	09-Mar-22	Design
599	DETOXIFICATION BOX	Deepshikha Thakur, Dr. Mala Tripathi, Dr. Subodh, Saurabh Singh, Mr. Gagan Thakur, Bhawna	202211013151	10-Mar-22	Utility
600	SMART STICK	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211013154	10-Mar-22	Utility
601	TOOTHBRUSH WITH TOOTHPASTE TABLETS	Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Sharma, Rahul Kalia, Anand Sharma	202211013152	10-Mar-22	Utility
602	TRIPLE SOLAR PANEL BASED SPRAY PUMP SYSTEM	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	202211013155	10-Mar-22	Utility
603	VGA SUPPORTED DIGITAL BOILING POINT APPARATUS	Sunil Kumar, Dr. Sadanand Pandey, Dr. Deepak Kumar	202211013153	10-Mar-22	Utility
604	WINTER BEES HOUSE	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchi Thakur, Dr. Shimpy Sarkar	202211013150	10-Mar-22	Utility
605	ACTIVITY WHEEL-MAZE SYSTEM FOR RAT	Deepak Kumar, Dr. Rohit Goyal	202211013837	14-Mar-22	Utility
606	AROMATIC MARKER	Prof. Rajesh Kumar, Mr. Ankush Chauhan, Mr. Ritesh Verma, Mr. Rahul Kalia, Mr. Anand Sharma	202211013834	14-Mar-22	Utility
607	LAMINAR AIR FLOW HELMET	Brij Bhushan Sharma, Kartik Chauhan, Dr. Chandresh Kumari	202211013835	14-Mar-22	Utility
608	MULTI-COMPONENT DEVICE FOR EVALUATING SPATIAL LEARNING AND MEMORY IN RODENTS	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	202211013833	14-Mar-22	Utility
609	NON-FREEZING PIPE	Pramod Prakash, Mr. Abhinash, Aryan Sokhta	202211013836	14-Mar-22	Utility
610	SOLAR POWERED REFLUX CONDENSATION REACTION APPARATUS	Sunil Kumar, Dr. Deepak Kumar	202211013838	14-Mar-22	Utility
611	HIGH PRECISION PLETHYSMOGRAPH B963:F969	Mr. Deepak Kumar, Mr. Rohit Kumar Nadda, Dr. Rohit Goyal	202211014200	16-Mar-22	Utility
612	MULTI-COMPONENT DEVICE FOR TESTING BEHAVIOURAL REFERENCE AND WORKING MEMORY PERFORMANCE IN AN APPARATUS FOR TESTING ANTIDEPRESSANT ACTIVITY IN RODENTS	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	202211014195	16-Mar-22	Utility
613	AN APPARATUS FOR TESTING ANTIDEPRESSANT ACTIVITY IN RODENTS	Arun Kumar, Monu Kumar Shukla, Dr. Deepak Kumar	202211014201	16-Mar-22	Utility
614	AN APPARATUS FOR WEIGHING AND TESTING ANTI-ANALGESIC ACTIVITY IN RODENTS	Monu Kumar Shukla, Dr. Sadanand Pandey, Dr. Deepak Kumar	202211014199	16-Mar-22	Utility
615	OBJECT SENSING DEVICE	Mr. Pramod Prakash, Mr. Aryan Sokhta	202211014197	16-Mar-22	Utility
616	PORTABLE GREEN AIR PURIFIER	Kanika Arora, Dr. Pradeep Kumar, Dr. Souarbh Kulshrestha	202211014198	16-Mar-22	Utility
617	POWER WATER PUMP SYSTEM	Dr. Amit Kumar	202211014196	16-Mar-22	Utility
618	ACTIVITY WHEEL-MAZE SYSTEM	Deepak Kumar, Dr. Rohit Goyal	202213014788	17-Mar-22	Utility
619	AN AUTOMATIC ANIMAL AND BIRD REPELLANT APPARATUS	Sushil Kumar, Sonia Kumari, Sakshi Guleria, Raj Kumar	202211014790	16-Mar-22	Utility
620	ECO-FRIENDLY MULTIUSE BASKET AND METHOD FOR PREPARATION OF SAME	Niharika Sharma, Dr. Radha, Ashok Pundir, Suraj Prakash, Neeraj Kumari	202211014786	17-Mar-22	Utility
621	HONEY EXTRACTOR	Dr. Amit Kumar	202211014789	16-Mar-22	Utility
622	IMMERSION PROBE CHILLER WITH AN ICE BATH FOR THE SYNTHESIS OF COMPOUNDS	Mr. Sunil Kumar, Dr. Deepak Kumar	202211014787	17-Mar-22	Utility
623	CAR DISPLACER	Ritika Rana, Harshit Gupta, Shivam Mehra, Anshula Grover, Pawan	360044-001	07-Mar-22	Design
624	FOLDABLE TABLE	Pawan, Anshula Grover, Shivam Mehra, Harshit Gupta, Ritika Rana	360046-001	07-Mar-22	Design
625	Solar Oven	Dr. Kamal Dev, Dr. Anuradha Sourirajan	360047-001	07-Mar-22	Design
626	Solar Smart Induction cook top	Dr. Kamal Dev, Dr. Anuradha Sourirajan	360048-001	07-Mar-22	Design
627	METHOD FOR EXTRACTION OF SAPONINS FROM LEAVES OF ACORUS CALAMUS L	Daljeet Singh, Dr. Radha, Dr. Abhijit Dey, Ashok Pundir, Kumari Baveja Devi	202211017093	25-Mar-22	Utility
628	METHOD FOR EXTRACTION OF ALKALOID FROM LEAVES OF PINUS ROXBURGHII SARG.	Niharika Sharma, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar, Kumari Baveja Devi, Suraj Prakash	202211017095	25-Mar-22	Utility


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629	METHOD FOR ESTIMATION OF CRUDE FAT IN LEAVES OF TAXUS BACCATA L	Neeraj Kumari, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir, Kumari Baveja Devi	202211017097	25-Mar-22	Utility
630	METHOD FOR DETERMINING FLAVONOID IN LEAVES OF DIOSCOREA DELTOIDEA WALL. EX GRISEB.	Neeraj Kumari, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar, Kumari Baveja Devi	202211017094	25-Mar-22	Utility
631	METHOD FOR ESTIMATION OF CRUDE PROTEIN IN LEAVES OF TERMINALIA ARJUNA WIGHT & ARN	Neeraj Kumari, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar, Kumari Baveja Devi	202211017096	25-Mar-22	Utility
632	METHOD FOR EXTRACTION OF SAPONINS FROM LEAVES OF AESCULUS INDICA	Daljeet Singh, Dr. Radha, Dr. Abhijit Dey, Ashok Pundir, Kumari Baveja Devi	202211017098	25-Mar-22	Utility
633	Armed Pro Star	Harshit Gupta, Ritika Rana	361341-001	28-Mar-22	Design
634	AUTOMATIC BREAST PUMP	Ritika Rana, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361342-001	28-Mar-22	Design
635	JIGGER	Anshula Grover, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361344-001	28-Mar-22	Design
636	Emergency Card Bulb	Shivam Mehra, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361343-001	28-Mar-22	Design
637	ELECTRIC MILK BOTTLE WARMER	Harshit Gupta, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361350-001	28-Mar-22	Design
638	PAN	Anshula Grover, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361345-001	28-Mar-22	Design
639	A BIOLOGICAL REACTOR FOR WASTEWATER TREATMENT	Parneet Kaur, Saurabh Kulshreshtha, Pradeep Kumar	202211018675	30-Mar-22	Utility
640	METHOD FOR EXTRACTION OF ALKALOID FROM LEAVES OF ACORUS CALAMUS L	Niharika Sharma, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir, Kumari Baveja Devi	202211018671	30-Mar-22	Utility
641	METHOD FOR THE ESTIMATION OF CRUDE PROTEIN IN LEAVES OF VITEX NEGUNDO L.	Neeraj Kumari, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar, Kumari Baveja Devi	202211018674	30-Mar-22	Utility
642	METHOD FOR THE ESTIMATION OF SAPONIN IN LEAVES OF INDIGOFERA HETERANTHA BRANDIS	Neeraj Kumari, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar, Kumari Baveja Devi, Prof. Sunil Puri	202211018672	30-Mar-22	Utility
643	METHOD TO EXTRACT ALKALOID FROM LEAVES OF BERGENIA STRACHEYI	Niharika Sharma, Ashok Pundir, Dr. Radha, Kumari Baveja Devi, Sonia Rathour, Mamta Thakur	202211018673	30-Mar-22	Utility
644	SAUCE PAN	Harshit Gupta, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361347-001	28-Mar-22	Design
645	IRRIGATION PIPE ROLLER	Dr. Amit Kumar	361346-001	28-Mar-22	Design
646	SHARK TANK TEA INFUSER	Shivam Mehra, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361348-001	28-Mar-22	Design
647	SHOTS HOLDER	Ritika Rana, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361349-001	28-Mar-22	Design
648	METHOD FOR EXTRACTION OF APRICOT KERNEL OIL USING SUBMERGED FERMENTATION WITH SACCHAROMYCES	Mo. Naushad, Dr. Somesh Sharma, Dr. Anil Kumar, Gaurav Sharma, Ananya Dwiwedi	202211019867	04-Jan-22	Utility
649	A YOGA TABLE	Mr. Apar Kaushik, Mr. Harshit Gupta, Ms. Ritika Rana, Ms. Anshula Grover, Mr. Shivam Mahra	202211021557	11-Apr-22	Utility
650	PORTABLE METAL ROD BENDING MACHINE	Ms. Ritika Rana, Mr. Harshit Gupta, Mr. Sashank Thapa	202211021558	11-Apr-22	Utility
651	WATER STORAGE TANK	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211021553	11-Apr-22	Utility
652	WEARABLE AUTO HEATING GLOVE	Mr. Pramod Prakash, Mr. Abhinash, Dr. Reshma Sinha	202211021555	11-Apr-22	Utility
653	METHOD FOR ANALYSING ANTIFUNGAL ACTIVITY AND PERFORMING SYNERGISTIC STUDIES OF α -PHELLANDRENE	Ms. Riya Bhattacharya, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202211021432	11-Apr-22	Utility
654	A VORTEX APPARATUS	Kamlesh, Dr. Radha, Ashok Pundir	202211021552	11-Apr-22	Utility
655	AN HERBARIUM SPECIMEN EXAMINATION APPARATUS	Suraj Prakash, Dr. Radha, Niharika Sharma	202211021556	11-Apr-22	Utility
656	ANTIMICROBIAL MASK	Mr. Pramod Prakash	202211021551	11-Apr-22	Utility
657	MOVABLE BARBEQUE GRILL OVEN	Ms. Ritika Rana, Mr. Harshit Gupta, Mr. Sashank Thapa	202211021554	11-Apr-22	Utility
658	STEM AND METHOD FOR TIMELY DIAGNOSIS OF LEPTOSPIRA INTERROGANS	Vivek Verma, Deepak Kala, Ankur Kaushal, Dinesh Kumar	202211022145	13-Apr-22	Utility
659	A DIGITAL MEASUREMENT TAPE	Dr. Ankush Chauhan, Dr. Ritesh Verma, Mr. Rahul Kalia, Prof. Rajesh Kumar	202211022149	13-Apr-22	Utility
660	A STUN GUN BELT	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211022150	13-Apr-22	Utility
661	MULTIPURPOSE MODEL FOR TESTING ANXIETY EFFECT AND MOTOR COORDINATION IN RODENTS	Arun Kumar, Deepak Kumar, Dr. Jay Singh	202211022151	13-Apr-22	Utility
662	THRESHER DUSTBIN	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211022148	13-Apr-22	Utility
663	A SMART SOLAR STREET LAMP	Dr. Ritesh Verma, Prof. Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211024758	27-Apr-22	Utility
664	AN ENGINE OIL COLLECTOR	Sushil Kumar, Akarsh Sharma, Robin Thakur, Sunil Kumar, Raj Kumar Saini, Nitisha Sharma	202211024757	27-Apr-22	Utility
665	MULTI-USE ADJUSTABLE CHAIR	Kamlesh, Ashok Pundir, Dr. Radha, Kumari Baveja, Daljeet Singh	202211024759	27-Apr-22	Utility
666	PRESSURE FLOW BEEHIVE	Mr. Pramod Prakash	202211024756	27-Apr-22	Utility
667	WEARABLE AUTO HEATING SOCK	Mr. Pramod Prakash, Mr. Abhinash, Dr. Reshma Sinha	202211024755	27-Apr-22	Utility
668	CHAETOMIUM GLOBOSUM MEDIATED GREEN SYNTHESIZED IRON NANOPARTICLES AS A BIOCONTROL	Shailja Kumari, Chandrika Attri, Aaliya Ali, Saurabh Kulshreshtha	202211025265	29-Apr-22	Utility
669	METHOD TO EXTRACT ALKALOID FROM LEAVES OF TAXUS BACCATA L.	Niharika Sharma, Dr. Radha, Ashok Pundir, Kumari Baveja Devi, Dr. Manoj Kumar	202211025266	29-Apr-22	Utility
670	METHOD FOR EXTRACTION OF ALKALOID FROM LEAVES OF DIOSCOREA DELTOIDEA WALL. EX GRISEB.	Niharika Sharma, Dr. Radha, Ashok Pundir, Kumari Baveja Devi, Dr. Manoj Kumar	202211026888	10-May-22	Utility


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671	FORMULATION OF CHIR AND CHILGOZA NUTS COOKIES	Kanchan Bhardwaj, Purna Bhardwaj, Deeksha Reddy, Ashok Kumar Pathera	202211026889	10-May-22	Utility
672	Fortified Food Composition and a Process for Preparation Thereof	Amita Kumari, Jyoti Dhatwalia, Prof. Somesh Sharma, Dr. Rakesh Kumar Shukla	202211027252	22-May-22	Utility
673	CAPSULE BOTTLE	Ritika Rana, Harshit Gupta, Durgesh Upadhyay	364427-001	19-May-22	Design
674	SOIL TILLAGE MACHINE	Dr. Amit Kumar, Dr. Sanchit, Pawan	364979-001	28-May-22	Design
675	LAWN SWEEPER	Ritika Rana, Durgesh Upadhyay	364980-001	28-May-22	Design
676	PORTABLE FAN	Nishika Sharma, Harshit Gupta	364981-001	29-May-22	Design
677	TROLLEY BAG	Sunita Sharma, Anshula Grover, Shivam Mehra.	364982-001	28-May-22	Design
678	ELEVATION CHAIR	Harshit Gupta, Ritika Rana, Durgesh Upadhyay	364428-001	19-May-22	Design
679	SMART NASAL MASK	Dr. Kamal Dev, Dr. Anuradha Sourirajan	365278-001	02-Jun-22	Design
680	SOLAR POWERED SPEED BOAT	Dr. Kamal Dev, Dr. Anuradha Sourirajan	365279-001	02-Jun-22	Design
681	SOLAR POWERED MOBILE CHARGER	Dr. Kamal Dev, Dr. Anuradha Sourirajan	365280-001	02-Jun-22	Design
682	MULTI SLICE TOASTER	Ritika Rana, Harshit Gupta, Durgesh Upadhyay	365281-001	02-Jun-22	Design
683	A PROCESS FOR PRODUCING NANOSTARCH PARTICLES OF FRUITS	Gurvendra Pal Singh, Dinesh Kumar	202211032069	04-Jun-22	Utility
684	An Airflow Safety Helmet	Brij Bhushan Sharma, Kartik Chauhan, Dr. Chandresh Kumari, Khushali Harish Tank	202211030968	30-May-22	Utility
685	A Multipurpose Hot Air Gun	Brij Bhushan Sharma, Kartik Chauhan, Dr. Chandresh Kumari, Khushali	202211033902	14-Jun-22	Utility
686	STIRRER	Kamlesh, Dr. Radha, Ashok Pundir, Niharika Sharma	366076-001	15-Jun-22	Design
687	CENTRIFUGE	Kamlesh, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir	366073-001	15-Jun-22	Design
688	MODIFIED FAN	Kamlesh, Dr. Radha, Ashok Pundir, Daljeet Singh	366074-001	15-Jun-22	Design
689	EQUIPMENT TRAY	Kamlesh, Dr. Radha, Ashok Pundir, Neeraj Kumari	366075-001	15-Jun-22	Design
690	WALL CLOCK	Kamlesh, Dr. Radha, Ashok Pundir, Kumari Baveja Devi	366055-001	14-Jun-22	Design
691	PROTECTIVE SPECTACLES	Dr. Ankush Chauhan, Professor Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211034791	17-Jun-22	Utility
692	REMOTE FINDER SYSTEM	Dr. Ritesh Verma, Professor Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211034869	17-Jun-22	Utility
693	RICE TRANSPLANTER MACHINE	Dr. Amit Kumar	202211034793	17-Jun-22	Utility
694	SMART WALKING STICK	Dr. Ankush Chauhan, Professor. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211034868	17-Jun-22	Utility
695	SOLAR POWERED DIGITAL WEIGHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211034798	17-Jun-22	Utility
696	SOLAR POWERED PORTABLE WEIGHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211034795	17-Jun-22	Utility
697	WATER POT SYSTEM	Dr. Amit Kumar	202211034789	17-Jun-22	Utility
698	WIRELESS CUM WIRED LAPTOP MOUSE	Dr. Ritesh Verma, Professor Rajesh Kumar, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211034866	17-Jun-22	Utility
699	AUTO-GRAFTING SHEAR	Mr. Pramod Prakash	202211034876	17-Jun-22	Utility
700	CARRIAGE LIFTER	Ms. Ritika Rana, Mr. Harshit Gupta, Mr. Shivam Mehra, Ms. Anshula Grover	202211034799	17-Jun-22	Utility
701	CORPSE CREMATION SYSTEM	Dr. Ankush Chauhan, Professor Rajesh Kumar, Dr. Ritesh Verma	202211034797	17-Jun-22	Utility
702	FASTENING HAND TOOL	Mr. Rahul Kalia, Professor Rajesh Kumar, Dr. Ritesh Verma, Dr. Ankush Chauhan	202211034874	17-Jun-22	Utility
703	DOCUMENT FILE TRACKING SYSTEM	Dr. Ankush Chauhan, Professor Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211034872	17-Jun-22	Utility
704	PROTECTIVE NOSE MASK	Dr. Ankush Chauhan, Professor Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211034873	17-Jun-22	Utility
705	POLLUTION SENSING SYSTEM	Mr. Rahul Kalia, Professor Rajesh Kumar, Dr. Ritesh Verma, Dr. Ankush Chauhan	202211034867	17-Jun-22	Utility
706	MINI CONCRETE ELECTRIC MIXER CUM SMOOTHING MACHINE	Mr. Sushil Kumar, Mr. Abhay Sharma, Mr. Kamal Kashyap, Mr. Vikas Mehta, Ms. Priyanka, Mr. Avtar Singh	202211034875	17-Jun-22	Utility
707	A MODIFIED CLEANING SPONGE	Chef Nagendra Yadav, Ankit Shukla, Mr. Pratip Mazumdar, Mr. Vaibhav Verma, Mr. Ishan Bakshi	202211034788	17-Jun-22	Utility
708	A MODIFIED KINDLE STICKS BOX	Prof. Rajesh Kumar, Dr. Ritesh Verma, Dr. Ankush Chauhan, Mr. Rahul Kalia	202211034790	17-Jun-22	Utility
709	A MULTIPURPOSE BEVERAGE CONTAINER HOLDER	Ankit Shukla, Chef Nagendra Yadav, Pratip Mazumdar, Vaibhav Verma, Dr. Mahesh Unival, Dr. Suresh Chauhan	202211034871	17-Jun-22	Utility
710	A MULTIPURPOSE CHULLAH	Pramod Prakash	202211034792	17-Jun-22	Utility
711	A SMART UTENSIL	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	202211034794	17-Jun-22	Utility
712	A SOLAR POWERED SPRAYER	Dr. Amit Kumar	202211034796	17-Jun-22	Utility


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713	ANIMAL PROTECTION ELECTRIC COLLAR	Mr. Sushil Kumar , Ms. Shivanya Thakur, Mr. Akarsh Sharma, Mr. Naresh Kumar	202211034876	17-Jun-22	Utility
714	GEARED HAND GRINDER	Sushil Kumar, Shivanya Thakur, Abhay Sharma, Sonia Kumari, Indu Negi	366480-001	21-Jun-22	Design
715	Coelomic Fluid Extracting Device	Prakash, Abhinash.	366421-001	20-Jun-22	Design
716	ELECTRONIC SCALE	Prakash, Abhinash.	366474-001	21-Jun-22	Design
717	FOLDABLE INSECT CATCHING NET	Pramod Prakash, Abhinash, Dr Ravinder Nath.	366464-001	20-Jun-22	Design
718	MANUAL STRING MUG	Pramod Prakash, Abhinash.	366475-001	21-Jun-22	Design
719	A METHOD FOR SYNTHESIZING GOLD NANOPARTICLES FROM PLANT POPULUS CILIATA	Dr. Amita Kumari, Shabnam Thakur, Dr Ankush Chauhan , Jyoti Dhatwalia, Ishita Guleria, Sohan Lal	202211035717	22-Jun-22	Utility
720	RECYCLABLE WATER CLOSET SYSTEM	Chef. Nagendra Yadav, Mr. Ankit Shukla, Mr. Pratip Mazumdar, Dr. Pranshu Chomplay	202211035716	21-Jun-22	Utility
721	METHOD FOR EVALUATING EFFICACY OF HYDROGEL EXTRACTED FROM PLANT MORINGA OLEIFERA ON	Aaliya Ali, Prakrati Garg , Dr. Saurabh Kulshreshtha, Dr. Poonam Negi, Dr. Rohit Goyal, Asha Bhat, Prachi Tyagi,	202211035715	22-Jun-22	Utility
722	Smart Greenhouse	Adarsh, Aman Sharma, Hitesh Kumar, Lakhan Paul, Lokesh Thakur, Prashant Sharma, Brij Bhushan Sharma, Suhel Khan.	366530-001	22-Jun-22	Design
723	A SAFETY DEVICE FOR VEHICLE	Sushil Kumar, Sidharth Gautam	202211036525	25-Jun-22	Utility
724	Automated Animal Feeder	Pawan, Ritika Rana	366877-001	28-Jun-22	Design
725	Bath tub Caddy	Ritika Rana, Harshit Gupta.	366878-001	28-Jun-22	Design
726	Bluetooth Speaker Shower	Dr. Amit	366879-001	28-Jun-22	Design
727	Chequebook Case	CHEF Nagendra Yadav, Ankit Shukla	366880-001	28-Jun-22	Design
728	Thermometer incorporated condenser	Shruti Thakur, Rimjhim Kapil, Samridhi Sharma, Arun Kumar, Dr. Deepak Kumar	366881-001	28-Jun-22	Design
729	Electric brush	Arun Kumar	366882-001	28-Jun-22	Design
730	Reactor and cooler assembly for exothermic reactions	Mr. Sunil Kumar, Mr. Monu Kumar Shukla, Dr. Deepak Kumar	366884-001	28-Jun-22	Design
731	Tape-o-Scissor	Pawan, Harshit Gupta.	366885-001	28-Jun-22	Design
732	METHOD FOR EVALUATING EFFICACY OF HEXANE EXTRACT FROM PLANT MORINGA OLEIFERA ON DIABETIC WOUND	Prakrati Garg Aaliya Ali Dr. Saurabh Kulshreshtha, Dr. Rohit Goyal Dr. Poonam Negi	202211037239	29-Jun-22	Utility
733	METHOD FOR EVALUATING EFFICACY OF HYDROALCOHOLIC EXTRACT FROM PLANT MORINGA	Aaliya Ali Prakrati Garg Dr. Saurabh Kulshreshtha, Dr. Poonam Negi Dr. Rohit Goyal, Prachi Tyagi Asha Bhat Savantam Das	202211037240	29-Jun-22	Utility
734	METHOD FOR FORMULATION OF HERBAL NANO COMPOSITE FROM HYDROALCOHOLIC EXTRACT OF	Aaliya Ali, Dr. Ritesh Verma, Prakrati Garg, Dr. Saurabh Kulshreshtha, Dr. Poonam Negi	202211037242	29-Jun-22	Utility
735	METHOD FOR EVALUATING EFFICACY OF HYDROALCOHOLIC EXTRACT FROM PLANT MORINGA	Aaliya Ali, Prakrati Garg, Dr. Saurabh Kulshreshtha, Dr. Rohit Goyal, Dr. Poonam Negi	202211037241	29-Jun-22	Utility
736	GLASS WITH SIPPER	Ankit Shukla, CHEF Nagendra Yadav, Vaibhav Verma, Pratip Mazumdar, Ishan Bakshi	366930-001	29-Jun-22	Design
737	MULTIPLE FLAME APPARATUS	Kamlesh, Dr. Radha, Neeraj Kumari, Suraj Prakash	366931-001	29-Jun-22	Design
738	SOLAR PEDESTAL FAN	Dr. Kamal Dev, Dr. Anuradha Sourirajan	366932-001	29-Jun-22	Design
739	METHOD FOR FABRICATION OF ELECTROCHEMICAL ANTIBODY BASED BIOSENSOR	Ms. Prasansika Kotvi, Ms. Akriti Taneja, Mr. Harsh Kumar, Mr. Dinesh Kumar	202211037601	30-Jun-22	Utility
740	Apparatus for Arsenic Test	Monu Kumar, Sunil Kumar, Rajesh Kumar, Deepak Kumar	367038-001	30-Jun-22	Design
741	Attachable Cutlery	Ankit Shukla, Chef Nagendra Yadav, Vaibhav Verma, Pratip Mazumdar, Ishan Bakshi	367039-001	30-Jun-22	Design
742	Basin Electric Holder	Shivam, Anshula.	367040-001	30-Jun-22	Design
743	Biodegradable Mat	Kamlesh, Ashok Pundir, Prof. Adolfo AndredoCett, Dr. Radha	367041-001	30-Jun-22	Design
744	DRUM SHOWER	Nishika Sharma, Ritika Rana, Anshula Grover	367042-001	30-Jun-22	Design
745	Folding Adjustable Table	Ankit Shukla, CHEF Nagendra Yadav	367043-001	30-Jun-22	Design
746	HAND BLENDER	CHEF Nagendra Yadav, Ankit Shukla, Santosh.	367044-001	30-Jun-22	Design
747	LOUNGE CHAIR	Pawan, Sorabh Aggarwal.	367045-001	30-Jun-22	Design
748	Movable Stool	Dr. Amit Kumar.	367046-001	30-Jun-22	Design
749	Multitoolplier	Dr. Kamal Dev, Mihir Sharma.	367047-001	30-Jun-22	Design
750	TOOTHBRUSH	Harshit Gupta, Pawan.	367048-001	30-Jun-22	Design
751	Heating Equipment	Nakibul Islam Mondal, Monu Kumar Shukla, Dr. Deepak Kumar.	367049-001	30-Jun-22	Design
752	Newspaper Reader	Kamlesh, Ashok Pundir, Dr. Kulbhushan Kumar, Kumari Baveja Devi and Dr. Radha	367050-001	30-Jun-22	Design
753	METHOD FOR PERFORMING MYCO-GENESIS OF ZINC OXIDE NANOPARTICLES USING LENTINULA EDODES	Neelam Chauhan, Nitika Thakur, Neharika Ann Mann, Dr. Rahul Sharma, Dr. Asha Kumari, Chainika Khatana	202211038070	01-Jul-22	Utility
754	Phoenix dactylifera Biodegradable Mat	Kamlesh, Ashok Pundir Dr. Radha, Adolfo AndredoCetto	367089-001	01-Jul-22	Design


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755	Digital Auto Temperature Liquid Pot	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar	367090-001	01-Jul-22	Design
756	Flower Pot Stand	Kamlesh, Ashok Pundir Dr. Radha, Adolfo AndredoCetto	367091-001	01-Jul-22	Design
757	Hepa and pre filter	Kamlesh, Ashok Pundir Dr. Radha, Dr. Manoj Kumar	367092-001	01-Jul-22	Design
758	Hot air oven	Kamlesh, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar	367093-001	01-Jul-22	Design
759	Attachable Tea Kettle with Cutlery Drawers	Chef Nagendra Yadav, Ankit Shukla Vaibhav Verma, Pratip Mazumdar, Ishan Bakshi	367094-001	01-Jul-22	Design
760	Laptop Stand With Attached Office Table	Kamlesh, Ashok Pundir Dr. Radha, Daljeet singh	367095-001	01-Jul-22	Design
761	Lighter with peeler	Kamlesh, Ashok Pundir Dr. Radha, Dr. Nutan Pant	367096-001	01-Jul-22	Design
762	SAFETY WATCH	Dr. Ritesh Verma, Dr. Ankush Chauhan, Prof. Rajesh Kumar	367288-001	06-Jul-22	Design
763	Pepper spray pen	Dr. Ritesh Verma, Dr. Ankush Chauhan, Prof. Rajesh Kumar, Mr. Rahul Kalia	367287-001	06-Jul-22	Design
764	METHOD FOR GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES FROM PLANT PYRUS PASHIA	Chahat, Dr. Kanika Dulta, Kirti Jain, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur	202211041286	19-Jul-22	Utility
765	METHOD FOR GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM PLANT PYRUS PASHIA	Dr. Kanika Dulta, Chahat, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur	202211041288	19-Jul-22	Utility
766	METHOD FOR GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM PLANT PYRUS PASHIA	Kirti Jain, Dr. Kanika Dulta, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041293	19-Jul-22	Utility
767	METHOD FOR GREEN SYNTHESIS OF SILVER NANOPARTICLES USING FICUS PALMATA FRUIT EXTRACT	Aneesh Kumar, Dr. Kanika Dulta, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Vinod Kumar	202211041285	19-Jul-22	Utility
768	METHOD FOR SYNTHESIZING NICKEL OXIDE NANOPARTICLE USING RUBUS ELLIPTICUS PLANT AND	Nikita Kumari, Dr. Kanika Dulta, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041291	19-Jul-22	Utility
769	A METHOD FOR SYNTHESIZING SILVER NANOPARTICLE USING RUBUS ELLIPTICUS PLANT AND DETERMINING	Dr. Kanika Dulta, Nikita Kumari, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041292	19-Jul-22	Utility
770	METHOD FOR GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING RUBUS ELLIPTICUS FRUIT EXTRACT	Dr. Kanika Dulta, Kalpana, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041283	19-Jul-22	Utility
771	A SMART AUTOMATION SYSTEM	Mehtab Alam, Amit Kumar, Brij Bhushan Sharma	202211041287	19-Jul-22	Utility
772	METHOD FOR SYNTHESIZING IRON OXIDE NANOPARTICLES USING RUBUS ELLIPTICUS AND	Dr. Kanika Dulta, Kalpana, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041284	19-Jul-22	Utility
773	METHOD FOR GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES (ZNO-NPS) FROM PLANT PYRUS PASHIA	Dr. Kanika Dulta, Kirti Jain, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Somvir Singh, Dr. Vinod Kumar	202211041289	19-Jul-22	Utility
774	METHOD FOR GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING FICUS PALMATA FRUIT EXTRACT	Dr. Kanika Dulta, Aneesh Kumar, Dr. Pankaj Kumar Chauhan, Dr. Arti Thakur, Dr. Vinod Kumar	202211041282	19-Jul-22	Utility
775	METHOD FOR PREPARATION OF ORGANIC 9 MILLET PORRIDGE MIX	Mahima Shree N M, Dr. Pankaj Kumar Chauhan, Dr. Kanika Dulta	202211041290	19-Jul-22	Utility
776	DAMMING DEVICE	Sushil Kumar, Shivam Sharma, Akarsh Sharma, Anjali Kaushal, Vikas Mehta	367929-001	19-Jul-22	Design
777	WEIGHT CARRYING HANDLE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Anjali Kaushal, Sakshi Guleria and Ranina Kumari	367930-001	19-Jul-22	Design
778	PEN HOLDER	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Anjali Kaushal, Sakshi Guleria and Ranina Kumari	367931-001	19-Jul-22	Design
779	SUN SHIELD	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Anjali Kaushal, Sakshi Guleria and Ranina Kumari	367932-001	19-Jul-22	Design
780	TROLLEY BAG	Harshit Gupta, Ritika Rana	368032-001	20-Jul-22	Design
781	GAMING CHAIR	Durgesh Upadhyay, Harshit Gupta	368029-001	19-Jul-22	Design
782	MULTIPURPOSE TABLE	Sunita, Nishika Sharma	368030-001	20-Jul-22	Design
783	PEDDER	Shivam Mehra, Anshula Grover.	368031-001	19-Jul-22	Design
784	CUP HOLDER	Anshula Grover, Shivam Mehra	368028-001	20-Jul-22	Design
785	A Green Synthesis Copper Oxide Nanoparticle and A Process of Preparation Thereof	Dr. Amita Kumari, Naveen, Shabnam Thakur, Dr. Ankush Chauhan, Jyoti Dhatwalia, Ishita Guleria, Sohan Lal	202211042275	23-Jul-22	Utility
786	ELECTRICITY GENERATING WATER PUMPING PADDLING SYSTEM	Robin Thakur, Vishal Diwan, Sourav Thakur, Himanshu Sharma, Sahil Chaudhary, Aman Dev Sharma	368369-001	27-Jul-22	Design
787	FLOOR CLEANING MACHINE	Robin Thakur, Vishal Diwan, Sourav Thakur, Himanshu Sharma, Sahil Chaudhary, Aman Dev Sharma	368368-001	27-Jul-22	Design
788	A Green Synthesis Silver Nanoparticle and A Process of Preparation Thereof	Dr. Amita Kumari, Naveen, Shabnam Thakur, Dr. Ankush Chauhan, Jyoti Dhatwalia, Ishita Guleria	202211042275	27-Jul-22	Utility
789	METHOD OF GREEN SYNTHESIS OF STARCH NANOPARTICLES USING DRY PEA	Nancy, Prafull Chavan, Archana Sinhar, Dr. Somesh Sharma, Dr. Rahul Thorv	202211045632	10-Aug-22	Utility
790	METHOD FOR DEVELOPMENT OF NANOPARTICLES FROM INDIAN DESHI LITCHI SEEDS STARCH	Prafull Chavan, Dr. Kanika Dulta, Dr. Somesh Sharma, Archana Sinhar, Dr. Rahul Thorv	202211045633	10-Aug-22	Utility
791	DRONE WATCH	Nishika Sharma, Sunita	369049-001	11-Aug-22	Design
792	PORTABLE TOILET SEAT	Ritika Rana, Harshit Gupta	369050-001	11-Aug-22	Design
793	SEED EXTRACTOR	Dr. Anuradha Sourirajan, Dr. Kamal Dev	369051-001	11-Aug-22	Design
794	THRESHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	369052-001	11-Aug-22	Design
795	WHEEL HOE	Mihir Sharma	369053-001	11-Aug-22	Design
796	HYPOXIA CHAMBER FOR PROVIDINGANAEROBIC CONDITIONS IN ADDITION TO INCUBATOR FOR IN VITRO	Ms. Nazrana Payal, Dr. Lalit Sharma, Kartik Chauhan	369483-001	20-Aug-22	Design


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797	COOLING POT	The Emerald Heights International School, Soumya Mehta	369601-001	23-Aug-22	Design
798	CLEANING ROBOT	The Emerald Heights International School, Jiya Patidar	369602-001	23-Aug-22	Design
799	METHOD FOR DEVELOPMENT OF α -FERRIC OXIDE OR ETHYL CELLULOSE NANOCOMPOSITE	Sapna Thakur, Geetika Guleria, Dhananjay K. Sharma, Mamta Shandilya, Shweta Thakur, Sahil Kumar, Poonam Kumari,	202211048142	24-Aug-22	Utility
800	METHOD FOR EVALUATION OF ANTIBACTERIAL PROPERTIES OF ESSENTIAL OIL EXTRACTED FROM LEAVES	Ms. Suchetha Sreenivasan, Ms. Bhavika Batra, Prof. Kamal Dev, Prof. Anuradha Sourirajan, Ms. Riya Bhattacharya	202211048143	24-Aug-22	Utility
801	A METHOD FOR ANALYSING ANTIBACTERIAL ACTIVITY AND SYNERGISTIC POTENTIAL OF α -PHELLANDRENE WITH	Ms. Riya Bhattacharya, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202211048144	24-Aug-22	Utility
802	METHOD FOR SYNTHESIS OF NANOFIBER MAT FOR SCAVENGING PIEZOELECTRIC ENERGY	Mamta Shandilya, Gun Anit Kaur, Shweta Thakur, Sahil Kumar, Pratiksha, Radheshyam Rai	202211048145	24-Aug-22	Utility
803	METHOD FOR DEVELOPMENT OF STARCH NANOPARTICLES FROM HORSEGRAM NATIVE STARCH	Unmesh Mehta, Shubham Sharma, Vinod Thakur, Prafull Chavan	202211049158	29-Aug-22	Utility
804	SOLAR DISH STIRLING PUMP SYSTEM	Qusai Alkhalaf, Arvind Singh Bisht, Amar Raj Singh, Suri Sham Singh Chandel	202211049153	29-Aug-22	Utility
805	METHOD FOR GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING RHIZOME EXTRACT OF GINGER	Priyanka Thakur, Sapna Thakur, Mamta Shandilya, Poonam Kumari, Sushma Sharma, Sahil Kumar, Geetika Guleria	202211049154	29-Aug-22	Utility
806	METHOD OF GREEN SYNTHESIS OF STARCH NANOPARTICLES USING COWPEA SEEDS	Vineeth Kakumanu, Prafull Chavan	202211049155	29-Aug-22	Utility
807	METHOD FOR BIO-SYNTHESIZING ZINC OXIDE NANOPARTICLES USING COW URINE	Sushma Sharma, Sapna Thakur, Mamta Shandilya, Sahil Kumar, Poonam Kumari, Ankush Badyal	202211049156	29-Aug-22	Utility
808	EVALUATION OF SYNERGISTIC PROPERTIES OF THE ESSENTIAL OIL EXTRACTED FROM LEAVES OF HYPERICUM	Ms. Bhavika Batra, Ms. Suchetha Sreenivasan, Prof. Kamal Dev, Prof. Anuradha Sourirajan, Ms. Riya Bhattacharya	202211049157	29-Aug-22	Utility
809	HEXA PLATE	Lokender Kumar, Kanika Arora, Monish Bisen, Pradeep Kumar and Saurabh Kulshrestha	369712-001	24-Aug-22	Design
810	METHOD FOR SYNTHESISING PLANT EXTRACT FROM POTENTILLA NEPALENSIS AND ANALYSING THEIR	Mr. Subhash Sharma, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202211049991	01-Sep-22	Utility
811	METHOD FOR EXTRACTION OF ESSENTIAL OIL AND EVALUATION OF SYNERGISTIC PROPERTIES OF THE	Ms. Bhavika Batra, Ms. Suchetha Srinivasan, Prof. Kamal Dev, Prof. Anuradha Sourirajan	202211049990	01-Sep-22	Utility
812	METHOD FOR EXTRACTION OF ESSENTIAL OIL AND EVALUATION OF SYNERGISTIC PROPERTIES OF THE	Ms. Bhavika Batra, Ms. Suchetha Srinivasan Prof. Kamal Dev, Prof. Anuradha Sourirajan	202211049992	01-Sep-22	Utility
813	BOTTLE WITH PILL HOLDER	Ritika Rana, Harshit Gupta, Durgesh Upadhyay	202211049989	01-Sep-22	Utility
814	A COMPACT TABLE	Pawan, Anshula Grover, Shivam Mehra, Harshit Gupta, Ritika Rana	202211049993	01-Sep-22	Utility
815	AN AUTOMATIC BREAST PUMP	Ritika Rana, Dr. Kamal Dev, Mr. Sorabh Aggarwal	202211049994	01-Sep-22	Utility
816	ARMED PRO STAR DEFENSIVE DEVICE	Harshit Gupta, Ritika Rana	202211049995	01-Sep-22	Utility
817	A Composition to Prepare Wine and A Process of Preparation Thereof	Diksha Rawat, Dr. Somesh Sharma, Akhil Choudhary	202211052894	16-Sep-22	Utility
818	MODIFIED COOKING UTENSIL	Harshit Gupta, Dr. Kamal Dev, Mr. Sorabh Aggarwal	202211052918	16-Sep-22	Utility
819	ADJUSTABLE LUGGAGE	Sunita Sharma, Anshula Grover, Shivam Mehra	202211052917	16-Sep-22	Utility
820	ELEVATOR CHAIR	Harshit Gupta, Ritika Rana, Durgesh Upadhyay	202211052919	16-Sep-22	Utility
821	JIGGER VESSEL	Anshula Grover, Dr. Kamal Dev, Mr. Sorabh Aggarwal	202211052920	16-Sep-22	Utility
822	LawN SWEEPER	Ms. Ritika Rana, Mr. Durgesh Upadhyay	202211052915	16-Sep-22	Utility
823	MODIFIED INFUSER	Shivam Mehra, Mr. Sorabh Aggarwal, Dr. Kamal Dev	202211052921	16-Sep-22	Utility
824	MODIFIED IRRIGATION SYSTEM	Dr. Amit Kumar	202211052922	16-Sep-22	Utility
825	LIQUOR BOTTLE WITH SHOT GLASS HOLDER	Ritika Rana, Mr. Sorabh Aggarwal, Dr. Kamal Dev	202211052916	16-Sep-22	Utility
826	PORTABLE FAN	Ms. Nishika, Mr. Harshit Gupta	202211055217	27-Sep-22	Utility
827	SMART NASAL MASK	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211055216	27-Sep-22	Utility
828	SOIL TILLAGE MACHINE	Mr. Amit Kumar, Mr. Sanchit, Mr. Pawan	202211055219	27-Sep-22	Utility
829	SOLAR POWERED INDUCTION COOK TOP	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211055222	27-Sep-22	Utility
830	SOLAR POWERED OVEN	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211055220	27-Sep-22	Utility
831	SOLAR POWERED SPEED BOAT	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211055223	27-Sep-22	Utility
832	SOLAR POWERED MOBILE CHARGER	Dr. Kamal Dev, Dr. Anuradha Sourirajan	202211055221	27-Sep-22	Utility
833	MODIFIED VEHICLE DOLLY	Ritika Rana, Harshit Gupta, Shivam Mehra, Anshula Grover, Pawan	202211055224	27-Sep-22	Utility
834	MULTIPURPOSE COOKING UTENSIL	Anshula Grover, Mr. Sorabh Aggarwal, Dr. Kamal Dev	202211055214	27-Sep-22	Utility
835	PORTABLE BOTTLE WARMER	Harshit Gupta, Dr. Kamal Dev, Mr. Sorabh Aggarwal	202211055215	27-Sep-22	Utility
836	MULTI SLICE TOASTER	Ms. Ritika Rana, Mr. Durgesh Upadhyay, Mr. Harshit Gupta	202211055225	27-Sep-22	Utility
837	PORTABLE LIGHT CARD	Shivam Mehra, Dr. Kamal Dev, Mr. Sorabh Aggarwal	202211055218	27-Sep-22	Utility
838	BACK SUPPORT	Suman Rawat	371593-001	28-Sep-22	Design


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839	ERGONOMIC CHAIR	Suman Rawat	371594-001	28-Sep-22	Design
840	A ternary photocatalyst and a Process for Synthesizing Thereof	Dr. Pardeep Singh, Sarika Sharma, Rohit Kumar, Dr. Pankaj Raizada	202211056360	30-Sep-22	Utility
841	Automatic Footrest for Two Wheelers	Sushil Kumar, Shivanya Thakur, Dr. Parveen Sihag, Raj Kumar Sain, Naresh Kumar, Shyam Lal Sharma	202211016819	24-Mar-22	Utility
842	A Ternary Nanocomposite and a Process for Synthesizing Thereof	Dr. Pardeep Singh, Heena Garg, Dr. Pankaj Raizada	202211058211	12-Oct-22	Utility
843	Bag Holder Umbrella	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar	373076-001	21-Oct-22	Design
844	Height Adjustable Bouquet Jar	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar	373077-001	21-Oct-22	Design
845	CYTOTOXIC ATTRIBUTE OF METHANOLIC EXTRACT OF THALICTRUM FOLIOLOSUM ROOTS AGAINST HUMAN	Disha, Dr. Rachna Verma, Dr. Dinesh Kumar, Dr. Azhar Khan	202211062723	03-Nov-22	Utility
846	CYTOTOXIC ATTRIBUTE OF METHANOLIC EXTRACT OF CORDIA DICHOTOMA LEAVES AGAINST HUMAN	Disha, Dr. Rachna Verma, Dr. Dinesh Kumar	202211062724	03-Nov-22	Utility
847	ANTI-INFLAMMATORY ASSESSMENT OF METHANOLIC EXTRACT OF THALICTRUM FOLIOLOSUM AND CORDIA	Disha, Dr. Rachna Verma, Dr. Azhar Khan	202211062725	03-Nov-22	Utility
848	HEPATOPROTECTIVE POTENTIAL OF METHANOLIC EXTRACT OF THALICTRUM FOLIOLOSUM ROOTS AGAINST	Disha, Dr. Rachna Verma, Dr. Azhar Khan	202211062726	03-Nov-22	Utility
849	HEPATOPROTECTIVE POTENTIAL OF METHANOLIC EXTRACT OF CORDIA DICHOTOMA LEAVES AGAINST CCl4	Disha, Dr. Rachna Verma, Dr. Dinesh Kumar, Dr. Azhar Khan	202211062727	03-Nov-22	Utility
850	POTATO DIGGER	Dr. Neeraj Singh Parihar	202211063846	09-Nov-22	Utility
851	METHOD FOR FORMULATING ANTIDIABETIC HERBAL COMPOSITION	Dr. Versha Parcha, Dheeraj Bisht, Mr. Sunil Kumar, Dr. Deepak Kumar	202211063848	09-Nov-22	Utility
852	A Composition of Edible Energy Bars and Process for Preparation Thereof	Srishti Mathur, Phobia Julian, Dinesh Kumar, Vinod Kumar	202211064340	10-Nov-22	Utility
853	A Composition of Biscuits and Process for Preparation Thereof	Srishti Mathur, Phobia Julian, Dinesh Kumar, Vinod Kumar	202211064341	10-Nov-22	Utility
854	A Composition of Jam and a Process of the Preparation Thereof	Nisha Devi, Narender Kumar, Vinod Kumar, Dinesh Kumar	202211064648	11-Nov-22	Utility
855	A Composition of Pineapple Peel Jam and a Process of the Preparation Thereof	Nisha Devi, Snigdha Mishra, Narender Kumar, Dinesh Kumar	202211064649	11-Nov-22	Utility
856	SMART INTRUSION DETECTION SYSTEM FOR AGRICULTURE FIELDS	Bhanu Tanwar, Deepanshu Vermani, Nitin Kumar, Rakesh Kumar, Brij Bhushan Sharma	202211065080	14-Nov-22	Utility
857	A METHOD FOR ANALYSIS OF ANTI-GLIOBLASTOMA ACTIVITY OF ESSENTIAL OIL EXTRACTED FROM AEGLE	Ms. Vanshika Sharma, Prof. Anuradha Sourirajan, Prof. Kamal Dev, Dr. Ritu Kulshreshtha, Ms. Anula Sharma	202211065081	14-Nov-22	Utility
858	Characterization chamber for chemistry and pharmaceutical sciences	Mr. Akshansh Sharma, Mr. Monu Kumar Shukla, Dr. Rajiv Kumar Tonk, Dr. Deepak Kumar	374120-001	09-Nov-22	Design
859	Railing Laptop Stand	Anshula Grover, Shivam Mehra	366883-001	28-Jun-22	Design
860	ProxChain	Mayank Vaswani	374331-001	17-Nov-22	Design
861	SAFELER	Vatsal Singhania	374332-001	17-Nov-22	Design
862	A Process to Identify and Analyze Antimicrobial Activities of a Compound	Dr. Lokender Kumar, Kusum Kharga, Poorvi Garg, Mehak Garg, Dr. Seva Singh, Dr. Saurabh Kulshreshtha, Dr. Kushal Kanwar	202211067081	22-Nov-22	Utility
863	BIODEGRADABLE, EDIBLE, ANTIOXIDANT CONTAINER AND PROCESS FOR PRODUCING THE SAME	Vatsla Gupta, Dr. Deblina Biswas, Dr. Swarup Roy	202211067249	23-Nov-22	Utility
864	METHOD FOR PREPARATION OF CRACKERS USING BUCKWHEAT FLOUR AND MANGO PEEL POWDER	Amrit Pal Kaur, Shreya Sharma, Narender Kumar, Dinesh Kumar	202211071846	13-Dec-22	Utility
865	AUTOMATIC SPEECH RECOGNITION SECURITY LOCKER SYSTEM	Vaibhav Soni, Nishant Thakur, Aditya Sharma, Naveen Kumar, Abhishek, Brij Bhushan Sharma	202211041770	21-Jul-22	Utility
866	METHOD FOR PREPARATION OF PANJIRI USING WHEAT FLOUR AND CHIR NUTS FLOUR	Kanchan Bhardwaj, Prerna Bhardwaj, Narender Kumar, Ashok Kumar Pathera	202211041771	21-Jul-22	Utility
867	PROBIOTIC APPLE-BASED BEVERAGE USING POTENTIAL MICROENCAPSULATED STARTER CULTURE L. RHAMNOSUS	Khyati Oberio, Dr. Somesh Sharma, Kanika Sharma	202211007078	10-Feb-22	Utility
868	A Heterojunction Nanocomposites and a Process for Synthesizing Thereof	Dr. Pooja Shandilya, Mr. Parteek Mandyal	202211011260	03-Feb-22	Utility
869	SYSTEM AND METHOD FOR HELPING A DOCTOR TO EXAMINE A PATIENT	Garviksh, Dron Sharma, Lipakshi, Brij Bhushan Sharma	202311001062	05-Jan-23	Utility
870	PHYTOCHEMICAL AND ANTIOXIDANT STUDIES ON METHANOLIC EXTRACT OF TAXUS CONTORTA GRIFFITH	Kanika Kumari, Dr. Rachna Verma, Disha Raghuvanshi, Saurav Chauhan	202311001063	05-Jan-23	Utility
871	METHOD FOR PREPARING EDIBLE UTENSILS USING ONION PEEL	Vatsla Gupta, Dr. Deblina Biswas, Dr. Swarup Roy	202311006451	01-Feb-23	Utility
872	Adjustable Bench	Mhademo T Tsanglao	378299-001	31-Jan-23	Design
873	ADJUSTABLETASTIC	Agrima Sood	378289-001	31-Jan-23	Design
874	Sustainable Anti-Monkey Theft Dustbin	Mihir Sharma, Nandini Rao, Dr. Kamal Dev	378294-001	31-Jan-23	Design
875	Backpack Container	Priti Thakur	378295-001	31-Jan-23	Design
876	Cushion Massager	Khushi Rawat	378300-001	31-Jan-23	Design
877	Ladder Chair	Himakshi Rathour	378363-001	31-Jan-23	Design
878	INSULATED LADLE HOLDER IN THE FRY PAN	Anshika Bhatti	378290-001	31-Jan-23	Design
879	LEPROSY DETECTOR	Jyotika Thakur	378364-001	31-Jan-23	Design
880	MINI BLENDER	Aastha Jaswal	378291-001	31-Jan-23	Design


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881	Portable Cloth Hanger	Neeraj Thakur	378296-001	31-Jan-23	Design
882	Roller Cabinet	Janhvi Tripathi	378365-001	31-Jan-23	Design
883	Scalp Groover	Nittan Sharma	378297-001	31-Jan-23	Design
884	SMART DUSTBIN	Abhinav Kumar Tiwari	378292-001	31-Jan-23	Design
885	SPRAY BAND	Aayushi Sharma	378293-001	31-Jan-23	Design
886	Swing Shelf	Muskan Rana	378298-001	31-Jan-23	Design
887	Tandoor with Temperature Controller	Chef Nagendra Yadav, Ankit Shukla, Dr. Neeraj Puri, Dr. Gurvinder Pal Singh	378366-001	31-Jan-23	Design
888	Pill Alarm	Raunak Aggarwal	378568-001	02-Feb-23	Design
889	Self Deploying Seat	Aryan Tyagi	378569-001	02-Feb-23	Design
890	AUTOMATIC ANIMAL FEEDER	Pawan, Ritika Rana	202311007079	03-Feb-23	Utility
891	BATHTUB CADDY	Harshit Gupta, Ritika Rana	202311007084	03-Feb-23	Utility
892	BLUETOOTH SPEAKER SHOWER	Dr. Amit Kumar	202311007082	03-Feb-23	Utility
893	CHEQUEBOOK CASE	Nagendra Yadav, Ankit Shukla	202311007081	03-Feb-23	Utility
894	COELOMIC FLUID EXTRACTION DEVICE	Mr. Pramod Prakash, Mr. Abhinash	202311007085	03-Feb-23	Utility
895	ELECTRIC TOOTHBRUSH	Harshit Gupta, Pawan	202311007083	03-Feb-23	Utility
896	MODIFIED CUTLERY	Mr. Ankit Shukla, Mr. Nagendra Yadav, Mr. Vaibhav Verma, Mr. Pratip Mazumdar, Mr. Ishan Bakshi	202311007080	03-Feb-23	Utility
897	BEVERAGE CONTAINER WITH MANUAL STRING	Mr. Pramod Prakash, Mr. Abhinash	202311007415	06-Feb-23	Utility
898	FOLDABLE INSECTS CATCHING NET	Mr. Pramod Prakash, Mr. Abhinash, Dr. Ravinder Nath	202311007412	06-Feb-23	Utility
899	FOLDABLE TABLE	Ankit Shukla, Nagendra Yadav	202311007413	06-Feb-23	Utility
900	HAND BLENDER	Chef Nagendra Yadav, Ankit Shukla, Santosh Kumar	202311007414	06-Feb-23	Utility
901	MODIFIED SCISSOR WITH TAPE STICKING MECHANISM	Pawan, Harshit Gupta	202311007410	06-Feb-23	Utility
902	MODULAR SHOWER	Nishika, Ritika Rana, Anshula	202311007411	06-Feb-23	Utility
903	REACTOR AND COOLER APPARATUS FOR AN EXOTHERMIC REACTION	Mr. Sunil Kumar, Mr. Monu Kumar Shukla, Dr. Deepak Kumar	202311007409	06-Feb-23	Utility
904	WALL CLOCK	Mr. Kamlesh, Dr. Radha, Mr. Ashok Pundir, Ms. Kumari Baveja Devi	202311007498	06-Feb-23	Utility
905	DOG DRYER COAT	Arpita Panwar	378897-001	08-Feb-23	Design
906	SINGING BOWL WITH LAMP	Harshita Sri	378898-001	08-Feb-23	Design
907	PRE-STUFFED SOLDERING IRON	Arun Kumar	378899-001	08-Feb-23	Design
908	METHOD FOR ANALYSING ANTI-FUNGAL ACTIVITY OF ESSENTIAL OIL EXTRACTED FROM CALLISTEMON	Dr. Riya Bhattacharya, Dr. Gopinath Margavelu, Dr. Debajyoti Bose	202311007991	08-Feb-23	Utility
909	PHYTOCHEMICAL AND ANTIOXIDANT STUDIES ON ETHYL ACETATE EXTRACT OF TAXUS CONTORTA GRIFFITH: AN	Kanika Kumari, Dr. Rachna Verma, Dr. Dinesh Kumar, Disha Raghuvanshi, Saurav Chauhan	202311007993	09-Feb-23	Utility
910	CONCRETE PREPARATION BY USING MARBLE POWDER	Nitisha Sharma, Dr. M.S. Thakur	202311007992	08-Feb-23	Utility
911	MODELLING AND PREDICTION OF BINDER CONTENT USING MACHINE LEARNING IN CARBON FIBER REINFORCED	Ankita Upadhyay, Prof. M S Thakur	202311009422	13-Feb-23	Utility
912	PREDICTING MARSHALL STABILITY OF CARBON FIBER REINFORCED ASPHALT CONCRETE USING MACHINE	Ankita, Prof. Mohindra Singh Thakur	202311009421	13-Feb-23	Utility
913	METHOD FOR EVALUATING FLEXURAL STRENGTH AND COMPRESSIVE STRENGTH OF A CONCRETE MADE FROM	Nitisha Sharma, Dr. M.S. Thakur	202311009957	14-Feb-23	Utility
914	Bacpen	Shoolini University of Biotechnology and Management Sciences, Baihori, PO Sultapur, Distt Solan, Lokender Kumar,	379688-001	20-Feb-23	Design
915	METHOD FOR ANALYSING ANTIFUNGAL ACTIVITY OF SEABUCKTHORN (SBT) SEED OIL MIXED ETHANOLIC	Ms. Akriti Singh, Ms. Riya Bhattacharya, Prof. Anuradha Sourirajan, Dr. Shweta Agarwal, Dr. Poonam Negi	202311011706	21-Feb-23	Utility
916	A PHYTONUTRIENT ENRICHED FOOD PRODUCT AND PROCESS FOR PREPARING THE SAME	Jayanti, Prafull Chavan, Ashok Kumar Pathera	202311014341	03-Mar-23	Utility
917	METHOD FOR EVALUATING AND STANDARDISING EXTRACT OF PLANT URTICA DIOICA FOR ANTIGOUT	Miss Shubhangi Sood, Dr. Swati Pundir	202311016017	10-Mar-23	Utility
918	A DOPED COBALT ZINC FERRITE PHOTOCATALYST AND PROCESS OF PREPARING THE SAME	Dr. Garima Rana, Dr. Pooja Dhiman, Dr. Amit Kumar, Dr. Gaurav Sharma	202311016885	14-Mar-23	Utility
919	GREEN SYNTHESIS OF Fe3O4 BASED SUPERPARAMAGNETIC NANOPARTICLES AND METHOD	Monu Kumar Shukla, Dr. Jay Singh, Deepak Kumar	202311016886	14-Mar-23	Utility
920	URACIL-ASSISTED OXYGEN-DOPED GRAPHITIC CARBON NITRIDE, AND PREPARATION METHOD AND USE THEREOF	PANKAJ RAIZADA, PARDEEP SINGH, VASUDHA HASIJA	202311016887	14-Mar-23	Utility
921	A COBALT DOPED MAGNESIUM ZINC FERRITE AND METHOD FOR PREPARING THE SAME	Dr. Garima Rana, Dr. Pooja Dhiman, Dr. Amit Kumar, Dr. Gaurav Sharma	202311016904	14-Mar-23	Utility
922	A composition to make concrete using marble waste powder	Nitisha Sharma, Dr. M.S. Thakur	202311017260	15-Mar-23	Utility


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923	Smart Brake System for Vehicles	Sushil Kumar, Aalok Bhandari	381750-001	18-Mar-23	Design
924	ANTISKID SHOE GRIPPER	Sushil Kumar, Dr. Sudip Banerjee, Dr. Ashwani Sharma, Amita Verma	381964-001	21-Mar-23	Design
925	FOLDING NECK-BRACED HELMET	SUCHETA PATHAK	381963-001	21-Mar-23	Design
926	DUPO BAG,	Tarun Sharma	381962-001	21-Mar-23	Design
927	Adjustable Closer Hanger	Sreshtha Sharon	381961-001	21-Mar-23	Design
928	FORMULATING A COMPOSITION OF α -PHELLANDRENE WITH KETOCONAZOLE AND ANALYSING ANTI-FUNGAL	Dr. Riya Bhattacharya, Prof. (Dr.) Gopinath Halder, Dr. Debajyoti Bose	202311026727	11-Apr-23	Utility
929	METHOD FOR PREPARATION OF A GLUTEN FREE CREPE	Diksha Saini, Dr. Pankaj Kumar Chauhan, Dr. Kanika Dulta	202311026032	06-Apr-23	Utility
930	A SLIP-RESISTANT SHOE GRIPPER	Sushil Kumar, Dr. Ashwani Kumar, Dr. Sudip Banerjee, Amita Verma, Manu Saraswat	202311036751	26-May-23	Utility
931	A HETEROJUNCTION BINARY PHOTOCATALYST AND PROCESS OF PREPARING THE SAME	Dr. Pooja Shandilya, Mr. Parteek Mandyal	202311036720	26-May-23	Utility
932	Brush Shape Restorer	Aalap Bhatt	387947-001	08-Jun-23	Design
933	TempTrack	Aryaman Jain	387948-001	08-Jun-23	Design
934	Sip and Stash Flask	Kishan Garg	387949-001	08-Jun-23	Design
935	Multi-device Charging Phone Case	Aarohi Gaurav Shah	387950-001	08-Jun-23	Design
936	Livestock collar	Aparajita Manglani	387951-001	08-Jun-23	Design
937	Versatile Pen	Anang Bhagwati, Vatsalya	387952-001	08-Jun-23	Design
938	Nail Paint Cum Remover	Ravleen Kaur	387953-001	08-Jun-23	Design
939	Paint Water Filter	Tissya Lulla	387954-001	08-Jun-23	Design
940	All-Rounder Bowling Machine	Sonak Dhanraj Godara, Vivaan Anand	387955-001	08-Jun-23	Design
941	Gypsum recycling unit	Yashveer Kamlesh Shah	387957-001	08-Jun-23	Design
942	Motorized Dynamo	Yashwardhan Bhati	387958-001	08-Jun-23	Design
943	Re-pen	Prisha Poojary	387959-001	08-Jun-23	Design
944	Umbrella	Yashveer Kamlesh Shah	387960-001	08-Jun-23	Design
945	Fresh Guard	Arshroop Singh Saini	387961-001	08-Jun-23	Design
946	Drain Cleaner	Stuti Jaikaran	387962-001	08-Jun-23	Design
947	A NOVEL METHOD FOR THE SYNTHESIS OF ALKYLATED INDOLE DERIVATIVES USING In (III) AS A CATALYST	Anjali Kaushal, Dr. Ashok K Yadav, Dr. Deepak Kumar	202311037434	31-May-23	Utility
948	AN INTELLIGENT SUN TRACKING SYSTEM	Shard, Sorabh Aggarwal, Umeshkumar K.U.	202311037435	31-May-23	Utility
949	CLUSTER COOKIES USING FIG AND COWPEA	Er. Prafull Chavan, Mr. Garvit Gupta	202311037436	31-May-23	Utility
950	METHOD OF SYNTHESIZING NANO-EMULSION EDIBLE COATING USING A FRUIT EXTRACT	Kanika Sharma, Dr. Somesh Sharma, Dr. Sunakshi Gautam, Krishna Aavush, Manisha Joshi, Kamal Thakur, Dr. Khvati Aaliya Ali, Dr. Ritesh Verma, Prakrati Garg, Dr. Saurabh Kulshrestha, Dr. Poonam Negi	202311037437	31-May-23	Utility
951	AN ENHANCED DIABETIC WOUND HEALING FORMULATION AND METHOD OF PREPARING SAME	Er. Prafull Chavan, Dr. Somesh Sharma, Dr. Rahul Thory, Miss. Archana Sinhar, Dr. Ashok Kumar Pathera	202311037438	31-May-23	Utility
952	BIODEGRADABLE EDIBLE COMPOSITE LITCHI SEED STARCH FILMS AND METHOD OF PREPARING THE SAME	Monish Bisen, Arpan Datta, Harish Chavan, Sourav Mukherjee, Nashra Jabi, Neharika Ann Mann, Nitika Thakur	202311037439	31-May-23	Utility
953	AN ECO-FRIENDLY BIOCOMPOSITION AND METHOD OF PREPARING THE SAME	Priyanka Vishwas, Bigul Yogeshver Bhardwaj, Arun Parashar, Poonam Negi	202311037440	31-May-23	Utility
954	A HERBAL DRUG-ENCAPSULATED MICROSPHERE AND PROCESS OF PREPARING THE SAME	Akriti Singh, Riya Bhattacharya, Prof. Anuradha Sourirajan, Dr. Shweta Agarwal, Dr. Poonam Negi	202311040948	16-Jun-23	Utility
955	A SEED OIL LOADED MICROPARTICLES AND THE PROCESS OF PREPARING THE SAME	Anjali Kaushal, Dr. Ashok K Yadav, Dr. Deepak Kumar	202311040947	16-Jun-23	Utility
956	CATALYTIC SYNTHESIS OF ALKYLATED INDOLE DERIVATIVES UTILIZING In (III)	Sachin Kumar, Kumar Utkarsh, Ishita Chanana, Dr. Navneet Kumar Upadhyay, Dr. Pradeep Kumar, Dr. Saurabh Kulshrestha	202313041229	17-Jun-23	Utility
957	A NOVEL METHOD FOR CEPHALEXIN REMOVAL AND BIODEGRADATION USING CHLORELLA PYRENOIDOSA	Bhawna Kashyap, Aditi Sohal, Dr. Deepak N Kapoor, Dr. Azhar Khan	202311041230	17-Jun-23	Utility
958	SYNTHESIS OF AMPICILLIN LOADED CHITOSAN NANOPARTICLES	Monika Pandit, Dr. Swati Pundir	202311041231	17-Jun-23	Utility
959	METHOD FOR PHARMACOGNOSTIC CHARACTERIZATION AND ANTINOCICEPTIVE ACTIVITY OF LEAVES OF	Sushil Kumar, Aalok Bhandari, Dr. Sudip Banerjee, Dr. Ashwani Sharma, Amita Verma	202311026655	11-Apr-23	Utility
960	AN ADVANCED HI-TECH BRAKE SYSTEM FOR VEHICLES	Miss Nidhi Sharma, Dr. Swati Pundir	202311036748	27-May-23	Utility
961	METHOD FOR ANALYSING ANTIBACTERIAL ACTIVITY OF PLANT EUPHORBIA HIRTA	Sachin Kumar, Kumar Utkarsh, Ishita Chanana, Dr. Navneet Kumar Upadhyay, Dr. Pradeep Kumar, Dr. Saurabh Kulshrestha	202311048914	20-Jul-23	Utility
962	A NOVEL METHOD FOR CEPHALEXIN REMOVAL AND BIODEGRADATION USING CHLORELLA PYRENOIDOSA	Bhawna Kashyap, Aditi Sohal, Dr. Deepak N Kapoor, Dr. Azhar Khan	202311041230	17-Jun-23	Utility
963	SYNTHESIS OF AMPICILLIN LOADED CHITOSAN NANOPARTICLES	Mustafa Ahmed, Ipsheeta Bose, Dr. Swarup Roy	202311041231	17-Jun-23	Utility
964	A SMART PACKAGING INDICATOR FOR DETECTING FOOD SPOILAGE		202311045658	07-Jul-23	Utility


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965	CATALYTIC SYNTHESIS OF ALKYLATED INDOLE DERIVATIVES UTILIZING In (III)	Anjali Kaushal, Dr. Ashok K Yadav, Dr. Deepak Kumar	202313041229	26-May-23	Utility
966	A COPPER TUNGSTATE/ NICKEL FERRITE HETEROJUNCTION PHOTOCATALYST AND PROCESS OF PREPARING THE SAME	Rohit Sharma, Dr. Pooja Shandilya, Shabnam Sambyal	202311050379	26-Jul-23	Utility
967	'GREEN SYNTHESIS OF CHITOSAN-COATED ZINC OXIDE NANOPARTICLES USING LANTANA CAMARA AND	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311050380	26-Jul-23	Utility
968	GREEN SYNTHESIS OF CHITOSAN-COATED ZINC OXIDE NANOPARTICLES USING LANTANA CAMARA	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311050381	26-Jul-23	Utility
969	GREEN SYNTHESIS OF CHITOSAN-COATED COPPER OXIDE NANOPARTICLES USING RHAMNUS TRIQUETRA	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311050382	26-Jul-23	Utility
970	GREEN SYNTHESIS OF CHITOSAN-COATED COPPER OXIDE NANOPARTICLES USING LANTANA CAMARA AND	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311050383	26-Jul-23	Utility
971	A NANOCELLULOSE-BASED HETEROJUNCTION PHOTOCATALYST AND PROCESS OF PREPARING THE	Shabnam Sambyal, Dr. Pooja Shandilya, Rohit Sharma	202311050384	26-Jul-23	Utility
972	AN ADVANCED GEO-SPATIAL FLEET MANAGEMENT SYSTEM FOR UNIVERSITIES	Vasu Garg, Riya Goel	202311050385	26-Jul-23	Utility
973	GREEN SYNTHESIS OF CHITOSAN-COATED COPPER OXIDE NANOPARTICLES USING LANTANA CAMARA	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311050386	26-Jul-23	Utility
974	A HESPERIDIN LIQUID TABLET AND METHOD OF PREPARING THE SAME	Payal Sharma, Dr. Deepak Kapoor, Simran Deep Kaur	202311050592	27-Jul-23	Utility
975	AN ELECTRO-PNEUMATIC INTEGRATED DRILLING SYSTEM AND PROCESS OF MANUFACTURING THE SAME	Shubham Sharma, Dr. Rakesh Kumar Shukla, Harshit Sharma, Dr. Prateek Guleria	202311051566	01-Aug-23	Utility
976	AN INTEGRATED THERMAL MANAGEMENT SYSTEM FOR VEHICLES	Akarsh Sharma	202311052777	07-Aug-23	Utility
977	A CYBER RISK MANAGEMENT SYSTEM	Sataditya Jana, Anitya Kumar Gupta, Nitesh Kumar Vashisht	202311052778	07-Aug-23	Utility
978	GREEN SYNTHESIS OF CHITOSAN-COATED ZINC OXIDE NANOPARTICLES USING RHAMNUS TRIQUETRA	Sana Altabbaa, Nitika Thakur, Rahul Sharma, Neharika Ann Mann	202311052779	07-Aug-23	Utility
979	A NOVEL TERNARY NANOCOMPOSITE FOR HIGHLY EFFECTIVE DEGRADATION OF METHYLENE BLUE DYE	Pradeep Singh, Akanksha Chauhan, Anita Sudhaik, Pankaj Raizada	202311052780	07-Aug-23	Utility
980	A BISMUTH-RICH OXYHALIDE-BASED COMPOSITE PHOTOCATALYST	Jayati Sharma, Dr. Pooja Dhimani, Dr. Amit Kumar, Dr. Garima Rana, Dr. Gaurav Sharma	202311052781	07-Aug-23	Utility
981	SYNTHESIS OF AMPICILLIN-LOADED PLGA NANOPARTICLES	Ms. Bhawna Kashyap, Ms. Aditi Sohal, Dr. Deepak N. Kapoor, Dr. Azhar Khan	202311052788	07-Aug-23	Utility
982	A MULTI-FUNCTIONAL BOOK READING DEVICE WITH ENHANCED FEATURES	Akarsh Sharma	202311053549	10-Aug-23	Utility
983	A PHOTOVOLTAIC ELECTRIC HERBARIUM MACHINE	Ajay Panwar, Dr. Ritesh Banerjee	202311053548	10-Aug-23	Utility
984	Jewelry Organiser	Aradhya Garg, Tuba Ahmad	392876-001	17-Aug-23	Design
985	Portable Reading Lamp Cum Book Holder	Nikita Idnani	392877-001	17-Aug-23	Design
986	Auto-Assistive Reading Stand	Saadgi Garg	392878-001	17-Aug-23	Design
987	Anti-Tangle Band	Vihaan Dogra	392879-001	17-Aug-23	Design
988	BIO NANOCOMPOSITE FILM DERIVED FROM HORSE GRAM	Er. Prafull Chavan, Alisha Sharma	202311055746	19-Aug-23	Utility
989	AN ANTICANCEROUS ORGANIC-OIL INFUSED PLGA NANOPARTICLE AND PROCESS OF PREPARING THE SAME	Bhawna Kashyap, Deepak N. Kapoor, Azhar Khan	202311059089	04-Sep-23	Utility
990	AN ANTIINFLAMMATORY TRANSETHOSOMAL EUGENOL-LOADED GEL AND PROCESS OF PREPARING THE SAME	Bhawna Kashyap, Deepak N. Kapoor, Azhar Khan	202311059094	04-Sep-23	Utility
991	A GLIBENCLAMIDE LOADED BILOSOME GEL FORMULATION FOR ENHANCED BIOAVAILABILITY IN THE	Dr. Hemlata Kaurav, Meenakshi Tripathi	202311061902	14-Sep-23	Utility
992	FLUVOXAMINE MALEATE LOADED SOLID SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEMS (S-SNEDDS)	Deepak Kapoor, Ruchy Kaundal, Hemlata Kaurav, Dhriti Verma	202311061903	14-Sep-23	Utility
993	A NOVEL DRUG DELIVERY SYSTEM TO ENHANCE THE BIOAVAILABILITY AND THERAPEUTIC EFFICIENCY OF	Dr. Hemlata Kaurav, Priya Kumari, Dr. Deepak N Kapoor, Dr. Navneet Kumar Upadhyay	202311061904	14-Sep-23	Utility
994	DEVELOPMENT OF A POLY-HERBAL ANTI-DIABETIC FORMULATION AND PROCESS OF PREPARING THE SAME	Prof Versha Parcha, Prof Dheeraj Bisht, Mr. Monu Kumar Shukla, Dr. Deepak Kumar, Dr. Amita Sati	202311062755	19-Sep-23	Utility
995	A PHARMACEUTICAL TABLET EXHIBITING ANTIULCER ACTIVITY	Miss Maneesha Bhardwaj, Dr. Swati Pundir	202311063097	20-Sep-23	Utility
996	A NUTRITIOUS GREEN PEA PEEL PASTA AND METHOD OF PREPARING THE SAME	Er. Prafull Chavan, Yuvraj Chaudhary, Siddhant Saroha	202311064385	26-Sep-23	Utility
997	AN ELASTIC NIOSOMAL GEL FOR ENHANCED TOPICAL DELIVERY OF PIROXICAM	Deepak Kapoor, Anshu Sharma, Hemlata Kaurav	202311064386	26-Sep-23	Utility
998	AN NPK ENRICHED VERMI-FO LIQUID BIOFERTILIZER AND ITS PROCESS OF PREPARING THE SAME	Monish Bisen, Harish Chavan, Pragya Singh, Md. Harish, Yash Choudhary, Sakshi Mehta, Nitika Thakur	202311066063	03-Oct-23	Utility
999	A SOLAR-POWERED THERMOREGULATED BEEHIVE	Pramod Prakash, Dr. Ravinder Nath	202311066064	03-Oct-23	Utility
1000	ALBUMIN COATED NANOPARTICLES AND METHOD FOR PRODUCING THE SAME	Monu Kumar Shukla, Jay Singh, Deepak Kumar	202311066979	06-Oct-23	Utility
1001	A NUTRITIOUS CHICKEN-FORTIFIED PASTA AND A METHOD OF PREPARING THE SAME	Shubhangi Singh, Soumyadeep Malty, Er Prafull Chavan, Dr. Ashok Kumar Pathera	202311067807	10-Oct-23	Utility
1002	A HERBAL DRUG FORMULATION WITH ENHANCED ANTITUMOR EFFICACY	Miss Ila Das, Dr. Swati Pundir	202311068100	11-Oct-23	Utility
1003	HERBAL-BASED PHARMACEUTICAL FORMULATION AND METHOD FOR PREPARING SAME	Dr. Deeksha Salaria, Er. Rajan	202311072545	25-Oct-23	Utility
1004	AN EVACUATED TUBE COLLECTOR FOR SOLAR RADIATION	Dr. Raj Kumar, Sorabh Aggarwal, Dr. Pawan Kumar	202311071792	20-Oct-23	Utility
1005	A PHYTOCHEMICAL ENRICHED HERBAL NANOCOMPOSITE AND PROCESS FOR PREPARING THE SAME	Aaliya Ali, Dr. Ritesh Verma, Prakrati Garg, Dr. Saurabh Kulshrestha, Dr. Poonam Negi	202311036464	26-May-23	Utility
1006	A PEARL MILLET- AND 1200 BASED HERBAL NANOPARTICLE AND A PROCESS FOR PREPARING THE SAME	Er. Prafull Chavan, Dr. Somesh Sharma	202311073193	28-Oct-23	Utility


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1007	A BIODEGRADABLE NANO STARCH-BASED COMPOSITE FILM AND METHOD OF PREPARING THE SAME	Gurvendra Pal Singh, Dinesh Kumar, Tianxi Yang	202311073687	30-Oct-23	Utility
1008	A MAGNETIC HYDROGEL NANOCOMPOSITE AND ITS PROCESS OF PREPARING THE SAME	Prof. Sadanand Pandey, Mr. Monu Kumar Shukla, Prof. Deepak Kumar, Prof. Abbas Rahdar	202311074603	31-Oct-23	Utility
1009	A PHOTOVOLTAIC HEATING DEVICE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Dr. R.K. Saini, Dr. Naresh Kumar, Sahil Kashyap	202311075856	07-Nov-23	Utility
1010	A PHARMACEUTICAL TABLET EXHIBITING ANTI-STYE ACTIVITY	Miss Nidhi Sharma, Dr. Swati Pundir	202311075857	07-Nov-23	Utility
1011	A LOCUST BEAN GUM-CAPPED SILVER NANOPARTICLES AND GRAPHITIC CARBON NITRIDE HYBRID	Sadanand Pandey, Deepak Kumar, Anjali Kaushal, Ravin Jugade	202311075858	07-Nov-23	Utility
1012	A METHOD FOR SYNTHESIZING A VEGETABLE NANOPARTICLE COMPOSITION	Rahul Jha, Nitika Thakur, Nittan Sharma, Nidhi Negi	202311076481	09-Nov-23	Utility
1013	A HERBAL PLANT-BASED Ag NOs AND PROCESS OF SYNTHESIZING THE SAME	Nitika Thakur, Nitika Thakur, Nittan Sharma, Nidhi Negi	202311076482	09-Nov-23	Utility
1014	A STRUCTURAL SYSTEM FOR HIGH-RISE BUILDINGS	Ravi Kant Thakur, Mohindra Singh Thakur	202311076483	09-Nov-23	Utility
1015	A METHOD FOR EXTRACTING SOLUBLE SUGARS FROM APPLE POMACE	Nisha Devi, Dinesh Kumar, Vinod Kumar	202311079246	22-Nov-23	Utility
1016	A STINGING NETTLE FORTIFIED ICE CREAM	Akruti Singh, Vinay Chandel	202311079247	22-Nov-23	Utility
1017	A METHOD FOR SYNTHESIZING NANO EMULSION COATING WITH LEAF EXTRACT FOR FOOD PRESERVATION	Krishna Aayush, Ruchi D Jena, Gurvendra Pal Singh, Kanika Sharma, Praful Chavan, Tianxi Yang, Somesh Sharma	202311080548	28-Nov-23	Utility
1018	A POLYSACCHARIDE-BASED HYDROGEL NANOCOMPOSITE FOR WASTEWATER TREATMENT	Sadanand Pandey, Edwin Makhado, Deepak Kumar	202311080549	28-Nov-23	Utility
1019	AN INNOVATIVE NANOFUID INTEGRATED FL-PV ELECTRO-THERMAL SYSTEM	Mr. Sushil Kumar, Dr. Robin Thakur, Dr. Raj Kumar, Dr. Raj Kumar Saini, Dr. Arvind Singh	202311084935	13-Dec-23	Utility
1020	AN ECO-FRIENDLY AND SUSTAINABLE METHOD FOR SYNTHESIS OF Fe ₂ O ₃ GREEN-NANOPARTICLES	Sakshi Sharma, Komal Raghuvanshi, Dr. Ritesh Banerjee	202311084936	13-Dec-23	Utility
1021	A NANOCELLULOSE-BASED HETEROJUNCTION PHOTOCATALYST FOR ADVANCED PHOTODEGRADATION	Shabnam Sambyal, Dr. Vinay Chauhan, Dr. Pooja Shandilya, Rohit Sharma	202311084937	13-Dec-23	Utility
1022	AN ECOFRIENDLY METHOD FOR PREPARING VINBLASTINE	Aditya Banyal, Dr. Pradeep Kumar, Dr. Sourabh Kulshrestha	202311084938	13-Dec-23	Utility
1023	A RADIO-FREQUENCY BASED MULTIBAND DIABETES DETECTING DEVICE	Abhishek Kandwal, Rohit Jasrotia	202311084939	13-Dec-23	Utility
1024	A LACTOSE- FREE ENRICHED FOOD PRODUCT AND PROCESS FOR PREPARING THE SAME	Manisha Kumari, Dr. Pankaj Kumar Chauhan, Prafull Chavan, Dr. Kanika Dulta, Madhu Gaidher, Dr. Vinod Kumar	202311084940	13-Dec-23	Utility
1025	AN ULTRASONICATED METHOD FOR EXTRACTION OF BIOACTIVE COMPOUNDS	Suraj Prakash, Dr. Radha, Prof. Sunil Puri	202311084991	13-Dec-23	Utility
1026	ROUGHENED ABSORBER PLATE ENHANCEMENT FOR DOUBLE PASS SOLAR AIR HEATER (DP-SAH)	Pawan Kumar, Abhishek Thakur	202311084992	13-Dec-23	Utility
1027	A STARCH-BASED MULTIFUNCTIONAL NANOMATERIAL & A METHOD FOR PREPARING THE SAME	Poonam, Riya Roy, Dr. Pooja Sawant, Er. Praful Chavan, Dr. Somesh Sharma, Dr. Abhishek Thakur	202311085309	13-Dec-23	Utility
1028	A SYNERGISTIC ZnO GREEN-NANOPARTICLE AND A PROCESS OF PREPARING THE SAME	Ms. Neetika Kimta, Prof. Sunil Puri, Dr. Amita Kumari, Dr. Ankush Chauhan, Dr. Rachna Verma	202311087065	20-Dec-23	Utility
1029	A BIO-GUIDED SYNERGISTIC CuO GREEN-NANOPARTICLE AND THE PROCESS OF PREPARING THE SAME	Ms. Neetika Kimta, Prof. Sunil Puri, Dr. Amita Kumari, Dr. Ankush Chauhan, Dr. Rachna Verma	202311087066	20-Dec-23	Utility
1030	AN ACRYLATES UTILIZED GRAFTING CO-POLYMERIZATION METHOD FOR CELLULOSE PROCESSING IN WOODS	Vijay Chauhan, Gaurav Sharma, Chandresh Kumari, Sujata Bhattacharya, Vibhuti Chandel, Shagufta Butt, Diksha Sharma	202311087067	20-Dec-23	Utility
1031	A SYNERGISTIC BIO-FABRICATED COPPER OXIDE GREEN-NANOPARTICLE	Nidhi Bhardwaj, Prof. Sunil Puri, Dr. Amita Kumari, Dr. Ankush Chauhan, Dr. Rachna Verma	202311087068	20-Dec-23	Utility
1032	A SYNERGISTIC ONE-POT SYNTHESIZED ZINC OXIDE GREEN-NANOPARTICLE	Nidhi Bhardwaj, Prof. Sunil Puri, Dr. Amita Kumari, Dr. Ankush Chauhan, Dr. Rachna Verma	202311087069	20-Dec-23	Utility
1033	A SILVER DOPED ZINC-OXIDE NANOPARTICLE AND ITS PROCESS OF PREPARING THE SAME	Ms. Neetika Kimta, Prof. Sunil Puri, Dr. Amita Kumari, Dr. Ankush Chauhan, Dr. Rachna Verma	202311087070	20-Dec-23	Utility
1034	A TERPENE- BASED IONIC LIQUID FOR ANTIMICROBIAL APPLICATIONS	Pankaj Kumar, Isha Soni, Dr. Vinay Chauhan, Dr. Manish Kumar, Dr. Deepak Kumar	202311087071	20-Dec-23	Utility
1035	A BIOCHAR-BASED PHOTOCATALYST AND METHOD OF PREPARING THE SAME	Pankaj Raizada, Vatika Soni, Pardeep Singh	202311087072	20-Dec-23	Utility
1036	A NOVEL METHOD FOR UTILIZING AGRICULTURE WASTE IN THE PRODUCTION OF ORGANIC ACID	Nisha Devi, Dinesh Kumar, Vinod Kumar	202311087073	20-Dec-23	Utility
1037	AN EFFECTIVE N-DOPED MULTIFUNCTIONAL BIOCHAR-BASED NANOCOMPOSITE	Pankaj Raizada, Vatika Soni, Pardeep Singh	202311087074	20-Dec-23	Utility
1038	A MO ²⁺ SUBSTITUTED NANOMATERIAL HEXAFERRITE STRUCTURE AND METHOD OF PREPARATION	Pratiksha Agnihotri, Radheshyam Rai	202311087926	22-Dec-23	Utility
1039	AN AGAR BEADS-BASED BACTERIOPHAGE ENCAPSULATED WATER PURIFICATION COMPOSITION	Dr. Lokender Kumar, Damini Thakur, Sushant Kumar Pal	202311089036	27-Dec-23	Utility
1040	AN ENHANCED PHOTOCATALYTIC PERFORMANCE OF G-C ₃ N ₄ /FE-MOF COMPOSITES FOR ENVIRONMENTAL	Dr. Garima Rana, Dr. Pooja Dhiman, Dr. Amit Kumar, Dr. Gaurav Sharma	202311089037	27-Dec-23	Utility
1041	A METHOD FOR SYNTHESIZING REDUCED GRAPHENE OXIDE (RGO) AND RGO COATED WITH CARBON	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202311089038	27-Dec-23	Utility
1042	A Ag/Bi ₂ O ₃ PHOTOCATALYST FOR EFFICIENT WASTEWATER 5 TREATMENT SOLUTIONS	Dr. Pooja Dhiman, Jayati Sharma, Dr. Amit Kumar, Dr. Gaurav Sharma	202311089039	27-Dec-23	Utility
1043	A GREEN SYNTHESIS OF STABLE ZINC FERRITE NANOPARTICLES USING VITEX NEGUNDO LEAF EXTRACT	Diksha Sharma, Sahil Kumar, Mamta Shandilya, Sunil Puri	202311089040	27-Dec-23	Utility
1044	A NANOPARTICLES SYNTHESIS USING URTICA DIOICA LEAF 5 EXTRACT AND THEIR ANTIMICROBIAL APPLICATIONS	Diksha Sharma, Sahil Kumar, Mamta Shandilya, Sunil Puri	202311089041	27-Dec-23	Utility
1045	AN ADVANCED DUAL Z-SCHEME TERNARY PHOTOCATALYST FOR 5 SOLAR-DRIVEN ORGANIC	Anita Sudhaik, Akshay Sharma, Dr. Amit Kumar, Shivangi Sharma, Sushma Thakur, Pankaj Raizada, Pardeep Singh	202311089042	27-Dec-23	Utility
1046	AN ANTIMICROBIAL NONIONIC SURFACTANT AND A METHOD FOR PREPARING THE SAME	Pankaj Sharma, Isha Soni, Dr. Vinay Chauhan, Dr. Manish Kumar, Dr. Deepak Kumar	202311089273	28-Dec-23	Utility
1047	A FERMENTATION METHOD FOR THE PRODUCTION OF XYLITOL FROM AGRICULTURAL WASTE	Srishti Mathur, Dinesh Kumar, Vinod Kumar	202311089318	28-Dec-23	Utility
1048	A PHOTOCATALYST FOR EFFECTIVE PHOTODEGRADATION OF METHYLENE BLUE AND DOXYCYCLINE	Pankaj Raizada, Kusum Sharma, Pardeep Singh	202311089319	28-Dec-23	Utility


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1049	A MULTIFUNCTIONAL TERNARY CERAMIC MATERIAL AND A METHOD FOR PREPARING THE SAME	Pratiksha Agnihotri, Charul Joshi, Radheshyam Rai	202311089818	29-Dec-23	Utility
1050	AN AUTOMATED CONTAINER SOLUTION REDEFINING SEED STRATIFICATION EFFICIENCY	Shubham Chauhan, Shivangam Soni, Brij Bhushan Sharma	202311089819	29-Dec-23	Utility
1051	AN NON-INVASIVE GLUCOSE MONITORING FOR DIABETES MANAGEMENT	Abhishek Kandwal, Rohit Jasrotia, Pawan Kumar, Louis Wai Yip Liu	202311089820	29-Dec-23	Utility
1052	OVEL Z-SCHEME AG/AGBR/SCN PHOTOCATALYST WITH SULFUR DOPED GCN FOR EFFICIENT VISIBLE-LIGHT	Anita Sudhaik, Aftab Aslam Parwaz Khan, Pankaj Raizada, Pardeep Singh	202311089821	29-Dec-23	Utility
1053	AN EXOGENOUS METHOD FOR ALLEVIATING METAL STRESS IN TRITICUM AESTIVUM	Dhriti Kapoor, Dhriti Sharma, Savita Kumari	202311089822	29-Dec-23	Utility
1054	A NOVEL ECO-FRIENDLY STRATEGY ENHANCING RESILIENCE AND	Dhriti Kapoor, Dhriti Sharma, Savita Kumari	202311089823	29-Dec-23	Utility
1055	AN IOT-ENHANCED SYSTEM FOR NON-INVASIVE MULTI-TYPE CANCER DETECTION AND COMPREHENSIVE RISK	Dr Pradeep Bhardwaj, Dr Gaurav Gupta, Mr. Anitya Gupta, Aditi Kulshreshtha, Sataditya Jana	202311089824	29-Dec-23	Utility
1056	A DUAL Z-SCHEME PHOTOCATALYSIS FOR EFFICIENT WATER POLLUTION REMEDIATION	Rohit Kumar, Dixit Kumar, Raksha Devi, Ekta Devi, Pardeep Singh, Pankaj Raizada	202311089825	29-Dec-23	Utility
1057	PRECISION BACTERIAL CLASSIFICATION THROUGH AUTOMATED IMAGE SEGMENTATION AND MACHINE	Dr. Lokender Kumar	202311089826	29-Dec-23	Utility


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LIST OF PATENTS GRANTED

Sr. No.	Title	Inventors	Application No	Filing date	Dated of grant	Category
1	Mobile cover.	Sorabh Aggarwal, Akshay Pathania, Shashank Thapa, Bhaskar Goel	294633	02-Jun-17	16-Sep-19	Design
2	Cooling pad for mobile.	Sorabh Aggarwal, Akshay Pathania, Shashank Thapa, Bhaskar Goel, Rajkumar	294956	21-Jun-17	29-Jul-19	Design
3	Multiloading Fixture	Bhaskar Goel, Sorabh Aggarwal	297126	29-Aug-17	13-Aug-19	Design
4	Stator and Rotor of Three Phase Squirrel Cage Induction Motor.	Raj Kumar Saini, Dr. Neeraj Gandotra, Ms. Namita Saini, Shashank Thapa	298051	02-Oct-17	05-Aug-19	Design
5	Cooking Stove.	Sorabh Aggarwal, Ankit Thakur, Raj Kumar, Shashank Thapa, Bhaskar Goel	298909	30-Oct-17	24-Apr-19	Design
6	Pen for OMR sheets.	Sumit Mehlwal, Ankit Thakur, Varun Sharma, Adit Rana, Anshul Sehgal	299679	24-Nov-17	03-Jul-19	Design
7	Hexapod crawling Robot.	Sorabh Aggarwal, Akshay Pathania, Bhaskar Goel	299680	24-Nov-17	25-Jan-19	Design
8	Material handling Robot	Sorabh Aggarwal, Bhaskar Goel, Neeraj Gandotra	299681	24-Nov-17	09-Sep-19	Design
9	SOLAR-NANOMATERIAL ENERGY-STORAGE	Anil Kumar, Robin Thakur, Neeraj Chandel, Sunil Kumar, Rajesh Kumar, Pankaj Thakur	313480	27-Dec-18	23-Dec-19	Design
10	Apparatus for extraction of compounds from plant material	Dr. Mamta Sharma, Dr. Anil Kumar, Dr. Rajesh Kumar, Dr. Robin Thakur	316064-001	26-Mar-19	02-Dec-19	Design
11	Solar Water Heater with Storage	Dr. Anil Kumar, Dr. Robin Thakur, Mr. Sunil Kumar	316070-001	26-Mar-19	22-Nov-19	Design
12	Solar Equipment to Extract Substances from Plants	Dr. Mamta Sharma, Dr. Anil Kumar, Dr. Rajesh Kumar, Dr. Robin Thakur	316069-001	26-Mar-19	20-Dec-19	Design
13	Solar Water Heater	Robin Thakur, Amar Raj Singh Suri, Sunil Kumar	317839-001	19-May-19	03-Dec-19	Design
14	Advanced Multipurpose Rotaevaporator	Ashutosh Kumar Dash, Deepak Kumar, Amar Raj Singh Suri	319504-001	09-Jul-19	23-Dec-19	Design
15	Outdoor Air Purifier	Kanika Arora, Kartik Chauhan, Ishaan Sharma, Pradeep Kumar, Sourabh Kulshreshtha	322249-001	02-Oct-19	02-Oct-19	Design
16	Apparatus For Extraction of Oil From Plants	Mamta Sharma, Anil Kumar, Rajesh Kumar, Sameer Rahatekar	323335-001	06-Nov-19	16-Oct-19	Design
17	BACK SUPPORT	Suman Rawat	371593-001	28-Sep-22	06-Mar-19	Design
18	Vortex-Pool Turbine Equipment	Kamal Kashyap, Robin Thakur, Anil Kumar, Ashwani Sharma, Shashank Thapa	314267-001	27-Jan-19	09-Jul-20	Design
19	Nanofluid Flow Measuring Kit	Yashwant Singh, Anil Kumar, Robin Thakur, Sunil Kumar, Sushil Kumar	315053-001	02-Feb-19	06-Mar-20	Design
20	Solar Water Heater	Mr. Shubham Verma, Dr. Anil Kumar, Mr. Sunil Kumar, Dr. Robin Thakur, Dr. Amar Raj Singh Suri	316063-001	26-Mar-19	03-Jan-20	Design
21	Fresnel Lens Solar Water Heater	Robin Thakur, Sunil Kumar	317417-001	02-May-19	29-Apr-20	Design
22	Solar Water Heater	Rajesh Kumar, Anil Kumar, Robin Thakur, Amar Raj Singh Suri	317840-001	19-May-19	29-Jun-20	Design
23	Column of Chromatography Apparatus	Ashutosh Kumar Dash, Deepak Kumar	318481-001	04-Jun-19	29-Jun-20	Design
24	Apparatus for Chemical Synthesis	Deepak Kumar, Ashutosh Kumar Dash, Deepak Kapoor	318731-001	14-Jun-19	26-Aug-20	Design
25	Portable Laminar Airflow Cabinet cum Incubator	Kartik Chauhan, Ankur Kaushal, Rupak Nagraik, Brij Bhushan, Manoti Vyas, Saumya Bharti, Rashika Saproo, Ruchi, Himanshu, Anand, Rajnesh	319571-001	12-Jul-19	31-Jul-20	Design
26	Nanofluid flow heat exchanger	Lohit Sharma, Anil Kumar, Robin Thakur, Sunil Kumar	322069-001	26-Sep-19	15-Jul-20	Design
27	A portable and cost-effective device for real time monitoring of biological macro molecules	Brij Bhushan, Shagun Gupta, Rupak Nagraik, Ishan Sharma, Sudarshan	327424-001	21-Feb-20	26-Oct-20	Design
28	Stove-Cum-Boiler	Sushil Kumar, Amar Raj Singh Suri	327644-001	28-Feb-20	08-Oct-20	Design
29	Solar Tiller	Sushil Kumar, Praveen Kumar, Nikhil Sharma, Rohit, Shubham Prakash, Satyam Singh	327715-001	01-Mar-20	09-Dec-20	Design
30	STONE COLLECTOR	Sushil Kumar, Akarsh Sharma	328651-001	29-Mar-20	01-Oct-20	Design
31	Marker-cum-Eraser	Sushil Kumar, Raj Kumar, Shubham Prakash, Akarsh Sharma	328652-001	29-Mar-20	22-Nov-20	Design
32	Hand-Gripper Charger	Sushil Kumar, Raj Kumar, Akarsh Sharma, Shubham Prakash	328660-001	30-Mar-20	26-Oct-20	Design
33	SCREW GUN	Sumit, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336237-001	12-Dec-20	18-Nov-20	Design


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34	TUBE SQUEEZER	Saurav Chauhan, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336238-001	12-Dec-20	29-Oct-20	Design
35	NAIL HOLDING HAMMER	Jatin Shandilya, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336239-001	12-Dec-20	12-Dec-20	Design
36	PORTABLE VEHICLE WASHING EQUIPMENT	Abhilash Pathania, Raj Kumar, Honey, Nakul Negi, Mohan Singh	336220-001	11-Dec-20	01-Jul-20	Design
37	Fruit Grading Machine	Nakul Negi, Honey, Abhilash Pathania, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336221-001	11-Dec-20	06-Sep-20	Design
38	SEED GUN	Sushil Kumar, Akarsh Sharma, Naresh Kumar	336816-001	26-Dec-20	26-Dec-20	Design
39	ROBOTIC SEWAGE-CONTROL AND WATER-TREATMENT MACHINE	Sushil Kumar, Robin Thakur, Dr. Raj Kumar, Naresh Kumar, Shubham Prakash, Praveen Kumar	337636-001	18-Jan-21	26-Apr-20	Design
40	NOVEL PEPTIDE SEQUENCES FOR DEVELOPING	DR. UMAR FAROOQ, NAZAM KHAN, SHAKTI PAL SINGH CHAUHAN	1228/DEL/2015	02-May-15	27-Sep-21	Utility
41	Nanocomposite for antimicrobial treatment of drinking water.	Deepak Pathania, Rishu Katwal, Gaurav Sharma	1897/DEL/2015	25-Jun-15	26-Feb-21	Utility
42	THERMO-PHOTOVOLTAIC SYSTEM	Arvind Singhy, Robin Thakur, Anil Kumar, Sunil Kumar, Ashwani Sharma	312788	05-Dec-18	16-Jun-21	Design
43	Solar Energy Storage System	Mr. Sunil Kumar, Dr. Anil Kumar, Dr. Robin Thakur, Dr. Amar Raj Singh Suri	316068	26-Mar-19	14-Dec-21	Design
44	POLYHOUSE	Kartik Chauhan, Rupak Nagraik	321874-001	22-Sep-19	20-Apr-21	Design
45	Foldable Helmet	Sushil Kumar, Robin Thakur, Rohit Sharma, Deepak Hetta, Rohit, Balraj, Neeraj	325038-001	27-Dec-19	05-Jul-21	Design
46	Agrobot	Robin Thakur	326441-001	24-Jan-20	18-Jan-21	Design
47	TRATAKA EQUIPMENT	SASHANK THAPA, SORABH AGGARWAL, ABHILASH PATHANIA, BHASKAR GOEL, NEERAJ PIZAR	327480-001	24-Feb-20	29-Sep-21	Design
48	Hot Plate Stirrer	Kartik Chauhan, Shagun Gupta, Rupak Nagraik, Ananya Baruah, Ishan Sharma	328659-001	30-Mar-20	04-Jan-21	Design
49	ECO-FRIENDLY POWER-GENERATOR K4B424:N424	Sushil Kumar, Shubham Prakash	333436-001	21-Sep-20	07-Jun-21	Design
50	MINI CORN-ROASTER	Sushil Kumar, Akarsh Sharma, Shubham Prakash	334151-001	11-Oct-20	12-Apr-21	Design
51	PORTABLE FRUITS GRADING MACHINE	Abhilash pathania, Raj Kumar, Mohan singh	335891-001	03-Dec-20	03-Dec-21	Design
52	NUT CUTTER	Amitosh Kumar, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336236-001	12-Dec-20	29-Oct-21	Design
53	TANK CLEANER	Robin Thakur, Sunil Kumar, Saikat Gosh, Raj Kumar Sharma, Chandra Shekhar Aazad, Prashant Katuwal, Yadhuveer, Arshdeep Singh	336797-001	24-Dec-20	30-Jun-21	Design
54	NANO-FLUID SPECTRAL-BEAM PHOTOVOLTAIC THERMAL EQUIPMENT	Sushil Kumar, Robin Thakur, Raj Kumar, Dr. Raj Kumar, Arvind Singhy	336815-001	26-Dec-20	26-Oct-21	Design
55	Nut Opener with Chain Mechanism	Amitosh Kumar, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341399-001	24-Mar-21	08-Dec-21	Design
56	Angular Screwdriver Bit	Saurav Chauhan, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341400-001	24-Mar-21	08-Dec-21	Design
57	LPG LAMP STAND	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345609-001	02-Jul-21	16-Aug-21	Design
58	FOLDABLE CPR DEVICE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346193-001	12-Jul-21	25-Aug-21	Design
59	ADVANCED YOGA-MAT	Sumit Kumar, Sushil Kumar, Dr. Suresh Lal Baenwal, Mala Tripathi, Subodh Saurabh Singh	346247-001	14-Jul-21	23-Aug-21	Design
60	HAND-GRIP MAT	Bhawna, Sushil Kumar, Sonia Kumari, Sumit Kumar, Mala Tripathi, Subodh Saurabh Singh, Prof. Abhay Saxena, Satish	346248-001	14-Jul-21	23-Aug-21	Design
61	HEAD-GRIP MAT	Sumit Kumar, Sushil Kumar, Shivanya Thakur, Subodh Saurabh Singh, Mala Tripathi, Satish, Deepshikha Thakur	346249-001	14-Jul-21	13-Sep-21	Design
62	Insect collection Box	Dr. Amit Kumar, Abinash Raj VM	349115-001	09-Sep-21	07-Dec-21	Design
63	Autonomised LPG Cylinder	Dr. Kamal Dev, Dr. Anuradha Sourirajan, Sorabh Aggarwal	349191-001	09-Sep-21	29-Oct-21	Design
64	Light weight heating suit	Prof Rajesh Kumar Sharma	349744-001	20-Sep-21	17-Nov-21	Design
65	Chaff Cutter	Dr. Amit Kumar	349945-001	22-Sep-21	24-Nov-21	Design
66	Modified Brij Paddy Weeder	Dr Amit Kumar	352245-001	29-Oct-21	15-Dec-21	Design


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67	Activity Wheel Maze for Rat	Shoolini University, Deepak Kumar, Rohit Goyal	352839-001	10-Nov-21	17-Jan-21	Design
68	Ultra SEC Printer	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	352841-001	10-Nov-21	21-Dec-21	Design
69	Multi-component screening model for evaluating spatial learning and memory in rodents	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	352843-001	10-Nov-21	21-Jan-21	Design
70	Tea & Coffee Pot	Chef Nagendra Yadav, Ankit Shukla	353107-001	11-Nov-21	01-Nov-21	Design
71	HUMAN POWERED HARVESTER CUM FLOURMILL	Sushil Kumar, Nitisha Sharma, Akarsh Sharma,, Pawan Sharma, Ashwani Sharma,	353105-001	11-Nov-21	19-Jan-21	Design
72	Immersion probe chiller with an ice bath for the synthesis of compounds	Mr. Sunil Kumar, Dr. Deepak Kumar	353306-001	17-Nov-21	28-Dec-21	Design
73	Multi-component model for testing antidepressant activity in rodents	Shoolini University, 2. Arun Kumar, 3. Monu Kumar Shukla, 4. Dr. Deepak Kumar,	353312-001	17-Nov-21	11-Feb-21	Design
74	Adjustable Dining Table with Cutlery Drawers	Chef Nagendra Yadav, Ankit Shukla, Harshit Gupta, Santosh Kumar, Pratip Mazumdar	350347-001	29-Sep-21	08-Nov-21	Design
75	VGA-supported double beam mini-UV cabinet for thin-layer (TLC) chromatography analysis	Mr. Sunil Kumar, Dr. Deepak Kumar	354464-001	07-Dec-21	28-Jan-21	Design
76	Portable Green Air Purifier	Kanika Arora, Dr. Pradeep Kumar, Dr. Souarbh Kulshrestha	354513-001	08-Dec-21	10-Nov-21	Design
77	Novel nanographene based composite for water treatment application and method of synthesis thereof.	Pardeep Singh, Pankaj Raizada, Pooja Shandilya	1819/DEL/2015	18-Jun-15	01-Nov-22	Utility
78	Nanocomposite for the photodegradation of water polluting methyl orange.	Deepak Pathania, Manita Thakur, Arush Sharma	2.01711E+11	19-Aug-17	02-Nov-22	Utility
79	AIR-IMPINGEMENT JETS	Amar Raj Singh Suri, Anil Kumar, Robin Thakur, Neeraj Chandel	307955	30-Jul-18	29-Dec-22	Design
80	TRANS HIMALAYAN CARRIER	KULDEEP CHAND ROJHE, AMAR RAO, NEERAJ PIZAR, RAJKUMAR, Sorabh Aggarwal	327479-001	24-Feb-20	18-Nov-22	Design
81	CAR Wiper	Akarsh Sharma, Amar Raj Singh Suri	328650-001	29-Mar-20	11-Nov-22	Design
82	SCEPTRE	Sushil Kumar, Shubham Prakash, Himani Bhatti, Shivani Sharma, Sadhana Minj	330111-001	17-Jun-20	25-Nov-22	Design
83	CORN-KERNEL SEPARATOR	Sushil Kumar, Akarsh Sharma, Himani Bhatti, Shivani Sharma, Sadhana Minj	332011-001	16-Aug-20	22-Dec-22	Design
84	BLANCHING, AIR DRYER AND WATER BATH COMBO MACHINE	Somesh Sharma, Md. Nausad, Ananya Diwedi, A. Deva Santhana Divyan	333482-001	22-Sep-20	09-Nov-22	Design
85	WATER CONSERVATION AND UTILIZATION SYSTEM	Gaurav Sharma, Kartik Chauhan, Saurabh Kulshrestha	337634-001	18-Jan-21	11-Feb-22	Design
86	SHATKARMA KIT	Sumit Kumar, Subodh Saurabh Singh, Mala Tripathi	337635-001	18-Jan-21	26-Apr-22	Design
87	"EVACUATED TUBE COLLECTOR FOR SOLAR RADIATION	Raj Kumar, Dr. Raj Kumar, Sorabh Aggarwal, Sashank Thapa, Dr. Bhaskar Goel	337637-001	18-Jan-21	26-Apr-22	Design
88	Advanced Distillator	Sushil Kumar, Sonia Kumari, Sakshi Guleria, Shubham Prakash, Rohit Kumar, Nikhil Sharma, Satyam Singh, Praveen Kumar,	339237-001	17-Feb-21	09-Sep-22	Design
89	COFFEE - CLOCK	Sushil Kumar, Sonia Kumari, Naresh Kumar, Akarsh Sharma	339534-001	22-Feb-21	16-Feb-22	Design
90	ELECTRICITY GENERATOR	Kamal Kashyap, Robin Thakur, Naresh Kumar, Sunil Kumar, Dr. Raj Kumar	340763-001	16-Mar-21	09-Dec-22	Design
91	SIRSASANA CHAIR	Sushil Kumar, Sonia Kumari, Naresh Kumar, Raj Kumar, Mohan Singh, Robin Thakur, Dr. Raj Kumar, Nitin Kumar	340764-001	16-Mar-21	05-Jan-22	Design
92	MODERN PLASTIC CRATE (KILTA)	Shashvat Sharma, Chhavi Grover, Vanshika Sharma, Yashika Sharma, Harsh Gandhi, Rohit Sharma, Sourav Banarjee, Prachi Bharadwaj, Mrs. Ashoo Koshla, Mr. Shard, Sushil Kumar, Sonia Kumari, Sakshi Guleria	341340-001	24-Mar-21	29-Aug-22	Design
93	Steel Bar Bending Tool	Jatin Shandilya, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341401-001	24-Mar-21	08-Mar-22	Design
94	NAIL RUBBING DEVICE	Sushil Kumar, Sonia Kumari, Sakshi Guleria	341413-001	24-Mar-21	08-Mar-22	Design


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95	Corona Kawach	Vivaan, Dr. Kamal Dev, Sushil Kumar	346230-001	14-Jul-21	19-Oct-22	Design
96	Resilience Wheel	Apar Kaushik, Harshit Gupta	349116-001	09-Sep-21	08-Dec-22	Design
97	FLOWER POT WITH ATTACHED WATER STORAGE TANK	Ritesh Verma, Ankush Chauhan	351664-001	21-Oct-21	26-Dec-22	Design
98	Multi-component behaviour model for studying memory and spatial learning in rodents	Ms. Nishtha Singh, Dr. Lalit Sharma, Dr. Aditi Sharma	352842-001	10-Nov-21	16-Dec-22	Design
99	Distilled Water Unit	Dr. Amit Kumar	354434-001	07-Dec-21	02-Feb-22	Design
100	Power Brush Wacker	Dr. Amit Kumar	354435-001	07-Dec-21	15-Feb-22	Design
101	Digital melting point instrument with VGA support for the identification of melting point	Mr. Sunil Kumar, Mr. Vivek Panwar, Dr. Gururaj Kudur Jayprakash, Dr. Deepak Kumar	354467-001	07-Dec-21	08-Feb-22	Design
102	Glassware weighing balance with multipurpose holder	Mr. Sunil Kumar, Mr. Vivek Panwar, Dr. Gururaj Kudur Jayprakash, Dr. Deepak Kumar	354444-001	07-Dec-21	18-Feb-22	Design
103	Eco Friendly Multiuse Basket	Niharika Sharma, Dr. Radha, Ashok Pundir, Suraj Prakash, Suraj Prakash	354580-001	09-Dec-21	25-Feb-22	Design
104	Rox Broom	Niharika Sharma, Dr. Radha, Prof. Sunil Puri, Dr. Manoj Kumar, Ashok Pundir	354581-001	09-Dec-21	08-Feb-22	Design
105	Biodegradable Mat	Niharika Sharma, Dr. Radha, Dr. Manoj Kumar, Ashok Pundir, Daljeet Singh	354885-001	14-Dec-21	08-Feb-22	Design
106	MULTIPLE DRAWERS CUPBOARD	Kamlesh, Dr. Radha, Neeraj Kumari, Ashok Pundir, Niharika Sharma,	354882-001	14-Dec-21	16-Dec-22	Design
107	ENGINE OIL COLLECTOR	Sushil Kumar, Akarsh Sharma, Robin Thakur, Sunil Kumar, Raj Kumar Saini, Nitisha Sharma	357469-001	28-Jan-22	28-Jan-22	Design
108	Multipurpose model for anti-inflammatory and analgesic activities	Arun Kumar, Dr. Deepak Kumar, Dr. Deepak Kumar	357472-001	28-Jan-22	28-Feb-22	Design
109	Auto Heating Gloves	Pramod Prakash, Abhinash, Dr. Reshma Sinha	358075-001	08-Feb-22	08-Feb-22	Design
110	PORTABLE ROD BENDING MACHINE	Ritika Rana, Harshit Gupta, Sashank Thapa	358070-001	08-Feb-22	08-Feb-22	Design
111	SOLAR POWERED SPRAYER	Dr Amit Kumar	360174-001	09-Mar-22	10-Jun-22	Design
112	Attachable Sugar Cabinet with Tea Glass Holder	Ankit Shukla, CHEF Nagendra Yadav, Pratip Mazumdar, Vaibhav Verma, Dr Mahesh Uniyal, Dr Suresh	360171-001	09-Mar-22	23-May-22	Design
113	CAPSULE BOTTLE	Ritika Rana, Harshit Gupta, Durgesh Upadhyay	364427-001	19-May-22	18-Oct-22	Design
114	MODIFIED FAN	Kamlesh, Dr. Radha, Ashok Pundir, Daljeet Singh	366074-001	15-Jun-22	22-Dec-22	Design
115	ELECTRONIC SCALE	Prakash, Abhinash.	366474-001	21-Jun-22	11-May-22	Design
116	FOLDABLE INSECT CATCHING NET	Pramod Prakash, Abhinash, Dr Ravinder Nath.	366464-001	20-Jun-22	21-Dec-22	Design
117	MANUAL STRING MUG	Pramod Prakash, Abhinash.	366475-001	21-Jun-22	22-Dec-22	Design
118	GLASS WITH SIPPER	Ankit Shukla, CHEF Nagendra Yadav, Vaibhav Verma, Pratip Mazumdar, Ishan Bakshi	366930-001	29-Jun-22	17-Oct-22	Design
119	SOLAR PEDESTAL FAN	Dr. Kamal Dev, Dr. Anuradha Sourirajan	366932-001	29-Jun-22	23-Dec-22	Design
120	Multitoolplier	Dr. Kamal Dev, Mihir Sharma.	367047-001	30-Jun-22	23-Dec-22	Design
121	Novel anti-Leishmaniasis compound and method of production thereof.	Afroze Alam, K.I. Dhar	201611022602	30-Jun-16	31-Aug-23	Utility
122	A machine for calculate cutting force and methods thereof.	Shashank Thapa, Akshay Pathania, Sorabh Aggarwal, Arjun Patial	201711020456	12-Jun-17	16-Jan-23	Utility
123	Novel anticancer nanocomposite.	Reena Vohra Saini, Adesh Kumar Saini, Indu Hira, Amit Kumar	201711021290	17-Jun-17	27-Dec-23	Utility
124	Energy efficient impinging jet solar food dryer.	Ranchan Chauhan, Adit Rana, RAJ KUMAR	201711024743	13-Jul-17	02-Feb-23	Utility
125	Product Based Temperature Control System For Solar Dryer To Prevent Overheating And Improve	Ranchan Chauhan, Adit Rana, Raj Kumar	201711038576	31-Oct-17	04-Oct-23	Utility
126	A method for surface modification of low carbon steel and uses thereof	Akshay Pathania, Vishal, Sorabh Aggarwal, Shashank Thapa	201811005531	14-Feb-18	27-Dec-23	Utility
127	Enzymatic method for synthesis of precursor of bioactive peptide	Neha Thakur, Dinesh Kumar	201811007618	28-Feb-18	08-Dec-23	Utility
128	An apparatus for sterilization and incubation	Kartik Chauhan, Rupak Nagraik	201811017743	20-Apr-18	27-Dec-23	Utility
129	Synthesis of magnetically separable graphitic carbon nitride based photocatalyst and methods thereof	Pankaj Raizada, Anita Sudhaik, Adesh K. Saini, Pardeep Singh	201811018238	15-May-18	30-Jan-23	Utility


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130	Low cost and eco-friendly process for production of biodiesel from biowaste	Saurabh Kulshreshtha, Sunny Bindra	201811019763	26-May-18	06-Apr-23	Utility
131	Novel neuro-protective molecule	Poonam Kumari, Rohit Goyal, Vikas Sharma, K. L. Dhar	201811019919	28-May-18	30-Jun-23	Utility
132	A nanocomposite electrochemical biosensor system and uses thereof	Rupak Nagraik, Dinesh Kumar, Ankur Kaushal, Shagun Gupta	201811020547	29-May-18	31-Oct-23	Utility
133	Bioanalytical method for simultaneous estimation of Saxagliptin and Glimepiride in biological fluids	Navneet Kumar Upadhyay, Poonam Negi, Sameer Sapra	201811022580	16-Jun-18	28-Feb-23	Utility
134	GRAPHITIC CARBON NITRIDE BASED METAL FREE NANOCOMPOSITES FOR PESTICIDE DEGRADATION AND BACTERIAL DISINFECTION	Pankaj Raizada, Anita Sudhaik, Adesh K Saini, Pardeep Singh	201811023694	26-Jun-18	31-Jan-23	Utility
135	A method for Dielectric relaxation in BaCaTiO ₃ material for multilayer ceramic capacitor	Dr. Mamta Shandilya, Dr. Shweta Thakur, Dr. Radheshyam Rai, Dr. Rajesh Kumar	201811030271	12-Aug-18	13-Dec-23	Utility
136	GREEN SYNTHESIZED TiO ₂ NANOFILM FOR ENHANCED THERMAL STORAGE CAPACITY OF (CH ₂ OH) ₂	Dr. Rajesh Kumar, Ankush Chauhan, Ritesh Verma, Allah Dekama Jara, Dr. Mamta Shandilya	201811031209	21-Aug-18	28-Dec-23	Utility
137	A METHOD FOR CONSTRUCTION OF TYPE II PHOTOCATALYST FOR ENHANCED PHOTOCATALYTIC PERFORMANCE AND USES THEREOF	Pankaj Raizada, Anita Sudhaik, Pardeep Singh	201811033051	03-Sep-18	14-Dec-23	Utility
138	A METHOD FOR FABRICATION OF DIRECT Z-SCHEME PHOTOCATALYST FOR WATER PURIFICATION	Pankaj Raizada, Anita Sudhaik, Pardeep Singh	201811033393	05-Sep-18	11-Dec-23	Utility
139	Ag ₃ VO ₄ MODIFIED PHOSPHORUS AND SULPHUR CO-DOPED GRAPHITIC CARBON NITRIDE AS HIGH-DISPERSED PHOTOCATALYST FOR PHENOL MINERALIZATION AND E. COLI DISINFECTION	Pankaj Raizada, Anita Sudhaik, Adesh K.Saini, Pardeep Singh	201811033392	05-Sep-18	25-Sep-23	Utility
140	A System Of CONVERTING BIOI INTO MAGNETIC PHOTOCATALYST FOR WASTEWATER TREATMENT	Pardeep Singh, Adesh Saini, Pankaj Raizada, Anita Sudhaik, Rajesh Sharma	201811033394	05-Sep-18	26-Oct-23	Utility
141	SYNERGISTIC SOIL-LESS MEDIUM FOR ENHANCED YIELD OF CROPS AND METHOD OF PREPARATION THEREOF	Nitika Thakur, Sunil Thakur	201811034669	14-Sep-18	10-Oct-23	Utility
142	IMPINGEMENT JETS SOLAR AIR HEATING SYSTEM AND METHODS THEREOF	Anil Kumar, Sunil Kumar, Robin Thakur, Nitin Kumar, Amar Raj Singh Suri, Raj Kumar	201811035171	18-Sep-18	16-Dec-23	Utility
143	NANOSCALE RESTRAINT OF POLAR COUPLING IN Ba _{0.85} Mg _{0.15} TiO ₃ RELAXOR FERRO ELECTRIC	Dr. Mamta Shandilya, Dr. Radheshyam Rai, Dr. Rajesh Kumar, Ms Poonam Kumari, Mr Ritesh Varma	201811036624	28-Sep-18	31-Aug-23	Utility
144	NOVEL Ag BASED HETEROJUNCTIONED NANOCATALYST FOR WASTEWATER PURIFICATION	Pankaj Raizada, Anita Sudhaik, Pardeep Singh	201811038018	08-Oct-18	16-Jun-23	Utility
145	A METHOD FOR ENHANCING PHOTOCATALYTIC ACTIVITY OF EU ³⁺ -DOPED ZNO USING Bi ₂ O ₃ AND GRAPHENE OXIDE FOR WATER PURIFICATION	Pardeep Singh, Pankaj Raizada, Anita Sudhaik, Reena Saini, Pankaj Thakur	201811038020	08-Oct-18	12-Dec-23	Utility
146	HIGH DIELECTRIC LEAD FREE Ba _{0.95} Ca _{0.05} TiO ₃ MATERIAL SYNTHESIZED BY HYDROTHERMAL METHOD FOR ENERGY HARVESTERS	Dr. Mamta Shandilya, Dr. Radheshyam Rai, Dr. Steven J.Milne, Dr. Rajesh Kumar	201811038017	08-Oct-18	09-May-23	Utility
147	Improved topical composition of adapalene for acne treatment and method thereof	Poonam Negi, Nidhi, Navneet K Upadhyay	201811041353	01-Nov-18	17-Mar-23	Utility
148	Smart anti-cancer nanogel	Chetna Verma, Poonam Negi, Deepak Pathania	201811043892	21-Nov-18	30-Dec-23	Utility
149	A METHOD FOR ENHANCEMENT IN TRANSMISSION OF LIGHT BY DRY MACHINING OF PMMA DISCS	Bhaskar Goel, Sorabh Aggarwal	201811045727	04-Dec-18	26-Sep-23	Utility
150	A METHOD TO DEVELOP ELEPHANT FOOT YAM (Amorphophallus Paeoniifolius) ENRICHMENT ON	Dr. Ravinder Kaushik, Anuj Saklani	201811045880	05-Dec-18	29-Nov-23	Utility
151	Novel heterogeneous catalyst for conversion of carbohydrates to 5-hydroxymethyl furfural and Method thereof	Neeraj Gupta, Purva Devi, Sadhana Sharma, Kanchan Sharma	201811046503	08-Dec-18	22-Dec-23	Utility


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152	NANOSIZE MULTI-FERROIC COMPOSITE MATERIAL AND METHOD OF PREPARING THE SAME	Rajesh Sharma, Mamta Shandilya, Ritesh Verma, Pankaj Raizada	201811049035	26-Dec-18	02-Aug-23	Utility
153	NANOFERRITES FOR MEMORY STORAGE	Rajesh Sharma, Rohit Jasrotia, Virender Pratap Singh, Mahavir Singh	201811049037	26-Dec-18	10-Mar-23	Utility
154	SOL-GEL SYNTHESIZED BARIUM M-TYPE HEXAGONAL FERRITES FOR HIGH DENSITY RECORDING MEDIA	Mr. Rohit Jasrotia, Dr. Virender Pratap Singh, Dr. Rajesh Kumar, Dr. Mahavir Singh	201911001088	09-Jan-19	23-Nov-23	Utility
155	ANTIMALARIAL SINGLE HERB EXTRACT OF NICANDRA PHYSALODES AND METHOD THEREOF	Gaurav Sharma, Devika Rana, Neeraj Mahindroo	201911002018	17-Jan-19	19-Dec-23	Utility
156	HEAT EXCHANGER NANOFLOIDS AND METHODS THEREOF	Sunil Kumar, Anil Kumar, Robin Thakur	201911005560	13-Feb-19	05-Oct-23	Utility
157	METHOD OF LOW TEMPERATURE SYNTHESIS OF LEAD FREE, FERROELECTRIC, NANO SIZED MONOPHASIC CERAMIC COMPOUNDS	Mamta Shandilya, Shweta Thakur	201911007200	25-Feb-19	31-Oct-23	Utility
158	COMPOSITE PHOTOCATALYST FOR TREATMENT OF WATER POLLUTED WITH ORGANIC DYES AND METHOD	Pankaj Raizada, Kirti Sharma, Pardeep Singh	201911009449	11-Mar-19	17-Mar-23	Utility
159	AN ECO-FRIENDLY BURKHOLDERIA BASED BIOFERTILIZER/BIOCONTROL COMPOSITION	Divya Mittal, Reena V Saini, Adesh K Saini, Arun Kumar, Yamini Jain, Rakesh Shukla, Yashwant Singh Negi	201911010768	19-Mar-19	11-Dec-23	Utility
160	A HYBRID TERNARY PHOTOCATALYST FOR THE RAPID TREATMENT OF WATER CONTAMINATED WITH RHODAMINE B DYE AND METHOD	Pankaj Raizada, Prachi Thakur, Vasudha Hasija, Pardeep Singh	201911011873	27-Mar-19	05-Sep-23	Utility
161	A Process of Synthesis of Ag-ZnO Nanoparticles using Trillium Govanianum	Ankush Chauhan, Swati, Rajesh Kumar, Saurabh Kulshreshtha, Mamta Shandilya, Sonu, Vikrant Sharma	201911012292	28-Mar-19	09-Jan-23	Utility
162	Z-scheme Photocatalyst and a Process for the Preparation Thereof	Pankaj Raizada, Vasudha Hasija, Pardeep Singh, Anita Sudhaik	201911012291	28-Mar-19	23-Jan-23	Utility
163	BARIUM STRONTIUM TITANATE MATERIAL AND METHOD OF MANUFACTURING THE SAME	Mamta Shandilya, Shweta Thakur, Radheyshyam Rai, Sapna Thakur	201911012842	30-Mar-19	01-Dec-23	Utility
164	BARIUM ZIRCONATE TITANATE MATERIAL AND METHOD OF MANUFACTURING THE SAME	Mamta Shandilya, Radheyshyam Rai, Poonam Kumara, Gun Anit Kaur	201911012843	30-Mar-19	18-Dec-23	Utility
165	A Process for synthesis of Lead Free Barium, Strontium Titanate Ba _{0.90} Sr _{0.10} TiO ₃	Dr Mamta Shandilya	201911012931	30-Mar-19	30-Jun-23	Utility
166	A Process for synthesis of Silver Doped Zinc Oxide using Cannabis Sativa Leaf Extract	Ankush Chauhan, Swati, Rajesh Kumar, Saurabh Kulshreshtha, Mamta Shandilya, Anil Kumar, Zubin Thakur	201911012932	30-Mar-19	14-Sep-23	Utility
167	A process of synthesis of barium titanate zirconate BaTi _{1-x} Zr _x O ₃ ceramics nanoparticles	Dr Mamta Shandilya, Dr Radheshyam Rai, Gun Anit Kaur, Dr Shweta Thakur	201911012933	30-Mar-19	26-Sep-23	Utility
168	A METHOD FOR PREPARING BITUMINOUS CONCRETE MIXES BY USING FLY-ASH AND WASTE	Noorullah Yusufi, Er. Vikas Mehta, Dr. M.S. Thakur, Priyanka Panchal	201911026507	02-Jul-19	29-May-23	Utility
169	SPIN-DEPENDENT TRANSPORT PROPERTIES OF GRAPHITE NANOSTRUCTURES AND METHODS	Dr. Rajesh Kumar, Allah Dekama Jara, Ritesh Verma, Ankush Chauhan	201911039611	30-Sep-19	06-Sep-23	Utility
170	Ba-Nd-Cd-In Hexaferrite Based Nanomaterial and a process for the preparation thereof	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013744	29-Mar-20	07-Aug-23	Utility
171	Mg-Ag-Mn Ferrite Based Nanomaterials and Process for the Preparation Thereof	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013745	29-Mar-20	27-Oct-23	Utility
172	Ba-Sr CO ₂ -Type Ferrite Based Nanomaterial and a Process for the Preparation Thereof	Mrs. Kirti Singha, Dr. Virender Pratap Singh, Mrs. Monika Chandel, Dr. Rajesh Kumar	202011014157	31-Mar-20	05-Jul-23	Utility
173	La ³⁺ / Ni ²⁺ ions doped Sr ₂ Co ₂ Fe ₁₂ O ₂₂ Y-type hexaferrite based nanomaterial and a process for the preparation thereof	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit Jasrotia, Dr. Rajesh Kumar	202011014156	31-Mar-20	29-May-23	Utility
174	Dy ³⁺ / Ni ²⁺ ions doped Sr ₂ Co ₂ Fe ₁₂ O ₂₂ Y-type hexaferrite based nanomaterial and a process for the preparation thereof	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit Jasrotia, Dr. Rajesh Kumar	202011014159	31-Mar-20	18-May-23	Utility
175	A Process for Synthesis of Reduced Graphene Oxide	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202011014155	31-Mar-20	06-Dec-23	Utility


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176	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION	Sheetal Choudhary, Mamta Sharma	202011057342	31-Dec-20	20-Sep-23	Utility
177	A Novel Nanocomposite Photocatalyst And A Process For The Preparation Thereof	Dr. Pooja Shandilya, Rohit Sharma, Ankita Guleria	202011057340	31-Dec-20	31-Oct-23	Utility
178	A Novel Nanocomposite Photocatalyst And A Process For The Preparation Thereof	Dr. Pooja Shandilya, Ankita Guleria	202011057339	31-Dec-20	21-Jul-23	Utility
179	Automatic Solar Panel Cleaning Device	Sushil Kumar, Sonia Kumari, Sakshi Guleria	340781-001	16-Mar-21	10-Jan-23	Design
180	Controlled Lazer Heating System (CLHS)	Rahul Chandel, Sham Singh Chandel, Ram Parkash Diwadi	341090-001	19-Mar-21	17-May-23	Design
181	Portable Water Heating Solar Collector (PWHSC)	Rahul Chandel, Sham Singh Chandel, Ram Parkash Diwadi	341089-001	19-Mar-21	23-May-23	Design
182	Skin Cancer Diagnosis Device	Salwan Tajjour, Sham Singh Chandel, Sonia	341339-001	24-Mar-21	04-Sep-23	Design
183	METHOD AND COMPOSITION OF MAGNETIC COBALT FERRITE (CoFe ₂ O ₄) NANOPARTICLES WITH DUAL SUBSTITUTION OF Li-Cr IONS	Dr. Rajesh Kumar Sharma, Ankush Chauhan, Ritesh Verma, Kumari Mansi, Anand Sharma	202111023718	28-May-21	19-Sep-23	Utility
184	METHOD OF ALLEVIATING TEMPERATURE STRESS ON SEEDS OF A PLANT USING NUTRIENTS IN	Shriya, Dr. Mamta Sharma	202111023443	26-May-21	07-Nov-23	Utility
185	HEAT EXCHANGER STOVE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	344191-001	03-Jun-21	02-Jan-23	Design
186	Water bottle with mechanical heating	Dr. Rajesh Kumar, Ritesh Verma, Ankush Chauhan, Rahul Kalia	349363-001	13-Sep-21	19-Jun-23	Design
187	ADJUSTABLE RESILIENCE WHEEL	Apar Kaushik, Harshit Gupta	349941-001	22-Sep-21	06-Mar-23	Design
188	Activity Wheel Maze for Mice	Shoolini University, Deepak Kumar, Rohit Goyal	352840-001	10-Nov-21	01-Feb-23	Design
189	FAN	Shoolini University, Dr. Ankush Chauhan, Dr. Ritesh Verma, Prof. Rajesh Kumar	353310-001	17-Nov-21	23-May-23	Design
190	Multifunction cell lines compatible storage box for the synthesized compounds with a digital console	Mr. Sunil Kumar, Dr. Deepak Kumar	354466-001	07-Dec-21	16-May-23	Design
191	Shoolini Winter Bees Happy House	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	354821-001	13-Dec-21	26-Jul-23	Design
192	THE BIOELECTRICITY PRODUCTION PLANT	Pramod Prakash, Mr. Abhinash, Aryan Sokhta	354824-001	13-Dec-21	22-Feb-23	Design
193	Apple Harvester	Dr. Kamal Dev, Dr. Anuradha Sourirajan	354883-001	14-Dec-21	27-Feb-23	Design
194	Vortex shaker with magnetic stirrer with hot plate	Kamlesh, Dr. Radha, Ashok Pundir	357400-001	27-Jan-22	16-Mar-23	Design
195	Solar electric power generator	Harshit Gupta, Ritika Rana, Sorabh Aggarwal, Sashank Thapa	357402-001	27-Jan-22	09-Mar-23	Design
196	Multipurpose model for testing antianxiety effect and motor coordination in rodents	Arun Kumar, Dr. Deepak Kumar, Dr. Jay Singh	357403-001	27-Jan-22	27-Jun-23	Design
197	Tub-mini-Washing Pillar	Anshula Grover, Shivam Mehra, Ritika Rana, Harshit Gupta	357404-001	27-Jan-22	12-May-23	Design
198	Mini- Washer	Ritika Rana, Harshit Gupta, Shivam Kohli, Anshula Grover	357405-001	27-Jan-22	12-May-23	Design
199	Digital pH meter with VGA and USB support for the identification of pH	Sunil Kumar, Dr. Sadanand Pandey, Dr. Deepak Kumar	357406-001	27-Jan-22	07-Feb-23	Design
200	Biodegradable multiuse dustbin	Kamlesh, Dr. Radha, Ashok Pundir	357408-001	27-Jan-22	07-Mar-23	Design
201	Health Vest	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	357470-001	28-Jan-22	12-May-23	Design
202	AUTO HEATING SOCKS	Pramod Prakash, Abhinash, Dr. Reshma Sinha	358072-001	08-Feb-22	13-Jun-23	Design
203	THRESHER DUSTBIN	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358074-001	08-Feb-22	12-May-23	Design
204	Blind man stick	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358493-001	14-Feb-22	24-May-23	Design
205	CHULENETOR	Pramod Prakash	358494-001	14-Feb-22	14-Mar-23	Design
206	SOLAR POWERED DIGITAL WEIGHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	358595-001	15-Feb-22	26-Jun-23	Design


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207	SMART UTENSILS	Dr. Ankush Chauhan, Prof. Rajesh Kumar, Dr. Ritesh Verma, Mr. Rahul Kalia	358501-001	14-Feb-22	13-Mar-23	Design
208	CAR DISPLACER	Ritika Rana, Harshit Gupta, Shivam Mehra Anshula Grover, Pawan	360044-001	07-Mar-22	15-May-23	Design
209	FOLDABLE TABLE	Pawan, Anshula Grover, Shivam Mehra Harshit Gupta, Ritika Rana	360046-001	07-Mar-22	16-May-23	Design
210	AUTOMATIC BREAST PUMP	Ritika Rana, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361342-001	28-Mar-22	01-Jun-23	Design
211	ELECTRIC MILK BOTTLE WARMER	Harshit Gupta, Dr. Kamal Dev, Mr. Sorabh Aggarwal	361350-001	28-Mar-22	26-Jun-23	Design
212	PAN	Anshula Grover, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361345-001	28-Mar-22	03-Feb-23	Design
213	IRRIGATION PIPE ROLLER	Dr. Amit Kumar	361346-001	28-Mar-22	26-Jun-23	Design
214	SHOTS HOLDER	Ritika Rana, Mr. Sorabh Aggarwal, Dr. Kamal Dev	361349-001	28-Mar-22	25-May-23	Design
215	SOIL TILLAGE MACHINE	Dr. Amit Kumar, Dr. Sanchit, Pawan	364979-001	28-May-22	17-Jul-23	Design
216	TROLLEY BAG	Sunita Sharma, Anshula Grover, Shivam Mehra.	364982-001	28-May-22	07-Jun-23	Design
217	SMART NASAL MASK	Dr Kamal Dev, Dr. Anuradha Sourirajan	365278-001	02-Jun-22	17-Jul-23	Design
218	SOLAR POWERED SPEED BOAT	Dr Kamal Dev, Dr. Anuradha Sourirajan	365279-001	02-Jun-22	04-Jan-23	Design
219	SOLAR POWERED MOBILE CHARGER	Dr Kamal Dev, Dr. Anuradha Sourirajan	365280-001	02-Jun-22	12-Jan-23	Design
220	WALL CLOCK	Kamlesh, Dr. Radha, Ashok Pundir, Kumari Baveja Devi	366055-001	14-Jun-22	17-Mar-23	Design
221	Coelomic Fluid Extracting Device	Prakash, Abhinash.	366421-001	20-Jun-22	13-Apr-23	Design
222	Smart Greenhouse	Adarsh, Aman Sharma, Hitesh Kumar, Lakhn Paul, Lokesh Thakur, Prashant Sharma, Brij Bhushan Sharma, Suhel Khan.	366530-001	22-Jun-22	13-Jul-23	Design
223	Automated Animal Feeder	Pawan, Ritika Rana	366877-001	28-Jun-22	01-Jun-23	Design
224	Bluetooth Speaker Shower	Dr. Amit	366879-001	28-Jun-22	11-Jan-23	Design
225	Thermometer incorporated condenser	Shruti Thakur, Rimjhim Kapil, Samridhi Sharma, Arun Kumar, Dr. Deepak Kumar	366881-001	28-Jun-22	18-May-23	Design
226	Electric brush	Arun Kumar	366882-001	28-Jun-22	13-Jan-23	Design
227	Tape-o-Scissor	Pawan, Harshit Gupta.	366885-001	28-Jun-22	06-Jan-23	Design
228	Apparatus for Arsenic Test	Monu Kumar, Sunil Kumar, Rajesh Kumar, Deepak Kumar	367038-001	30-Jun-22	02-Jan-23	Design
229	Biodegradable Mat	Kamlesh, Ashok Pundir, Prof. Adolfo AndredoCetto, Dr. Radha	367041-001	30-Jun-22	06-Apr-23	Design
230	Folding Adjustable Table	Ankit Shukla, CHEF Nagendra Yadav	367043-001	30-Jun-22	30-Mar-23	Design
231	Movable Stool	Dr. Amit Kumar.	367046-001	30-Jun-22	30-Mar-23	Design
232	TOOTHBRUSH	Harshit Gupta, Pawan.	367048-001	30-Jun-22	02-Jan-23	Design
233	Heating Equipment	Nakibul Islam Mondal, Monu Kumar Shukla, Dr. Deepak Kumar.	367049-001	30-Jun-22	12-May-23	Design
234	Digital Auto Temperature Liquid Pot	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar	367090-001	01-Jul-22	19-Apr-23	Design
235	Flower Pot Stand	Kamlesh, Ashok Pundir Dr. Radha, Adolfo AndredoCetto	367091-001	01-Jul-22	01-Jun-23	Design
236	Hepa and pre filter	Kamlesh, Ashok Pundir Dr. Radha, Dr. Manoj Kumar	367092-001	01-Jul-22	05-Apr-23	Design
237	Hot air oven	Kamlesh, Ashok Pundir, Dr. Radha, Dr. Manoj Kumar	367093-001	01-Jul-22	03-Feb-23	Design
238	Laptop Stand With Attached Office Table	Kamlesh, Ashok Pundir Dr. Radha, Daljeet singh	367095-001	01-Jul-22	06-Apr-23	Design
239	Pepper spray pen	Dr. Ritesh Verma, Dr. Ankush Chauhan, Prof. Rajesh Kumar, Mr. Rahul Kalia.	367287-001	06-Jul-22	30-Mar-23	Design
240	WEIGHT CARRYING HANDLE	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Anjali Kaushal, Sakshi Guleria and Ranjna Kumari	367930-001	19-Jul-22	17-Mar-23	Design
241	TROLLY BAG	Harshit Gupta, Ritika Rana	368032-001	20-Jul-22	19-Apr-23	Design
242	MULTIPURPOSE TABLE	Sunita, Nishika Sharma	368030-001	20-Jul-22	17-May-23	Design
243	PEDDER	Shivam Mehra, Anshula Grover.	368031-001	19-Jul-22	19-Apr-23	Design
244	CUP HOLDER	Anshula Grover, Shivam Mehra	368028-001	20-Jul-22	09-Mar-23	Design
245	DRONE WATCH	Nishika Sharma, Sunita	369049-001	11-Aug-22	12-Sep-23	Design
246	PORTABLE TOILET SEAT	Ritika Rana, Harshit Gupta	369050-001	11-Aug-22	05-Apr-23	Design


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247	SEED EXTRACTOR	Dr. Anuradha Sourirajan, Dr. Kamal Dev	369051-001	11-Aug-22	23-Feb-23	Design
248	THRESHING MACHINE	Dr. Kamal Dev, Dr. Anuradha Sourirajan	369052-001	11-Aug-22	16-Feb-23	Design
249	WHEEL HOE	Mihir Sharma	369053-001	11-Aug-22	02-Jan-23	Design
250	CLEANING ROBOT	The Emerald Heights International School, Jiya Patidar	369602-001	23-Aug-22	18-Apr-23	Design
251	HEXA PLATE	Lokender Kumar, Kanika Arora, Monish Bisen, Pradeep Kumar and Saurabh Kulshrestha	369712-001	24-Aug-22	27-Jun-23	Design
252	ERGONOMIC CHAIR	Suman Rawat	371594-001	28-Sep-22	13-Jan-23	Design
253	Bag Holder Umbrella	Chef Nagendra Yadav, Ankit Shukla, Pratip Mazumdar	373076-001	21-Oct-22	01-Feb-23	Design
254	Characterization chamber for chemistry and pharmaceutical sciences	Mr. Akshansh Sharma, Mr. Monu Kumar Shukla, Dr. Rajiv Kumar Tonk, Dr. Deepak Kumar	374120-001	09-Nov-22	22-Sep-23	Design
255	Adjustable Bench	Mhademo T Tsanglao	378299-001	31-Jan-23	21-Mar-23	Design
256	Sustainable Anti-Monkey Theft Dustbin	Mihir Sharma, Nandini Rao, Dr. Kamal Dev	378294-001	31-Jan-23	03-Mar-23	Design
257	Backpack Container	Priti Thakur	378295-001	31-Jan-23	14-Mar-23	Design
258	Cushion Massager	Khushi Rawat	378300-001	31-Jan-23	24-May-23	Design
259	Ladder Chair	Himakshi Rathour	378363-001	31-Jan-23	11-Apr-23	Design
260	INSULATED LADLE HOLDER IN THE FRY PAN	Anshika Bhatti	378290-001	31-Jan-23	25-May-23	Design
261	LEPROSY DETECTOR	Jyotika Thakur	378364-001	31-Jan-23	18-Apr-23	Design
262	Portable Cloth Hanger	Neeraj Thakur	378296-001	31-Jan-23	21-Mar-23	Design
263	Roller Cabinet	Janhvi Tripathi	378365-001	31-Jan-23	12-May-23	Design
264	Scalp Groover	Nittan Sharma	378297-001	31-Jan-23	16-May-23	Design
265	SMART DUSTBIN	Abhinav Kumar Tiwari	378292-001	31-Jan-23	16-May-23	Design
266	SPRAY BAND	Aayushi Sharma	378293-001	31-Jan-23	08-May-23	Design
267	Swing Shelf	Muskan Rana	378298-001	31-Jan-23	01-Jun-23	Design
268	Tandoor with Temperature Controller	Chef Nagendra Yadav, Ankit Shukla, Dr. Neeraj Puri, Dr. Gurvinder Pal Singh	378366-001	31-Jan-23	11-Apr-23	Design
269	Pill Alarm	Raunak Aggarwal	378568-001	02-Feb-23	08-May-23	Design
270	Self Deploying Seat	Aryan Tyagi	378569-001	02-Feb-23	01-Jun-23	Design
271	DOG DRYER COAT	Arpita Panwar	378897-001	08-Feb-23	01-Nov-23	Design
272	SINGING BOWL WITH LAMP	Harshita Sri	378898-001	08-Feb-23	03-May-23	Design
273	PRE-STUFFED SOLDERING IRON	Arun Kumar	378899-001	08-Feb-23	11-May-23	Design
274	A DOPED COBALT ZINC FERRITE PHOTOCATALYST AND PROCESS OF PREPARING THE SAME	Dr. Garima Rana, Dr. Pooja Dhiman, Dr. Amit Kumar, Dr. Gaurav Sharma	202311016885	14-Mar-23	15-Nov-23	Utility
275	ANTISKID SHOE GRIPPER	Sushil Kumar, Dr. Sudip Banerjee, Dr. Ashwani Sharma, Amita Verma	381964-001	21-Mar-23	24-May-23	Design
276	FOLDING NECK-BRACED HELMET	SUCHETA PATHAK	381963-001	21-Mar-23	01-Aug-23	Design
277	Adjustable Closer Hanger	Sreshtha Sharon	381961-001	21-Mar-23	24-May-23	Design
278	Brush Shape Restorer	Aalap Bhatt	387947-001	08-Jun-23	17-Aug-23	Design
279	TempTrack	Aryaman Jain	387948-001	08-Jun-23	14-Sep-23	Design
280	Sip and Stash Flask	Kishan Garg	387949-001	08-Jun-23	23-Aug-23	Design
281	Multi-device Charging Phone Case	Aarohi Gaurav Shah	387950-001	08-Jun-23	30-Aug-23	Design
282	Livestock collar	Aparajita Manglani	387951-001	08-Jun-23	13-Sep-23	Design
283	Versatile Pen	Anang Bhagwati, Vatsalya	387952-001	08-Jun-23	04-Sep-23	Design
284	Nail Paint Cum Remover	Ravleen Kaur	387953-001	08-Jun-23	25-Oct-23	Design
285	Paint Water Filter	Tissya Lulla	387954-001	08-Jun-23	13-Jul-23	Design
286	All-Rounder Bowling Machine	Sonak Dhanraj Godara, Vivaan Anand	387955-001	08-Jun-23	17-Aug-23	Design
287	Gypsum recycling unit	Yashveer Kamlesh Shah	387957-001	08-Jun-23	23-Aug-23	Design
288	Motorized Dynamo	Yashwardhan Bhati	387958-001	08-Jun-23	17-Aug-23	Design
289	Re-pen	Prisha Poojary	387959-001	08-Jun-23	17-Aug-23	Design
290	Drain Cleaner	Stuti Jaikaran	387962-001	08-Jun-23	23-Aug-23	Design
291	Jewelry Organiser	Aradhya Garg, Tuba Ahmad	392876-001	17-Aug-23	12-Oct-23	Design
292	Portable Reading Lamp Cum Book Holder	Nikita Idnani	392877-001	17-Aug-23	16-Nov-23	Design
293	Auto-Assistive Reading Stand	Saadgi Garg	392878-001	17-Aug-23	06-Oct-23	Design
294	Anti-Tangle Band	Vihaan Dogra	392879-001	17-Aug-23	25-Oct-23	Design



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SPONSORED RESEARCH PROJECTS

S. No	Title	Duration	Agency	Funding
1	Studies on genetic variability in <i>Ganoderma lucidum</i> to study elite strain for commercial purposes	2009-2012	Department of Science and Technology	₹ 14,14,000
2	Identification of substrates for <i>S. cerevisiae</i> Polo- like kinase (PLK), Cdc5 during meiotic cell division	2011-2015	Department of Biotechnology	₹ 24,02,100
3	Solar Steam Cooking	2012-2013	Ministry of New and Renewable Energy	₹ 45,60,192
4	Fabrication and characterization of substrate for patch antenna by using nano magneto-dielectric materials for the missile applications	2012-2014	Defence Research and Development Organisation	₹ 9,90,000
5	Prevalence and Characterization of <i>Echinococcus granulosus</i> strains isolated in Himachal Pradesh	2012-2015	Indian Council of Medical Research	₹ 35,00,000
6	Identification of genes involved in the pathogenesis of <i>Rosellinia necatrix</i> causing white root rot of apple	2012-2015	Department of Science and Technology	₹ 23,00,000
7	Nano magneto-dielectric materials for high frequency applications	2012-2015	Department of Atomic Energy	₹ 17,24,000
8	Identification and characterization of medicinal plants of North-West Himalayas with synergistic effects on traditional antibiotics to control clinical bacterial infections	2012-2016	Science and Engineering Research Board	₹ 22,70,000
9	Identification of genes conferring beneficial biofertilizer and biocontrol activities in plant-growth-promoting rhizobacteria (PGPR) for crop improvement	2013-2016	Department of Science and Technology	₹ 23,40,000
10	Isolation & Characterization of bioactive leads from <i>Pinus</i> for prevention of osteoporotic syndrome	2013-2016	Science and Engineering Research Board	₹ 21,30,000
11	Process optimization and up-scale production of lignocellulosic extremozymes from Himalayan microbes for biomass valorization/depolymerization.	2022-2024	Department of Biotechnology	₹ 63,79,240
12	Isolation, optimization and cloning of nitrilase of thermophilic isolate from hot springs of Himachal Pradesh and its application in mandelic acid synthesis	2013-2016	Science and Engineering Research Board	₹ 17,80,000
13	Process optimization for recovery and purification of Zein and xanthophylls (resp. valuable maize proteins and pigments) and its stability application in food products	2013-2016	Department of Biotechnology	₹ 16,20,000
14	Isolation & characterization of putative efflux pump inhibitors in mdr phenotype <i>Pseudomonas aeruginosa</i> from plant sources	2013-2016	Science and Engineering Research Board	₹ 18,00,000
15	Isolation and identification of bioactive compounds from wild mushrooms for new drug discovery	2014-2017	Department of Biotechnology	₹ 15,80,000
16	Testing for the Efficacy of Functional Foods: Collaborative Development of an Assay to Determine Impacts of Foods on Antioxidant Activity	2014-2017	Department of Science and Technology	₹ 64,80,000
17	Chitosan-thiomer, sulphide and sulphonium salt particulates in arsenic Detoxification.	2014-2017	Board of Research In Nuclear Sciences	₹ 23,21,000
18	Synthesis and characterization of nano-ferrites for the development of radar absorbing materials	2014-2017	Department of Science and Technology	₹ 21,72,000
19	Isolation characterization and evaluation of endophytes of plants of Himachal Pradesh in search of some novel antitubercular molecules	2014-2017	Department of Science and Technology	₹ 20,50,000
20	Utilization of Wild Himalayan Fig for the sustainable livelihood of weaker sections of the society in mid hill region of Himachal Pradesh	2014-2017	Department of Science and Technology	₹ 18,55,000
21	Identification and characterization of hypovirulence factors from <i>Rosellinia necatrix</i> causing white root rot on apple	2014-2017	Department of Science and Technology	₹ 27,85,000


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22	Creation of Infrastructure facilities for B.Tech (Food Technology) course	2014-2017	Ministry of Food Processing Industries	₹ 73,71,000
23	Search for physics beyond standard model at hadron colliders using DZERO and compact muon solenoid (CMS) detectors	2014-2017	Department of Science and Technology	₹ 17,79,600
24	Development of Lead free piezoelectric nanofibers via Electrospinning for piezoelectric energy harvesting	2015-2018	Defence Research and Development Organisation	₹ 26,90,000
25	Evaluation of withanolide lactones as immunomodulators to induce granulysin expression in immune cells conferring cytotoxicity towards cancerous cells.	2015-2018	Department of Biotechnology	₹ 25,00,000
26	Development of Green campus under MNRE Scheme on Development of Solar Cities	2016-2017	Ministry of New and Renewable Energy	₹ 5,00,000
27	Setting up of Food Testing Laboratory	2016-2018	Ministry of Food Processing Industries	₹ 2,85,39,000
28	Design and application of new green adsorbents-cum-sensor for water application from industrial area of Himachal Pradesh.	2016-2018	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 6,00,000
29	Post-Fire Management in the Pine Forests of Indian Himalayan Region by studying, conserving and distributing culturable microbial biota to increase ecological succession and to revive forest productivity	2016-2019	National Mission on Himalayan Studies	₹ 40,26,000
30	Quality Standards of Indian Medicinal Plants and Preparation of Monographs Thereon	2016-2019	Indian Council of Medical Research	₹ 38,34,492
31	Compact Muon Solenoid (CMS) Upgrade, Operation and utilization	2016-2019	Department of Science and Technology	₹ 56,00,000
32	Establishment of Advanced Biological Research Facility	2016-2019	Department of Science and Technology (FIST)	₹ 65,00,000
33	Characterization of licensed biomedical products including hypochlorous acid, ointments for frost bite to enhance shelf life	2017-2020	Defence Research and Development Organisation	₹ 9,84,000
34	DNA biosensor for the diagnosis of Leptospirosis	2017-2020	Indian Council of Medical Research	₹ 19,60,000
35	Surface fluorinated graphene-lanthanide orthovanadate nanohybrid with enhanced photocatalytic activity for water purification	2014-2017	Department of Science and Technology	₹ 25,00,000
36	Graphitic Carbon Nitride Based Metal-Free Semiconductor Heterojunctions For Effective Photocatalytic Water Purification	2016 - 2019	Science and Engineering Research Board	₹ 29,20,000
37	Trade chain, trade pattern and value chain of 5 RET medicinal plant species namely Aconitum heterophyllum (Ateech), Saussurea lappa (Kuth), Inula racemosa (Pushkarmool), Picrorhiza kurra (Kutaki) and Pistacia integerrima (Zebrawood, Kakkarsingi)"- Reg.	2018	Himachal Pradesh State Biodiversity Board	₹ 2,50,000
38	Development of cheap and safe water purification strategy using Moringa oleifera seeds for the rural population of H.P.	2018-2020	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 6,80,000
39	Electrochemical DNA sensor for the diagnosis of Scrub Typhus	2018-2021	Department of Science and Technology	₹ 34,42,560
40	Technological Innovations for on-farm input generation from locally available resources for upgrading the rural villagers of Himachal Pradesh	2018-2020	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 5,70,000
41	Deriving Methyl Furans from Himalayan Biomass as Sustainable Alternative to Petroleum Products	2018-2020	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 6,00,000
42	Returning Taxus to the Forests and the People: a study in Shimla and Kullu Districts of the Indian Himalayan Region	2019-2022	National Mission on Himalayan Studies	₹ 47,00,000
43	Understanding the evolution of bitter Taste	2019-2021	Science and Engineering Research Board	₹ 15,00,000


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44	Efficiency improvement of packed bed solar thermal energy storage using different fin shapes on absorber plate in solar air collector	2019-2021	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 6,50,000
45	Dip Bag - A compact herbal water purifier	2019-2020	India Innovation growth program 2.0 University Challenge 2019	₹ 11,00,000
46	Getting insight into gut microflora of tribal population of Himachal Pradesh for probiotic use and the production of natural antimicrobial substance	2019-2021	National Mission on Himalayan Studies	₹ 36,41,616
47	Yoga and Naturopathy Hospital	2019-2020	AYUSH	₹ 80,00,000
48	Carbon dots mediated imaging guided and targeted co-delivery of small anticancer molecules and siRNA for synergistic breast cancer treatment	2019-2021	Science and Engineering Research Board	₹ 25,00,872
49	Fabrication of graphitic carbon nitride based magnetic absorbent and photocatalyst for water soluble industrial effluents treatment	2019-2021	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 3,04,000
50	Skill Vigyan Program	2019-2021	Department of Biotechnology	₹ 61,80,000
51	Characterization of viral and host factors of Parvovirus B19 in patients with viral myocarditis with and without dilated cardiomyopathy	2019-2021	Science and Engineering Research Board	₹ 15,00,000
52	What goes up must come down: Himalayan Upstream plastic waste solutions that minimize downstream marine inputs	2019-2020	National Geographic Grant	₹ 41,95,100
53	Society of Toxicology Undergraduate faculty research grant	2019-2020	Society of Toxicology	₹ 1,19,475
54	Assessment of phytochemicals present in Indian indigenous plants through in silico methods for Covid19 targeting and treatment	2020-2021	The COVID-19 High Performance Computing Consortium	₹ 1,10,820
55	Towards the development of better, safe, environment friendly filter using Moringa oleifera for the treatment of Industrial wastewater of Himachal Pradesh	2020-2022	Department of Environment, Science & Technology (DEST)	₹ 6,60,000
56	Tackling Pharmaceutical and Personal Care Product Pollutants in the North-Western Himalayan Region of India	2021-2023	Lancaster University	₹ 9,80,599
57	Development of Novel Functional Foods for Amelioration of Oxi-Inflamm-Aging and its Pathogenesis in Progression of Inflammatory Disorders During Aging	2021-2023	Department of Science and Technology	₹ 21,92,489
58	Photovoltaic behaviour of rare-earth doped bismuth ferrite nano fibers for potential application in perovskite solar cells	2021-2023	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 4,90,000
59	Studies on the interaction between the anticancer drug derivatives Wikstromal, Matairesinol and Dibenzylbutyrolactol	2021-2023	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 2,80,000
60	Designing and development of microalgae based prototype for the improvement of air quality in the industrial arcs of H.P	2021-2023	Department of Environment, Science Technology (DEST)	₹ 4,20,000
61	Evaluation of Rapid and Nondestructive On-site Assay of Pesticide Residues by Raman Spectroscopy on the Surface of Selected Perishable Fruits and Vegetables	2021-2024	Science and Engineering Research Board	₹ 29,66,520
62	Development and evaluation of novel formulation of active fraction from traditionally acclaimed Himalayan Plants for Asthma	2021-2024	Science and Engineering Research Board	₹ 46,09,280
63	Voltammetric and conceptual density functional studies on electrocatalysis of surfactants at the graphene screen-printed graphene electrode for detection of persistent organic pollutants (Lindane and Hexabromocyclododecane) at wastewater and animal tissues	2022-2024	Science and Engineering Research Board	₹ 15,00,000
64	Development of mycovirus based biological control strategy for the control of Rosellinia necatrix infecting fruit crops and Sclerotinia sclerotium infecting vegetable crops in the Indian Himalayan region	2022-2024	Department of Biotechnology	₹ 43,87,360

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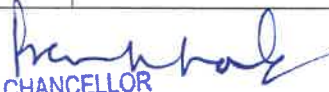
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65	Prospecting of wild Ganoderma lucidium growing in Himachal Himalaya for hyperpresence of biomolecules and cultivation of potential strain for value added nutraceutical products.	2022-2024	Science and Engineering Research Board	₹ 31,37,000
66	Potency of rGO as electron transport layer to enhance the photovoltaic behavior for perovskite solar cell application.	2022-2025	Science and Engineering Research Board	₹ 28,01,120
67	Inclusive Technology Business Incubator (i-TBI)	2022-2023	Department of Science and Technology	₹ 4,65,88,000
68	Elucidating the impact and biological relevance of cellular senescence in macrophage aging and identification of mitigative nutritional immunotherapy	2022-2024	Science and Engineering Research Board	₹ 46,00,000
69	Technology Innovation Hub	2022-2024	iHUB DivyaSampark	₹ 20,47,000
70	Nanotechnology Laboratory	2022-2023	Vardhman Textiles Limited	₹ 4,95,00,000
71	Extraction of Anti-viral H1N1 Drug Precursor Shikimic Acid and Related Cyclitols from Himalayan Medicinal Plants and their Value Addition for Valuable Scaffolds	2023-2025	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 6,20,000
72	DST PURSE	2023-2025	Department of Science and Technology	₹ 9,00,00,000
73	Eggshell powdered-nanocarbon (Ep-NC) impregnated mixed matrix filtration membrane develop	2023-2025	UCSI University	₹ 7,04,030
74	Creation of central Facility at Shoolini University	2023-2024	iHUB DivyaSampark	₹ 47,70,060
75	Spark-Break: IoT based fire control device to prevent fire accidents in firecracker manufacturing industries	2023-2025	iHUB DivyaSampark	₹ 9,99,860
76	Digital Twins empowered Drones to assist the farmers to optimize the agricultural Field Yard	2023-2025	iHUB DivyaSampark	₹ 9,99,860
77	Development of Android Assistive application (Device) for Alzheimer Patients and Caregivers	2023-2025	iHUB DivyaSampark	₹ 10,00,000
78	Smart and Secure Farming using IMLoT	2023-2025	iHUB DivyaSampark	₹ 10,00,000
79	A cost-effective automatic device for the detection and quantification of antimicrobial activity of compounds and extracts	2023-2025	iHUB DivyaSampark	₹ 9,50,000
80	Development and evaluation of efinaconazole loaded proposomal gel for treatment of onychomycosis	2024-2027	Science and Engineering Research Board	₹ 25,59,832
Total				₹ 39,75,64,077


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Shoolini University: Status of Lecture Halls											
S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
1	A	301	Lecture Hall	42	Yes	Yes	Yes	-----	Yes	Yes	Yes
2	A	302	Lecture Hall	45	Yes	Yes	Yes	-----	Yes	Yes	Yes
3	B	101	PDH	179	Yes	Yes	Yes	-----	-----	Yes	Yes
4	C	101	IT Lab 1	27	LED Screen	LED Screen	Yes	-----	-----	Yes	Yes
5	C	102	IT LAB 2	26	LED Screen	LED Screen	Yes	-----	-----	No	Yes
6	C	201	Meditation Hall	65	Yes	Yes	Yes	-----	-----	Yes	Yes
7	C	202	Yoga Practical / Lecture Hall	20	Yes	Yes	Yes	-----	-----	Yes	Yes
8	C	301 E	Lecture Hall	66	Yes	Yes	Yes	-----	Yes	Yes	Yes
9	C	303 E	Lecture Hall	61	Yes	Yes	Yes	-----	-----	Yes	Yes
9A	C	401	Lecture Hall	56	Yes	Yes	Yes	-----	-----	Yes	Yes
10	C	501	Lecture Hall	75	Yes	Yes	Yes	-----	Yes	Yes	Yes
11	C		RTH	150	Yes	Yes	Yes	-----	-----	Yes	Yes
12	D	105	Lecture Hall	77	Yes	Yes	Glass Board	-----	Yes	Yes	Yes
13	D	106	Lecture Hall	50	Yes	Yes	Glass Board	-----	Yes	Yes	Yes
14	D	203	Lecture Hall	112	Yes	Yes	Yes	-----	-----	Yes	Yes
15	D	204	Seminar Hall	17	Yes	Yes	-----	-----	Yes	Yes	Yes
16	D	306	Lecture Hall	96	Yes	Yes	Yes	-----	Yes	Yes	Yes
17	E	101	Computer Centre	60	-----	-----	Yes	-----	Yes	Yes	Yes
18	E	102	Visvesvarya Hall	30	Yes	Yes	Yes	-----	-----	Yes	Yes
19	E	301	Lecture Hall	84	Yes	Yes	Yes	-----	Yes	Yes	Yes
20	E	303A	Lecture Hall	40	Yes	Yes	Yes	-----	Yes	Yes	Yes
21	E	303B	Lecture Hall	45	Yes	Yes	Yes	-----	Yes	Yes	Yes


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 SCIENCES SOLAN (H.P.)


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22	F	101	Lecture Hall	83	Yes	yes	Yes	-----	Yes	Yes	Yes
23	F	102	Lecture Hall	84	Yes	yes	Yes	-----	Yes	Yes	Yes


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S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
24	F	103	Lecture Hall	84	Yes	yes	Yes	-----	Yes	Yes	Yes
25	F	5th floor	Lecture Hall-I	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
26	F	5th floor	Lecture Hall -II	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
27	F	5th floor	Lecture Hall- III	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
28	F	5th floor	Lecture Hall- IV	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
29	F	5th floor	Seminar Hall	54	-----	-----	Yes	-----	-----	Yes	Yes
30	G	202	Lecture Hall	70	Yes	Yes	Yes	-----	Yes	Yes	Yes
31	G	302	Lecture Hall	88	Yes	Yes	Yes	-----	Yes	Yes	Yes
32	G	303	Lecture Hall	70	Yes	Yes	Yes	-----	-----	Yes	Yes
33	G	304	Lecture Hall	69	Yes	Yes	Yes	-----	Yes	Yes	Yes
34	G	403	Lecture Hall	105	Yes	Yes	Yes	-----	-----	Yes	Yes
35	G	502	Lecture Hall	48	Yes	Yes	Glass Board	LCD	Yes	Yes	Yes
36	G	503	Lecture Hall	48	Yes	Yes	Glass Board	LCD	Yes	Yes	Yes
37	G	504	Lecture Hall	48	Yes	Yes	Glass Board	LCD	Yes	Yes	Yes
38	G	701	Steve Jobs with tv	48	Yes	Yes	Glass Board	LCD	Yes	Yes	Yes
39	G	702	LH with tv	38	LED Screen	LED Screen	Glass Board	LCD	Yes	Yes	Yes
40	G		APJ	176	Yes	Yes	Glass Board	-----	Yes	Yes	Yes
41	H	202	Lecture Hall	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
42	H	203	Lecture Hall	64	Yes	Yes	Yes	-----	Yes	Yes	Yes
43	H	302	Lecture Hall	78	Yes	Yes	Yes	-----	Yes	Yes	Yes
44	H	401	Lecture Hall	39	LED Screen	LED Screen	Yes	-----	-----	Yes	Yes


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S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
45	H	402	Lecture Hall	86	Yes	Yes	Yes	-----	Yes	Yes	Yes
46	H	502	Lecture Hall	94	Yes	Yes	Yes	-----	Yes	Yes	Yes
47	H	503	Lecture Hall	87	Yes	Yes	Yes	-----	Yes	Yes	Yes
48	H	602	Lecture Hall	78	Yes	Yes	Yes	-----	Yes	Yes	Yes
49	H	701L	Lecture Hall	100	Yes	Yes	Glass Board	-----	Yes	Yes	Yes
50	H	701U	Moot Court	76	Yes	Yes	Glass Board	-----	-----	Yes	Yes
51			Cineplex	100	Yes	Yes	Yes	-----	-----	Yes	Yes
52	Chalet		Meeting Room	30	-----	-----	-----	-----	-----	Yes	Yes
53	New Agriculture Block	SA403	Seminar Room	6	Yes	Yes	-----	-----	-----	Yes	Yes
54	New Agriculture Block	SA301	Smart Lecture Room	30	Yes	-----	Yes	-----	Yes	Yes	Yes
55	New Agriculture Block	SA305	Smart Lecture Room	30	Yes	Yes	Yes	-----	Yes	Yes	Yes
56	New Agriculture Block	SA201	Smart Lecture Room	30	Yes	Yes	Yes	-----	Yes	Yes	Yes
57	New Agriculture Block	SA205	Smart Lecture Room	60	Yes	-----	Yes	-----	-----	Yes	Yes
58	New Agriculture Block	SA206	Smart Lecture Room	60	Yes	Yes	Yes	-----	Yes	Yes	Yes
59	New Agriculture Block	SA101	Smart Lecture Room	30	Yes	-----	Yes	-----	Yes	Yes	Yes
60	New Agriculture Block	SA106	Smart Lecture Room	60	Yes	-----	Yes	-----	Yes	Yes	Yes
61	New Agriculture Block	SA107	Smart Lecture Room	50	Yes	Yes	Yes	-----	Yes	Yes	Yes
62	Hut	Dr. YS Parmar	E studio	11	-----	-----	Yes	Glass Board	-----	Yes	Yes
63	Hut	Chanakya	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes
64	Hut	Charaka	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes
65	Hut	S Dhawan	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes


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66	Hut	Vasishtha	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes
67	Hut	Pāṇini	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes
68	Hut	RamaKrishna	E studio	8	-----	-----	Yes	-----	-----	Yes	Yes


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Shoolini University: Status of Labs

S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
Faculty of Biotechnology & Applied Sciences											
1	A	101	Microbiology Research Lab	23	----	----	----	----	----	Yes	Yes
2	A	103	Biotechnology Research Lab	30	----	----	----	----	----	Yes	Yes
3	A	104	Plant Physiology Lab	9	----	----	----	----	----	Yes	Yes
4	A	105	Raman Lab	15	----	----	----	----	----	Yes	Yes
5	A	203	Botony Practical Lab	41	Yes	Yes	----	----	----	Yes	Yes
6	A	204	Psychology Lab (under Construction)		----	----	Yes	----	----	Yes	Yes
7	A	205	Biotechnology UG Lab	41	----	----	----	Yes	----	Yes	Yes
8	A	303	Micro PG lab	21	----	----	----	Yes	----	Yes	Yes
9	A	304	Herbarium & drug Museum	4	----	----	----	----	----	Yes	Yes
10	A	305	Microbiology UG Lab	25	----	----	----	Yes	----	Yes	Yes
11	A	306	Mycology Research Lab	15	----	----	----	----	----	Yes	Yes
12	A	402	Zoology Lab-I	23	Yes	----	Yes	----	----	Yes	Yes
13	A	403	Gene Regulation Research Lab	11	----	----	Yes	----	----	Yes	Yes
14	A	405	Zoology Lab-II	23	----	----	----	Yes	----	Yes	Yes
15	A	406	Botony Research Lab-III	5	----	----	----	----	----	Yes	Yes
16	B	201	Rearch Lab (Molecular Immuno-Parasitology lab)	24	----	----	----	----	----	Yes	Yes
17	B	202	Plant Tissue Culture Lab (Growth Chamber)	No Sitting	----	----	----	----	----	Yes	Yes
18	B	203	Animal Tissue Culture Lab	37	----	----	----	----	----	Yes	Yes
19	B	204	Plant Tissue Culture Lab (Prepartion Room)	No Sitting	----	----	----	----	----	Yes	Yes
20	B	205	Biotechnology PG Lab	29	----	----	----	Yes	----	Yes	Yes


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S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
21	B	206	Museum/Herbarium/Yeast Biology Lab	6	----	----	----	----	----	Yes	Yes
22	B	301	Molecular Plant Microbe Interaction Lab	9	----	----	----	----	----	Yes	Yes
23	B	303	Fermentation Technology lab	35	----	----	----	Yes	----	Yes	Yes
24	B	304	Enzyme Technology Lab	4	----	----	----	----	----	Yes	Yes
25	B	306	DST Fist Lab	5	----	----	----	----	----	Yes	Yes
26	C	302	Horticulture & Agroforestry Lab	20	----	----	Yes	----	Yes	Yes	Yes
			Plant Protection Lab	30	----	----	----	----	Yes	Yes	Yes
			Soil Science & Agriculture Chemistry Lab	8	----	----	----	Yes	Yes	Yes	Yes
27	C	401	Agronomy Lab	20	----	----	Yes	----	----	Yes	Yes
Faculty of Pharmaceutical Scences											
28	D	102	Machine Room	10	Yes	No	Yes	No	Yes	No	Yes
29	D	201	Pharmaceutics Lab	28	----	----	----	Yes	----	Yes	Yes
30	D	205	Pharmaceutics Lab-II PG	15	----	----	----	Yes	----	Yes	Yes
31	D	207	Pharmaceutics Lab-III	22	----	----	----	Yes	----	Yes	Yes
32	D	301	Pharmacognosy Lab	15	----	----	----	Yes	Yes	Yes	Yes
33	D	303	Pharmacology Lab-I	23	----	----	----	Yes	Yes	Yes	Yes
34	D	304	Advance Molecular	19	----	----	----	----	Yes	Yes	Yes
35	D	305	Pharmacology Lab-II	15	----	----	Yes	----	Yes	Yes	Yes
36	D	401	Bioengineering Food tech Lab	No sitting	----	----	----	Yes	Yes	Yes	Yes
37	D	403	Pharmaceutical Lab-II	No sitting	----	----	----	Yes	Yes	Yes	Yes
38	D	404	Pharmacology Research Lab	No sitting	----	----	----	Yes	Yes	Yes	Yes
39	D	406	Nutrition Dietetics Lab	15	----	----	----	Yes	Yes	Yes	Yes


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40	D	407	Drug Discovery Lab	25	----	----	----	Yes	Yes	Yes	Yes
----	---	-----	--------------------	----	------	------	------	-----	-----	-----	-----


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S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
41	D		Workshop - I (Machine and Welding)	20	----	----	----	Yes	Yes	Yes	Yes
42	E	201	Computer Lab III	27	Yes	Yes	Yes	----	Yes	Yes	Yes
43	E	207	Computer Lab II (Reliance lab)	32	Yes	Yes	Yes	----	Yes	Yes	Yes

Faculty of Biotechnology & Applied Sciences

44	E	302	Food Science & Technology Lab	35	----	----	----	Yes	----	Yes	Yes
45	E	304	Food & Technology Lab	30	----	----	----	Yes	Yes	Yes	Yes
46	E	306	Biochemistry Lab	32	----	----	----	Yes	----	Yes	Yes
47	E	401	Bioengineering Lab-I	30	----	----	----	Yes	Yes	Yes	Yes
48	E	402	MATLAB	19	----	----	----	Yes	Yes	Yes	Yes
49	E	404	Lab I-Food Quality/ Analytical lab	10	----	----	----	----	Yes	Yes	Yes
			Lab II-Biosenser Technology Lab	5	----	----	----	----	Yes	Yes	Yes
			Microbiology Lab(Seminar Hall)	19	Yes	Yes	----	Yes	Yes	Yes	Yes

Faculty of Sciences

50	F	201	Condensed Material lab	6	----	----	----	Yes	Yes	Yes	Yes
51	F	202	Environment Engg. lab	9	----	----	----	Yes	----	Yes	Yes
52	F	203	Workshop - II (Fitting and Carpantery)	20	----	----	----	Yes	----	Yes	Yes
53	F	204	Surveying and Structure lab	16	----	----	----	Yes	----	Yes	Yes
54	F	205	Fluid mechanics & Automobile Lab	15	Yes	Yes	Yes	----	Yes	Yes	Yes
55	F	206	TOM and I C Engine lab	25	----	----	----	Yes	----	Yes	Yes
56	F	208	Organic Chemisty lab	12	----	----	----	Yes	Yes	Yes	Yes
57	F	209	Inorganic Chemisty lab	11	----	----	----	Yes	Yes	Yes	Yes
58	F	301	Optics lab(Dark room)	15	----	----	----	Yes	Yes	Yes	Yes
59	F	302	Physics-Basic Electronics lab	15	----	----	----	Yes	Yes	Yes	Yes


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60	F	303	B Sc Physics lab	No Sitting	----	----	----	Yes	----	Yes	Yes
----	---	-----	------------------	------------	------	------	------	-----	------	-----	-----


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S.No	Block	Room No.	Remarks	Capacity	Projector	Screen	White Board	Green Board	LAN	Wifi	Charging Point
61	F	304	Advance Oxidation lab	10	----	----	----	Yes	----	Yes	Yes
62	F	305	NanoTechnology lab	12	----	----	----	----	Yes	Yes	Yes
63	F	306	Physics lab	17	----	----	----	Yes	Yes	Yes	Yes
64	F	307	Basic Electrical & Electronics lab	21	----	----	----	Yes	----	Yes	Yes
65	F	308	Physical Chemistry lab	7	----	----	----	Yes	Yes	Yes	Yes
66	F	309	High Energy Lab	18	Yes	Yes	----	----	Yes	Yes	Yes
67	F	4th floor	IT Lab	12	----	----	Yes	----	----	Yes	Yes
68	F	Ground Floor	R & AC	26	----	----	----	Yes	----	Yes	Yes
69	F	Ground Floor	HighWay, Soil Lab,ECE & EE Labs	19	----	----	Yes	----	----	Yes	Yes
70	G	401	Shoolini Radio	----	----	----	----	----	----	Yes	Yes
71	G	402	Environmental & Sustainability Lab	10	----	----	Yes	----	----	Yes	Yes
72	G	703	Research Cell	8	Yes	Yes	----	----	Yes	Yes	Yes
73	H	101	Hydraulic Machines lab	20	----	----	Yes	----	----	Yes	Yes
Faculty of Agriculture											
74	New Agriculture Block	SA405	Pathology Lab	27	Yes	----	Yes	----	Yes	Yes	Yes
75	New Agriculture Block	SA406	Plant Breeding lab	28	Yes	----	Yes	----	Yes	Yes	Yes
76	New Agriculture Block	SA303	Agronomy Lab	19	Yes	----	Yes	----	Yes	Yes	Yes
77	New Agriculture Block	SA302	Soil Science Lab	21	Yes	----	Yes	----	Yes	Yes	Yes
78	New Agriculture Block	SA203	Entomology Lab	29	Yes	Yes	Yes	----	Yes	Yes	Yes


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79	New Agriculture Block	SA104	Horticulture Lab	22	Yes	---	Yes	---	Yes	Yes	Yes
----	-----------------------------	-------	------------------	----	-----	-----	-----	-----	-----	-----	-----


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जमा-पुष्टि
 CONFIRMATION OF DEPOSIT

खाता सं./Branch SL No. 043300	ग्राहक आई.डी.नं./Customer I.D.No. AQ0001065	खाता सं./Account No. 043300PU00038093	श्रेणी/Category 21362408	विकास के तरीके/Mode of Creation SELF
प्राप्त/Received from Sn/Smt./Ms FOUNDATION FOR LIFE SCIENCES AND BUSINESS MANAGEMENT ANAND CAMPUS THE MALL SOLAN, SOLAN, HIMACHAL PRADESH				विकास की शर्त/Condition of M विकास की शर्त/Condition of M
रु./₹ 1,99,00,000.00RS.	for a period of 444 days	की अवधि के लिए at the rate of 7.25%	प्रतिवर्ष की दर से per annum	विकास/Category INCOME
One Crore Ninety Nine Lakh only.				विकास की शर्त/Condition of M Repayment of interest paye
आवृत्ति/Date of Issue 15-01-2024	प्रभावी तारीख/w.e.f 25-05-2023	परिपक्वता की तारीख/Date of Maturity 11-08-2024	परिपक्वता मूल्य/Maturity Value 2,17,13,732.00	
योजना/Scheme FD-SUGAM DEPOSIT [CUM]				खाता संख्या में कर्जा बकाया ब्याज/Interest to be credited to A/c No. Repaymt Ac - No Repaymt AC
Pan Number: AAATF1283A				

मैं इससे उपरोक्त जमा राशि स्वीकार करने की पुष्टि करता हूँ।
 I confirm having accepted from you the above deposit.
 वास्तविक सूचना के लिए कृपया पृष्ठ को धीरे से खोलें।
 Please open the reverse for important information.

अधिकृत हस्ताक्षरकर्ता (जि.बी.पी.नं. ०)
 Authorised Signatory (GBPA No.)

अधिकृत हस्ताक्षरकर्ता (जि.बी.पी.नं. ०)
 Authorised Signatory (GBPA No.)

पंजाब नैशनल बैंक Punjab national bank

पंजाब प्लॉट संख्या 4, सेक्टर-10, द्वारका, नई दिल्ली H.O. Plot No.-4, Sector-10, Dwaraka, New Delhi www.pnb.co.in


जमा-पुष्टि
 CONFIRMATION OF DEPOSIT

खाता सं./Branch SL No. 043300	ग्राहक आई.डी.नं./Customer I.D.No. AQ0001065	खाता सं./Account No. 043300DP00052599	श्रेणी/Category 21362380	विकास के तरीके/Mode of Creation SELF
प्राप्त/Received from Sn/Smt./Ms FOUNDATION FOR LIFE SCIENCES AND BUSINESS MANAGEMENT ANAND CAMPUS THE MALL SOLAN, SOLAN, HIMACHAL PRADESH				विकास की शर्त/Condition of M विकास की शर्त/Condition of M
रु./₹ 1,99,00,000.00RS.	for a period of 1 yrs	की अवधि के लिए at the rate of 6.75%	प्रतिवर्ष की दर से per annum	विकास/Category INCOME
One Crore Ninety Nine Lakh only.				विकास की शर्त/Condition of M Repayment of interest paye
आवृत्ति/Date of Issue 15-01-2024	प्रभावी तारीख/w.e.f 26-10-2023	परिपक्वता की तारीख/Date of Maturity 26-10-2024	परिपक्वता मूल्य/Maturity Value 2,12,77,635.00	
योजना/Scheme MULTIBENEFIT DEP-MATURIT				खाता संख्या में कर्जा बकाया ब्याज/Interest to be credited to A/c No. Repaymt Ac - No Repaymt AC
Pan Number: AAATF1283A				

मैं इससे उपरोक्त जमा राशि स्वीकार करने की पुष्टि करता हूँ।
 I confirm having accepted from you the above deposit.
 वास्तविक सूचना के लिए कृपया पृष्ठ को धीरे से खोलें।
 Please open the reverse for important information.

अधिकृत हस्ताक्षरकर्ता (जि.बी.पी.नं. ०)
 Authorised Signatory (GBPA No.)

अधिकृत हस्ताक्षरकर्ता (जि.बी.पी.नं. ०)
 Authorised Signatory (GBPA No.)


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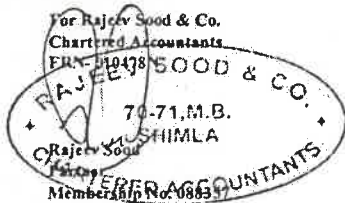

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**Foundation For Life Sciences And Business Management
Anand Campus, Solan, H.P.**

BALANCE SHEET AS ON 31/03/2023

		(Amount In Rs.)	
Particulars	Note No	As at 31.03.2023	As at 31.03.2022
Sources of Funds			
Reserve & Surplus	1	595,359,026	560,183,857
Unsecured Loan from Members	2	21,198,901	21,150,353
Long Term Borrowings	3	353,426,427	308,262,669
Non Current Liabilities	4	124,132,139	114,766,401
Current Liabilities and Provisions	5	257,495,857	222,456,331
Total		1,351,612,349	1,226,819,611
Application of Funds			
Fixed Assets	6		
Tangible Assets		902,848,732	777,445,730
Capital Work- In- Progress	7	39,691,199	6,787,163
Non Current Assets			
Capital Advances	8	39,565,862	23,565,864
Current Assets			
Other Current Assets	9	73,090,710	63,540,765
Cash & Cash Equivalents	10	171,837,821	294,206,982
Loans and Advances	11	124,578,026	61,273,107
Total		1,351,612,349	1,226,819,611

Notes To Accounts



For and behalf of Board of Governors of Foundation For Life Sciences And Business Management

[Signature]
Vishal Anand
Treasurer

[Signature]
Saroj Khosla
President

Place :
Date :

Place :
Date :

Place :
Date :

[Signature]
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)



[Signature]
Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

1. A. General Fund of Foundation For Life Sciences And Business Management

	As at 31.03.2023	As at 31.03.2022
Particular:	Amount (Rs.)	Amount (Rs.)
Opening Balance	560,183,850	525,551,560
Less: (Deficit)/Surplus during for the year	6,349,104	14,612,201
Closing Balance	566,533,051	560,183,850
B. Capital reserve		
	28,425,978	
	28,425,978	

Notes: Capital Reserve represents the grant received for the capital expenditure and same has been utilized for fixed assets. The grant received for capital work has been routed through profit and loss account and fixed assets against the grant is shown as capital work in progress as same has not yet been completed. However, no depreciation has been charged on these fixed assets during the FY 2022-23 as the same has not been put into use. The financial statements are not in compliance with AS 12 in respect of this particular transaction.

2. Unsecured Loan from Members

Particular	Amount (Rs.)	Amount (Rs.)
Unsecured Loan from Members	11,198,001	11,198,143
Total	11,198,001	11,198,143

3. Long Term Borrowings

Particular	Amount (Rs.)	Amount (Rs.)
Bank Overdraft facility: 009100010090	140,000,000	99,739,300
Demand Loan	71,000,000	77,198,000
Car Loan	7,711,000	1,516,000
Bank Overdraft facility: 0430001000002190	71,400,000	23,891,190
Term loan	10,000,000	10,777,000
Credit card A/c	11,000	
Total	311,111,000	313,121,490

4. Non Current Liabilities

Particular	Amount (Rs.)	Amount (Rs.)
Hotel Security Deposits	1,397,000	1,317,500
Quinn Security Deposits	91,400,000	91,400,000
Library Security Deposits	70,000	1,011,000
Provision for Guarantees	99,900,000	99,900,000
Total	162,797,000	193,628,500

5. Current Liabilities and Provisions

Particular	Amount (Rs.)	Amount (Rs.)
Fees Pending Reconciliation	1,100,000	1,000,000
Students Disbursement Fund	100,000	100,000
Duties & Taxes	1,100,000	1,000,000
Supplier Creditors	30,000,000	20,000,000
Confidence Grant	1,000,000	1,000,000
Students Exchange Program	1,000,000	1,000,000
Left Students Payable	1,441,000	1,399,000
Salary Payable	10,000,000	10,000,000
Teaching Group Payable	100,000	100,000
Faculty Club Income	1,000	1,000
Miscellaneous Payable	100,000	100,000
H.P. Private Edu. Soc. Reg. Chmn	100,000	100,000
Security Payable	100,000	100,000
Deferred Revenue (Ratn Nand)	100,000	100,000
Hotel Fees Payable	1,000,000	1,000,000
Total	117,741,000	117,741,000

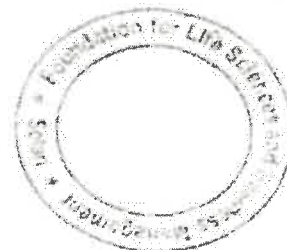
Notes: The amount has pending reconciliation, totaling Rs. 11,200 lakhs, has already been accounted for in the income statement and included in the debtors' balances. However, for internal control purposes, they are separately displayed in this report to highlight that a reconciliation with the students regarding these dues is pending.

*** Capital Work in Progress**

Particular	Amount (Rs.)	Amount (Rs.)
Capital Work in Progress	10,000,000	10,000,000
Total	10,000,000	10,000,000

B. Capital Advances

Particular	Amount (Rs.)	Amount (Rs.)
Capital Advances	10,000,000	10,000,000
Total	10,000,000	10,000,000



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SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

9 Current Assets		
Particular	Amount (Rs.)	Amount (Rs.)
Sundry Debtor	73,090,710	81,960,452
Less Provision for Bad & Doubtful Debts	-	(18,419,687)
Total	73,090,710	63,540,765

Note:- It appears that in the last audited financial statement for the financial year 2021-22, there was a provision for bad or doubtful debts recorded. However, in the books of accounts for the financial year 2022-23, this provision is no longer present because it was adjusted with the bad debts that were written off.

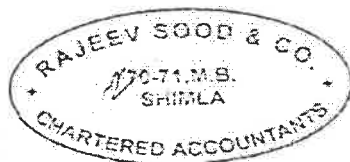
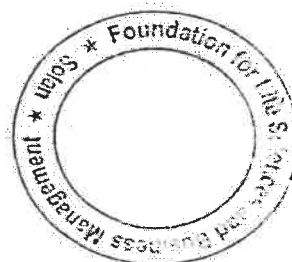
10 Cash & Cash Equivalent		
Particular	Amount (Rs.)	Amount (Rs.)
Cash in Hand	248,298	341,371
Bank Balance	14,902,875	118,338,852
Term Deposits	156,686,648	175,526,759
Total	171,837,821	294,206,982

11 Loans & Advances		
Particular	Amount (Rs.)	Amount (Rs.)
Prepaid Expenses	3,306,303	11,537,970
Loans & Advances	107,966,404	39,663,969
TDS Receivable	3,272,473	1,927,898
Security Deposits	2,342,533	2,142,553
Other Advances	2,722,107	1,100,846
Interest Accrued but not due on Deposits	4,968,186	4,899,871
Total	124,578,026	61,273,107

12 Receipts		
Particular	Amount (Rs.)	Amount (Rs.)
Tuition Fees	569,652,621	506,813,236
Re-Admission Fees	130,000	283,500
Prospectus Fees	6,889,853	5,796,340
Admission Fees	195,000	-
Development/Annual Charges	1,765,000	1,845,000
Counselling Fees	-	15,800
Fine/Late Fees	1,467,534	312,495
Examination Fees/Re-appear Fee/Re-valuation Fees	7,225,169	5,688,352
Room Rent/Hostel Fees	24,792,390	12,594,399
Total	612,117,567	533,349,122

13 Grants & Donations		
Particular	Amount (Rs.)	Amount (Rs.)
Research Project Income	26,913,153	14,463,452
Donation Others	2,126,500	6,209,433
Training Project Income	977,000	350,907
Total	40,016,653	21,023,792

Sanjay



G. D.
Registrar

Shoolini University of Biotechnology
& Management Sciences
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Sanjay
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SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

14 Other Income

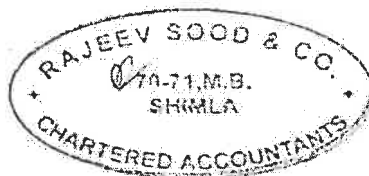
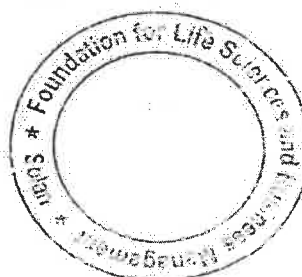
Particular	Amount (Rs.)	Amount (Rs.)
Interest Income	9,717,915	8,331,143
Interest from Income Tax Refund	-	53,423
Rent Income	-	917,102
Income From Transport	4,471,218	1,705,670
Conference	191,748	250,000
Document Verification fees	305,000	364,000
Consultancy income	876,129	-
Chreche Income	6,050	33,950
Flowerist Income	355,571	16,035
Pare Programme & Fest	453,222	-
Library Income	-	9,759
Degree fees	1,140,442	971,160
Income from GHS (Revenue Sharing)	3,635,489	-
Income From Shoolini Food Processing Unit	6,800	-
Winter internship programme	20,000	-
Vogananda Village Income	1,109,190	-
Agriculture Income	141,223	204,299
Income From Coffee Machine Income	181,781	100,170
Daffodils Income	2,217	259,800
Gym Membership Fees	268,725	63,750
Receipts From Health Centre	2,210	2,190
Moot Court Competition	4,200	27,000
Mud Hut Restaurant	93,475	110,670
Project Income	359,714	189,381
Shoolini Chalet	1,196,033	1,081
STP	1,334,441	1,183,877
Thesis Submission Fees	166,500	127,500
T-Shirts Income	251,700	10,680
Liabilities Written back	13,798	1,137,962
Misc Income	917,785	684,479
Telephone Security	-	3,847
Total	27,222,567	16,958,928

15 Profit on Sale of Capital Assets

Transfer of Hostels Building and Operational Rights	39,276,917	-
Total	39,276,917	-

Notes:- In the fiscal year 2019-20, ownership of the Hostel Building and operational rights for certain hostels was transferred to GOOD HOST SPACES (SHOOLINI) PRIVATE LIMITED (GHS) for a sum of 60 crores. The consideration of Rs. 57 crores was collected in the same financial year, while 3 crores remained outstanding due to the unfinished construction of the hostel building. During the financial year 2022-23, all construction activities for the same were successfully finalized. Management has entered into an addendum to the original agreement in which amounts of Rs. 3,92,76,917/- was finalized to be received from GHS, after negotiation.

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

g. d.
Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

16 Grants and Donations

Particular	Amount (Rs.)	Amount (Rs.)
Research Project Expenses	11,992,022	7,413,309
Training Project Expenses	1,034,855	46,699
Total	13,026,877	7,460,008

17 Project Expenses

Salaries and Wages	289,402,955	264,779,051
Contribution to Provident and Other Funds	7,504,344	7,567,051
Staff Welfare	475,830	1,284,361
Honorarium to Guest Faculty	14,060,335	10,078,146
Gratuity Expense	5,567,806	-
Stipend expenses	2,377,771	757,955
Fellowship Grant	2,780,687	680,000
Total	322,169,728	285,146,764

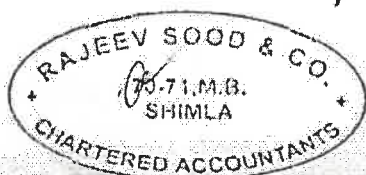
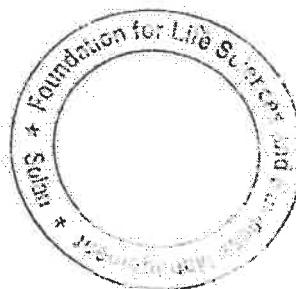
18 Academic Expenses

Particular	Amount (Rs.)	Amount (Rs.)
Laboratory Expenses	4,138,231	2,819,586
Fees & Subscription Expenses	24,790,409	8,462,829
Examination Expenses	502,560	206,711
Internet Charges	2,266,618	3,393,840
Conference/Workshop/Industrial Visits/programmes	5,527,067	2,999,136
Student Support Fund	56,869,845	17,025,067
Total	94,094,730	54,907,309

Total

19 Administrative & General Exp.

Water & Electricity	19,512,621	3,861,250
Rent expense	33,696,079	26,602,497
Postage & Telegram	126,109	184,774
Telephone	588,791	547,924
Printing & Stationery	2,874,269	709,863
Travelling & Conveyance	8,498,679	1,952,120
Hospitality	835,178	493,413
Sports expenses	1,150,830	771,878
Student Welfare Flowerist expenses	567,436	-
Student Welfare expenses	432,135	-
Legal & Professional Charges	6,171,691	5,666,066
Advertisement & Publicity	41,507,273	36,866,417
Car Running Expenses	358,690	1,786,728
Shoolini Residence expenses	114,000	-
Miscellaneous expenses	3,880,403	3,638,858
Admission Cell expenses	6,176,064	14,326,919
Convocation expenses/Funeration expenses	183,896	1,349,455
Library Journal/magazine/newspaper	1,463,970	1,449,804
Health Centre/Medicines	265,713	120,538
Placement Charges	828,771	705,681
Moksh expenses/Shoolini Chalet expenses	1,503,060	210,342
Gym expenses	1,080,000	663,595
Counseling expenses	118,265	17,456
Affiliation expenses	1,812,600	690,000
Security expenses	5,790,476	3,569,134
Freight Charges	216,012	61,680
Food & Beverages	3,344,954	2,114,248
Laundry expenses	364,987	77,329
Bad Debts written off	159,032	827,247
Inspection Fee of Himachal Pradesh University	1,044,300	-
Agriculture Farm related expenses	640,026	2,419,525
E-Learning expenses	7,723,815	5,263,749
Garbage expenses	501,958	395,700
Provision for Bad & Doubtful debts of fees	-	6,131,383
Criche Expenses	-	56,440
Covid Expenses	-	1,814,931
Yognananda ville expenses	-	177,883
Donation expenses	75,000	-
Diwali Gifts to Employees	1,551,416	-
Development Head	368,750	-
Audit fees	1,416,000	-
Insurance Expenses	1,460,751	1,481,393
Hostel Welfare Expenses	3,336,954	-
STP	492,095	-
Total	162,231,141	127,006,240



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Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

20 Transportation Expenses

Vehicle Running Expenses
Bus Taxes & Fees

7,368,016	4,842,348
850,475	457,576
<u>8,418,491</u>	<u>5,299,924</u>

21 Repair & Maintenance

Repair & Maintenance Expenses
Sanitation Expenses
Furnishing of University

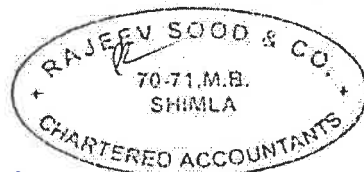
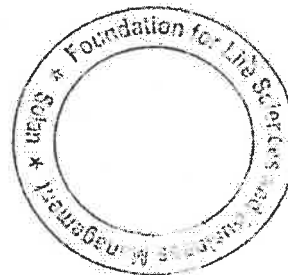
8,765,397	5,202,763
8,600,535	6,698,098
1,920,790	806,517
<u>19,286,722</u>	<u>12,707,378</u>

22 Finance Cost

Interest on unsecured loans from members
Interest on borrowings from Banks
Bank Charges

683,388	923,842
26,549,579	15,369,063
2,080,180	849,450
<u>29,313,147</u>	<u>17,142,355</u>

Singh



Prakash

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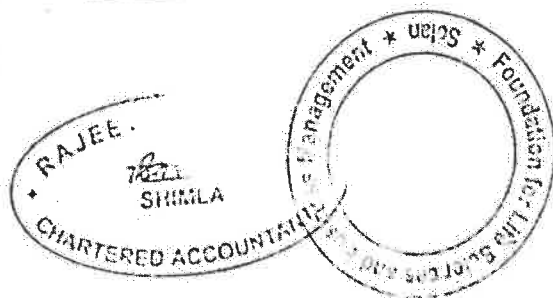
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Registrar

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& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2023
(All amount in Indian Rupees, unless otherwise stated)

Schedule - F Tangible Assets
Shoolini University of Biotech & Management Sciences

Schedule - F Tangible Assets		Shoolini University of Biotech & Management Sciences				Accumulated Depreciation				Net Block		
Particulars	Rate	Gross Block				Balance as on March 31, 2023	For the year		Balance as on March 31, 2023	Balance as on March 31, 2023	Balance as on March 31, 2022	
		Balance as on April 1, 2022	Additions		Sale/Transfer		Balance as on April 1, 2022	March 31, 2023				
			More than 6 months use	Less than 6 months use								
Computers & Accessories	31.67%	54,290,648	6,237,062	5,167,245	-	65,694,955	41,561,507	2,793,511	-	44,355,017	21,339,938	12,729,141
Buildings	1.58%	624,038,160	2,596,769	10,737,182	-	637,372,111	53,858,699	9,985,656	-	63,844,355	573,527,756	570,179,461
Yogananda Cottage	1.58%	5,201,150	47,052	4,206,743	-	9,454,945	465,114,949	116,155	-	162,666	9,292,279	5,154,639
Agriculture Farm Asset	1.58%	2,974,421	-	-	-	2,974,421	187,983	46,996	-	234,979	2,739,442	2,736,478
Land	-	22,045,583	-	-	-	22,045,583	-	-	-	-	22,045,583	22,045,583
Land development expenses	0.00%	8,116,180	-	11,290,678	-	19,406,858	-	-	-	6,538,191	19,406,858	8,116,180
Electric Equipment	9.50%	9,670,317	95,950	2,391,331	-	12,157,598	5,496,807	1,041,354	-	5,819,407	5,819,407	4,173,510
Fire Fighting Equipment	9.50%	1,181,812	-	-	-	1,181,812	213,019	112,272	-	325,291	856,521	868,795
Furniture & Fixtures	11.88%	44,867,403	1,719,845	9,888,582	361,600	56,113,930	35,166,028	791,699	-	35,957,727	20,156,203	9,701,075
Furnishing of Girls,	11.88%	2,092,877	-	-	-	2,092,877	1,325,508	248,634	-	1,574,141	518,736	767,369
Lab Equipments	19.00%	35,305,337	986,472	4,513,732	-	40,805,541	32,253,613	-	-	32,253,613	8,551,928	3,051,724
Library Books	11.88%	9,586,386	534,027	576,845	-	10,697,258	6,744,185	1,236,570	-	7,880,754	2,716,504	2,842,201
Office Equipment	19.00%	4,893,291	-	-	-	4,893,291	-	-	-	4,893,291	-	-
Network /Lan	15.33%	2,096,297	749,418	1,632,648	-	4,478,363	2,051,433	-	-	2,051,433	2,428,930	44,864
Water Connection	9.50%	2,771,000	-	-	-	2,771,000	2,607,442	155,380	-	2,762,822	8,178	160,558
Sports Equipment	11.88%	1,311,730	-	-	-	1,311,730	650,733	155,834	-	806,566	905,164	660,997
Research Project Assets	19.00%	35,171,031	3,638,612	38,874,397	-	77,684,040	28,629,670	8,077,472	-	36,707,142	40,976,898	8,541,360
Training Project Assets	19.00%	73,894	-	27,400	-	73,894	73,894	-	-	73,894	-	-
Musical Instruments	11.88%	118,525	-	-	-	145,925	99,311	15,708	-	115,019	30,906	19,214
Buses	15.83%	23,038,189	-	-	-	23,038,189	23,038,189	-	-	23,038,189	0	0
Solar system	9.50%	1,351,860	-	-	-	1,351,860	1,006,899	128,427	-	1,135,526	216,534	344,961
Vehicle	15.83%	6,330,212	1,038,935	985,588	-	8,354,735	4,286,211	1,244,545	-	5,530,756	2,823,979	2,044,301
Food & Beverages Equipments	9.50%	1,380,651	-	-	-	1,380,651	489,686	131,162	-	620,848	759,803	890,963
Patents	25.00%	17,807,021	2,516,707	4,402,937	-	24,726,665	7,881,891	1,179,544	-	9,063,435	15,663,230	9,823,130
DO Sets	19%	1,416,000	1,616,600	-	-	3,032,600	403,560	576,194	-	979,754	2,052,846	1,012,440
E Learning Assets	15.83%	1,931,852	435,335	-	-	2,367,187	537,639	374,726	-	932,365	1,434,822	1,374,213
Telephone Mobile sets	19%	201,707	227,700	39,299	-	468,706	36,791	85,321	-	122,111	346,595	184,916
Faculty club assets	11.88%	33,376	-	-	-	33,376	1,983	3,965	-	5,948	27,428	31,393
School of designing	1.58%	-	768,655	1,023,877	-	1,792,532	-	20,233	-	20,233	1,772,299	-
Total		919,296,610	13,289,139	95,758,484	361,600	1,037,902,633	253,544,481	28,521,386	-	282,085,867	755,816,766	665,732,129



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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

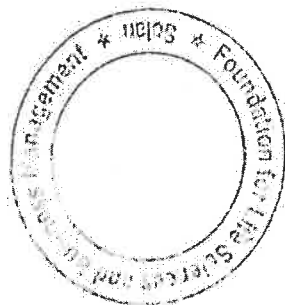
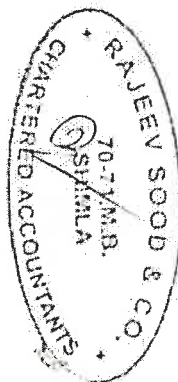
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Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Schedule - F Tangible Assets (Contd.)
Construction Division

Particulars	RATE	GROSS BLOCK				Accumulated Depreciation				Net Block	
		Balance as on April 1, 2022	Additions		Balance as on Dec 30, 2022	Balance as on April 1, 2022	For the year ended March 31, 2021	For the Year ended March 31, 2023	Balance as on March 31, 2023	Balance as on March 31, 2023	Balance as on April 1, 2022
			More than 6 months use	Less than 6 months use							
Furniture & Fixtures	11.88%	17,437,361	1,091,101	2,277,191	21,705,653	1,079,520	-	2,441,366	4,122,887	17,582,766	15,757,841
Fire Fighting Equipment	9.50%	1,141,452	-	-	1,141,452	286,952	-	108,438	395,390	746,062	834,500
RO Plant	9.50%	1,031,330	-	-	1,031,330	191,904	-	97,976	489,881	541,449	639,426
Electrical Equipment	9.50%	3,291,073	458,545	319,811	4,069,429	811,663	-	371,405	1,183,067	2,886,362	2,479,410
Water Filter & connections	6.33%	2,357,547	-	194,664	2,552,211	447,699	-	155,394	603,993	1,949,118	1,969,348
Car	15.83%	879,000	-	-	879,000	695,729	-	139,146	834,874	44,126	183,271
Electronics Equipment	9.50%	-	30,079	482,102	512,181	-	-	25,757	25,757	486,424	-
computer	31.67%	-	-	22,452	22,452	-	-	3,555	1,555	18,897	-
Building	1.58%	-	-	34,705,060	34,705,060	-	-	274,170	274,170	34,430,890	-
Total		26,137,763	2,479,725	38,001,280	66,618,768	4,313,467	-	3,619,208	7,932,675	58,686,094	21,824,296

CAPITAL WORK IN PROGRESS

Capital work in progress	6,787,163	10,707,465	-	17,494,628	11,885,287	-	-	-	-	11,885,287	-
Advance Computer & Artificial Intelligence Buildi	-	11,885,287	-	1,239,652	-	-	-	-	-	-	-
Distance Education (ODL) Exp	-	1,239,652	-	12,456,929	-	-	-	-	-	746,827	-
New Faculty Residence	-	746,827	-	-	746,827	-	-	-	-	-	-
NEW Silb Site(Near Dental)	-	472,706	-	472,706	-	-	-	-	-	25,973,887	-
New Student Village	-	25,973,887	-	-	25,973,887	-	-	-	-	-	-
Vardhman Centre	-	129,625	-	129,625	-	-	-	-	-	-	-
Cancer Research Centre	-	83,422	-	83,422	-	-	-	-	-	1,085,198	-
Girls Hostel Tower A Block	-	27,290	-	27,290	-	-	-	-	-	-	-
New Girls Hostel D'Block	-	1,085,198	-	-	1,085,198	-	-	-	-	-	-
Elevator	-	2,665,071	-	2,665,071	-	-	-	-	-	-	-
SILB OTHER DEVELOPMENT WORK	-	20,605	-	20,605	-	-	-	-	-	-	6,787,163
V C Residence /Guest House	-	115,132	-	115,132	-	-	-	-	-	-	-
Yogananda Hut	-	-	-	-	-	-	-	-	-	39,691,199	6,787,163
	6,787,163	67,609,096	-	34,705,060	-	-	-	3,619,208	7,932,675	98,377,293	28,611,459
	32,924,926	70,088,821	38,001,280	34,705,060	66,618,768	4,313,467	-	3,619,208	7,932,675	98,377,293	28,611,459



Signature

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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SCIENCES SOLAN (H.P.)

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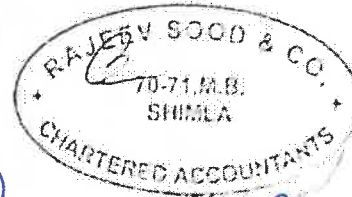
Schedule - F Tangible Assets (Contd.)

Shoolini Institute Of Life Sciences And Business Management

Particulars	RATE	Gross Block				Accumulated Depreciation				Net Block		
		Balance as on April 1, 2022	Additions		Balance* as on March 31, 2023	Balance as on April 1, 2022	For the Year ended March 31, 2023	Adjustment	Balance as on March 31, 2023	Balance as on March 31, 2023	Balance as on April 1, 2022	
			More than 6 months use	Less than 6 months use								
Computers and Accessories	31.67%	12,583,637	307,784	41,250	12,932,671	12,415,249	104,007	-	12,519,256	413,415	168,388	
Buildings	1.58%	103,975,675	-	-	103,975,675	18,136,261	1,642,816	-	19,779,076	84,196,599	85,839,414	
Electric Equipment	9.50%	2,222,779	80,000	3,960	2,306,739	1,476,664	218,952	-	1,695,616	611,123	746,115	
Fire Fighting Equipment	9.50%	25,000	-	-	25,000	25,000	-	-	25,000	-	-	
Furniture & Fixtures	11.88%	20,178,593	-	-	20,178,593	18,135,260	-	-	18,135,260	2,043,333	2,043,333	
Furnishing of Girls Hostels	11.88%	2,126,683	-	-	2,126,683	2,126,683	-	-	2,126,683	0	0.06	
Lab equipments	19.00%	18,220,181	-	-	18,220,181	18,220,181	-	-	18,220,181	-	-	
Library Books	11.88%	6,264,979	-	17,441	6,282,420	5,871,245	1,036	-	5,872,281	410,139	393,734	
Office Equipment	19.00%	2,223,863	-	-	2,223,863	2,171,876	-	-	2,171,876	51,987	51,987	
LCD	31.67%	442,777	-	-	442,777	438,787	-	-	438,787	3,990	3,990	
Sports Equipment	11.88%	327,273	-	-	327,273	296,103	-	-	296,103	31,170	31,170	
Land	0.00%	536,871	-	-	536,871	-	-	-	-	536,871	536,871	
Plant & Machinery	6.33%	368,731	-	-	368,731	304,818	23,341	-	328,158	40,573	63,913	
Vehicle car	15.83%	1,508,700	-	-	1,508,700	1,508,700	-	-	1,508,700	-	-	
Musical instruments	11.88%	31,279	-	-	31,279	20,890	3,716	-	24,606	6,673	10,389	
Total		171,037,021	387,784	62,651	171,487,456	81,147,716	1,993,868	-	83,141,583	88,345,872	89,889,305	



Shoolini



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SCIENCES SOLAN (H.P.)

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Shoolini University of Biotechnology
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Solan (H.P.)

Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2023
(All amounts in India Rupees, unless otherwise stated)

Schedule - V- Summary of significant accounting policies and Notes to Accounts

1. Background

Foundation for Life Sciences and Business Management ("FLSBM" or "Society"), Solan, H.P. was registered as a society under Societies Registration Act, 1861. The primary objective is to provide for and otherwise promote education and research in the fields of technology, science, humanities, industry, business, agriculture and to collate and disseminate in such fields effective ideas, methods, techniques and information as are likely to promote the material and Industrial welfare of India.

2. Significant Accounting Policies

a) Basis of Accounting

The financial statements of the Society have been prepared under the historical cost convention method, on the accrual basis of accounting in accordance with applicable accounting standards issued by the Institute of Chartered Accountants of India.

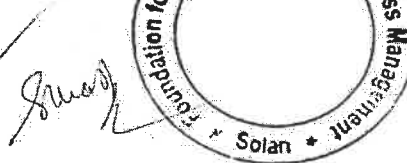
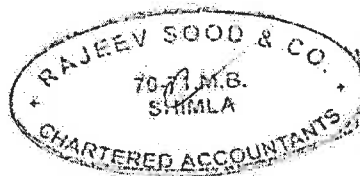
The Society is a "Level 11 Enterprise" in terms of the Scheme for applicability of Accounting Standards to Small and Medium Sized Enterprises (SMEs), issued by the Council of the Institute of Chartered Accountants of India (the 'Scheme'). This Scheme is effective in respect of accounting periods commencing on or after April 1, 2008. Pursuant to the exemptions/relaxations for SMEs as contained in the Scheme, the Accounting Standards (ASs) mentioned below are not applicable to the Society for the current year:


- AS 3 - Cash Flow Statement,
- AS 17 - Segment Reporting,
- AS 20 - Earning Per Share,
- AS 21 - Consolidated Financial Statements,
- AS 23 - Accounting for Investments in Associates in Consolidated Financial Statements,
- AS 25 - Interim Financial Reporting, and
- AS 27 - Financial Reporting of Interests in Joint Ventures.


Further, certain disclosure requirements with respect to the following Accounting Standards are also not applicable to the Society for the current year:

- AS 15 (Revised) — Employees Benefits,
- AS 19 Leases,
- AS 28 - Impairment of Assets, and
- AS 29 Provisions, Contingent Liabilities and Contingent Assets.

Accordingly, the Society is not required to disclose certain information in these financial statements pursuant to the above exemptions/relaxations.




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Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2023
(All amounts in India Rupees, unless otherwise stated)

b) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities at the date of the financial statements and the results of operations during the reporting period end. Although these estimates are based upon management's best knowledge of current events and actions, actual results could differ from these estimates.

c) Fixed Assets

- i. Fixed Assets are stated at cost less accumulated depreciation. The cost of an asset comprises its purchase price and any directly attributable costs of bringing the assets to its working condition for the intended use. The Borrowing Costs is capitalised to the value of Qualified Asset in accordance with AS 16 "Borrowing Costs"
- ii. Depreciation on fixed assets has been charged on straight line method on the following rates as below:

Category	Details of Block of Asset	Depreciation Rate %
Building	Buildings	1.58%
Plant and Machinery	Computers	31.67%
	Office Equipment	19%
	Computer Software Network	15.83%
	Equipment	9.5%
	Books	11.88%
	Plant & Machinery	6.33%
Furniture & Fixtures	Furniture & Fixtures	11.88%
Vehicle	Car/Bus	15.83%
Intangible Assets	Patents	25%

d) Revenue Recognition

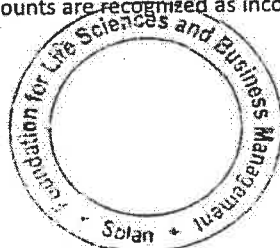
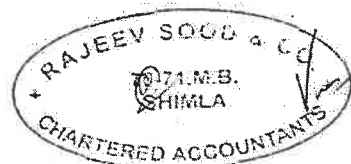
Revenue is recognized to the extent that it is probable that the economic benefits will flow to the University and the revenue can be reliably measured.

i. Tuition and Hostel Fee

Revenue from tuition and hostel fee is recognized on the due date of fees due from student at the start of semester and apportioned over the period of the semester to which they relate.

ii. Admission Fees and Fees. om Prospectus

Admission fees are non-refundable. Such amounts are recognized as income as and when received.



Signature

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Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2023
(All amounts in India Rupees, unless otherwise stated)

iii. **Examination Fees**

Examination Fees are recognized as Revenue on Completion of Examination for the given course.

iv. **Donation**

Income from donations is recorded in the books of accounts upon receipt, while the utilization of these funds is recognized in the books when corresponding expenditures are incurred.

v. **Interest**

Interest is recognized on a time proportion basis taking into account the amount outstanding and the rate applicable.

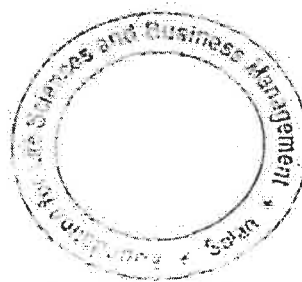
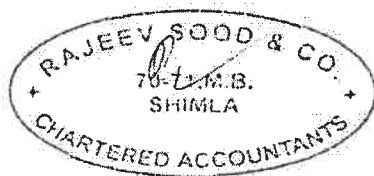
e) **Retirement Benefits**

i. Retirement benefits in the form of Provident Fund are a defined contribution scheme and the contributions are charged to the Income and Expenditure Account of the year when the contributions to the respective funds are due.

ii. Gratuity is a defined benefit obligation and is provided for on the basis of an actuarial valuation on Projected Unit Credit Method made at end of each financial year.

f) **Provisions**

A provision is recognised when the Society has a present obligation as a result of past event and it is probable that an outflow of resources will be required to settle the obligation, in respect of which a reliable estimate can be made. Provisions except those disclosed elsewhere in the financial statements, are not discounted their present value and are determined based on best management estimate required to settle the obligation at each Balance Sheet date. These are reviewed at each Balance Sheet date and are adjusted to reflect the current best management estimates.



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VICE CHANCELLOR
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Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2023
(All amounts in India Rupees, unless otherwise stated)

Notes to Accounts

- 1) Based on information available with the Society, there are no dues to micro and small enterprises, as defined in Micro, Small and Medium Enterprises Development Act, 2006 as on March 31, 2023.

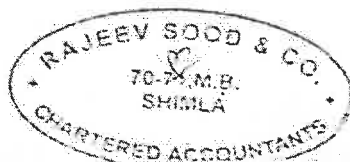
2) Related Party Disclosures

In accordance with Accounting Standard (AS)-18 on "Related Party Disclosures", issued by the Institute of Chartered Accountants of India, disclosures in respect of transactions with the Society's related parties are as follows:

Name of the Related Party	Relationship
Mr. Ashok Anand	Member of the Society
Mr. Satish Anand	Member of the Society
Mr. Vishal Anand	Member of the Society
Mr. Gagan Anand	Member of the Society
Mr. Vishal Anand	Member of the Society
Mrs. Manorama Anand	Member of the Society
Mr. Prem Khosla	Member of the Society
Mrs. Saroj Khosla	Member of the Society
Mr. Atul Khosla	Member of the Society
Mr. Ashish Khosla	Member of the Society
Mrs. Rita Anand	Relative of the Member of the Society
Mrs. Sudesh Kumari	Relative of the Member of the Society
Mr. Ramesh K Mehan	Relative of the Member of the Society
Mr. Gagan Anand	Relative of the Member of the Society
M/s Aaddoo Softech Private Limited	Members of the Society are Directors
M/s Satish Anand & Others	Members of the Society are Partners
M/s SILB Consultancy	Members of the Society are Partners
Mrs. Shivani Anand	Relative of the Member of the Society
Mr. Ashu Khosla	Relative of the Member of the Society
M/s Shoolini Life Science Private Limited	Members of the Society are Directors
M/s Ashok Kumar & Sons	Member of the Society is Karta
M/s Satish Kumar & Sons	Member of the Society is Karta

3. (a) Related Party Transactions During, the year

Name of the Related Party	During the year Ended	Interest Unsecured	Rent Expenses	Salary Payments and Benefits	Other Expenses	Reimbursement Advance for Expenses	Honorarium
Mr. Ashok Anand	31 March 2022	2,03,844	-	32,37,720	-	-	-
	31 March 2023	1,40,074	78,750	-	-	40,00,000	-
Mr. Satish Anand	31 March 2022	120,001	-	32,37,720	-	-	-
	31 March 2023	82,463	78,750	-	-	40,00,000	-
M/s Ashok Kumar & Sons	31 March 2022	-	13,94,208	-	-	-	-
	31 March 2023	1,40,074	4,15,800	-	-	40,00,000	-
M/s Satish Kumar & Sons	31 March 2022	-	43,94,203	-	-	-	-
	31 March 2023	-	4,98,980	-	-	-	-
Mr. Vishal Anand	31 March 2022	-	-	19,48,572	-	-	-
	31 March 2023	-	-	19,48,572	-	24,000	-



[Signature]
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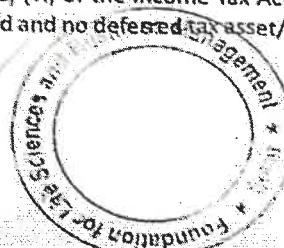
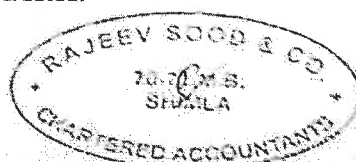
Foundation for Life Sciences and Business Management
 Annex to financial statement for the year ended March 31, 2023
 (All amounts in India Rupees, unless otherwise stated)

Mr. Manojima Anand	31 March 2022	-	-	5,74,187	-	-
Mr. Ravi Anand	31 March 2022	-	-	5,74,187	-	-
Mr. Ashok Khosla	31 March 2022	-	-	5,74,187	-	-
Mr. Ashu Khosla	31 March 2022	-	-	80,00,000	-	-
Mr. Ashu Khosla	31 March 2022	-	-	80,00,000	-	-
Mr. Ashu Khosla	31 March 2022	-	-	-	1,60,000	5,000
Mr. Sarej Khosla	31 March 2022	5,99,897	12,58,800	55,11,840	-	0
Mr. Sarej Khosla	31 March 2022	5,99,897	-	55,11,840	-	51,64,433
Mr. Atul Khosla	31 March 2022	4,43,936	-	55,06,884	-	-
Mr. Atul Khosla	31 March 2022	-	-	78,01,720	-	28,060
Mr. Atul Khosla	31 March 2022	-	-	-	-	14,78,848
Prof. P. K. Khosla	31 March 2022	-	-	80,00,000	-	5,11,187
Prof. P. K. Khosla	31 March 2022	-	-	84,89,440	-	-
Prof. P. K. Khosla	31 March 2022	-	-	85,88,440	57,28,760	-
Mr. Aaddoo Softech Private Limited	31 March 2022	-	-	-	17,00,000	-
Mr. Aaddoo Softech Private Limited	31 March 2022	-	-	-	-	1,03,00,000
Mr. Satish Anand & Others	31 March 2022	-	48,40,000	-	-	-
Mr. Satish Anand & Others	31 March 2022	-	1,89,48,287	-	-	-
Shivani Anand	31 March 2022	-	-	-	-	-
Shivani Anand	31 March 2022	-	-	8,60,000	-	-

(b) Related Party Transactions (Confirmed)

Name of the Related Party	Balance As on	Capital Advance	Loans and Advances	Unsecured Loan
Mr. Ashok Anand	31 March 2022	38,13,000	-	16,88,702
Mr. Ashok Anand	31 March 2022	78,13,000	-	17,09,412
Mr. Satish Anand	31 March 2022	38,13,000	-	0,00,000
Mr. Satish Anand	31 March 2022	78,13,000	-	10,06,304
Mr. Mehan	31 March 2022	-	-	99,51,661
Mr. Mehan	31 March 2022	-	-	99,51,661
Mrs. Sarej Khosla	31 March 2022	-	-	56,99,992
Mrs. Sarej Khosla	31 March 2022	-	-	57,31,524
Mr. Atul Khosla	31 March 2022	16,74,155	-	-
Mr. Atul Khosla	31 March 2022	16,74,155	-	-
Prof. P. K. Khosla	31 March 2022	-	-	28,00,000
Prof. P. K. Khosla	31 March 2022	-	-	28,00,000
M/s. Aaddoo Softech Private Limited	31 March 2022	-	5105000	-
M/s. Aaddoo Softech Private Limited	31 March 2022	-	15405000	-
M/s. Satish Anand & Others	31 March 2022	1,28,39,709	19,44,064	-
M/s. Satish Anand & Others	31 March 2022	1,28,39,709	16168737	-
Mrs. Shivani Anand	31 March 2022	9,00,000	12,000	-
Mrs. Shivani Anand	31 March 2022	9,00,000	-	-
Mr. Ashu Khosla	31 March 2022	10,28,000	3,54,578	-
Mr. Ashu Khosla	31 March 2022	90,28,000	1532	-
M/s. Shoolini Life Science Private Limited	31 March 2022	-	832000	-
M/s. Shoolini Life Science Private Limited	31 March 2022	-	12366708	-

4. The income of the Society is exempt under Section 10(23C) (vi) of the Income Tax Act, 1961, accordingly no provision for income tax has been considered and no deferred tax asset/liability has been created.



[Signature]
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 & Management Sciences
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5. Employees Benefits

The Society has a defined benefit gratuity plan. Every employee who has completed five years or more of service gets a gratuity on departure at 15 days' salary (last drawn salary) for each completed year of service. The scheme is unfunded.

The following tables summarize the components of net benefit expense recognized in the Income and Expenditure Account and amounts recognized in the balance sheet for the respective plans.

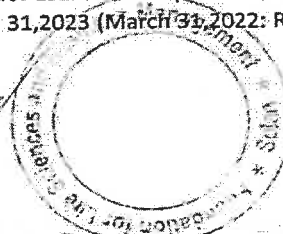
Income and Expenditure Account	Year Ended
Net Employee Benefit Expense (Recognized in Employee Cost)	Mardi 31, 2023
Current service cost	
Initial Contribution (Refer Note:7)	0
Actuarial Gain/(Loss)	0
Net Benefit Expense	

Balance Sheet	Year Ended
Details of Provision for Gratuity	March 31, 2023
Opening balance Defined Benefit Obligation	4,66,08,837
Benefit paid	(22,11,718)
Actuarial Loss	55,67,806
Closing balance Defined Benefit Obligation	4,90,16,452
Fair Value of Plan Assets	4,90,16,452
Less: Unrecognized past service cost	4,90,16,452
Plan (Liability)	

The principal assumptions used in determining gratuity for the Society plans are shown below:

Particulars	Mardi 31, 2023
Discount rate	7 %
Future Salary increase rate	7 %
No of Employees	472
Employee attrition rate	1.5%

- The Society receives tuition fees from the students for Semester I and II ranging from January to June and July to December respectively for each calendar year. Accordingly, to align the accounting year and calendar year, the Society has recorded Deferred revenue of Rs. 14,63,47,103 as on March 31, 2023 and comparative deferred revenue of Rs. 12,91,89,629 has been recognised and adjusted against opening reserves.
- Currently the Society is maintaining fixed asset register in manual form and is in the process of implementing Physical verification programme for fixed assets and its reconciliation with the books of accounts.
- During the year the Society has performed detailed assessment for estimation of provision for gratuity and recorded a liability of Rs. 4,90,16,452 as on March 31, 2023 (March 31, 2022: Rs. 46,608,837) basis the valuation report received from actuary.



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Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2023
(All amounts in India Rupees, unless otherwise stated)

9. The Society is recovering 1% of tuition fee received from the students, which is payable to Himachal Pradesh Private Educational Institutions Regulatory Commission (1-1PERC) as per the Himachal Pradesh Private Educational Institutions (Regulatory Commission) Act, 2010 (the Act) and the rules made thereunder.
10. During FY 2013-14, Himachal Pradesh Private Universities Management Association had filed writ petition in Hon'ble High Court of Himachal Pradesh for a declaration that the Act is ultra vires the Constitution of India and should be quashed accordingly. The Hon'ble High Court allowed the writ petition and had consequently declared that the assessment orders, circulars, notices issued are without authority of law and quashed the same. Neither of the affected parties have pursued the above matter before any higher authorities since then. The Society has created the liability for the abovesaid charges recovered from the students of Rs. 3,45,89,417 and would discharge this as and when there is more clarifications are issued by government.
11. In the income and expenditure account, a profit of Rs. 392,76,917 was initially recorded from the sale of hostel rights. However, the actual sale took place during the financial year 2019-20, generating a total of 60 crores in revenue, with 3 crores remaining pending due to incomplete civil work. Subsequently, in the financial year 2022-23, the outstanding civil work related to these hostels was completed and management has entered into addendum to the original agreement in which amount of Rs. 3,92,76,917 was finalised to be received.
12. Previous year's figures have been regrouped and reclassified where necessary to confirm to current year's classification.



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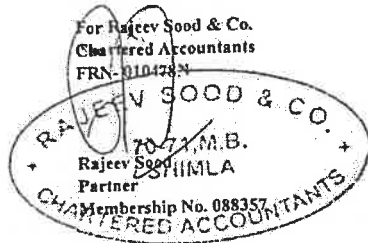
**Foundation For Life Sciences And Business Management
Anand Campus, Solan, H.P.**

Income And Expenditure Account for the Year ended March 31, 2023

(Amount in Rs.)

	Particulars	Note No.	Year Ended 31-03-2023	Year Ended 31-03-2022
I	Income	12	612,117,567	533,349,122
	Academic Receipts	13	40,016,653	21,023,792
	Grants & Donations	14	27,222,567	16,958,928
	Other Income	15	39,276,917	0
	Profit on Sale of Capital Assets			
	Total Receipts		718,633,704	571,331,842
II	Expenses	16	13,026,877	7,460,008
	Grants & Donations	17	322,169,728	285,146,764
	Staff Payments & Benefits	18	94,094,730	54,585,419
	Academic Expenses	19	162,231,141	128,894,194
	Administrative & General Exp.	20	8,418,491	6,781,317
	Transportation Expenses	21	19,286,722	12,707,378
	Repair & Maintenance	22	29,313,147	17,142,355
	Finance Cost	6	34,134,461	28,299,827
	Depreciation		783236	612,257
	Prior period expenses			
	Total Expenses		683,458,534	541,629,519
	Surplus before Exceptional and Extraordinary Items and Tax (I - II)		35,175,170	29,702,323
	Exceptional item (Refer Note- 6)			4,929,967
	Surplus before Appropriation		35,175,170	34,632,290
	Transferred to:		35,175,170	34,632,290
	Reserve			

Notes To Accounts



Place :
Date :

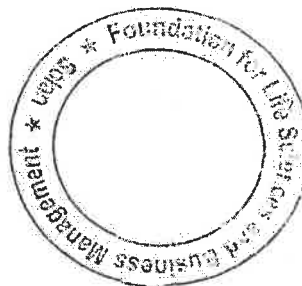
**For and behalf of Board of Governors of Foundation For
Life Sciences And Business Management**

[Signature]
Vishal Anand
Treasurer

[Signature]
Saroj Khosla
President

Place :
Date :

Place :
Date :



[Signature]
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

[Signature]
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Shoolini University of Biotechnology
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INDEPENDENT AUDITOR'S REPORT

To the Members of Foundation of Life Sciences and Business management

Opinion

We have audited the accompanying financial statements of Foundation of Life Sciences and Business management ("the Society"), which comprise the Balance Sheet as at March 31, 2022, and the Income and Expenditure Account for the year then ended, and notes to the financial statements, including a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the accompanying financial statements give a true and fair view of the financial position of the society as at March 31, 2022, and of its financial performance for the year then ended in accordance with the Accounting Standard issued by the Institute of Chartered Accountants of India (ICAI).

Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) issued by ICAI. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Society in accordance with the ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibility of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the aforesaid Accounting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Society's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the society or to cease operations, or has no realistic alternative but to do so.

Those Charged with Governance are also responsible for overseeing the society's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:


S. R. Batliboi & Associates LLP, a Limited Liability Partnership (LLP) registered with the Registrar of Companies, India.
Registered Office: 22, Tower 3B, Bolt View Corporate Tower - B, Sector 42, Gurgaon, Haryana 122002.

**VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)**




**Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)**

S.R. BATLIBOI & ASSOCIATES LLP

Chartered Accountants

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the society's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Society to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

For S.R. Batliboi & Associates LLP

Chartered Accountants

ICAI Firm Registration Number: 101049W/E300004

per 
Sanjay Bachehani
Partner

Membership Number: 400419

UDIN: 22400419AXOIH6845

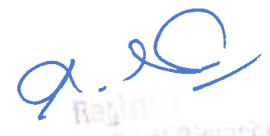
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Date: 30 September 2022





VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Balance Sheet as at March 31, 2022
 (All amount in Indian Rupees, unless otherwise stated)

Particulars	Schedules	As at March 31, 2022	As at March 31, 2021
Sources of Funds			
General Fund	A	56,01,83,857	52,55,51,565
Unsecured Loan from Members	B	2,11,50,353	2,12,22,933
Long Term Borrowings	C	30,82,62,669	20,99,57,553
Non Current Liabilities	D	11,47,66,401	11,66,54,859
Current Liabilities and Provisions	E	22,24,56,331	17,58,32,145
Total		1,22,68,19,611	1,04,92,19,055
Application of Funds			
Fixed Assets			
Tangible Assets	F	77,74,45,730	67,17,88,211
Capital Work- In- Progress	G	67,87,163	2,51,19,626
Non Current Assets			
Capital Advances	H	2,35,65,864	2,15,13,864
Current Assets	I	35,77,47,747	28,89,32,060
Loans and Advances	J	6,12,73,107	4,18,65,294
Total		1,22,68,19,611	1,04,92,19,055
Summary of significant accounting policies	V		

For S.R. Batliboi & Associates LLP
 Firm Registration No. 701049W/E300004
 Chartered Accountants


 Anjanjay Bachchani
 Partner
 Membership No. 400419



Place: Gurugram
 Date: September 30, 2022

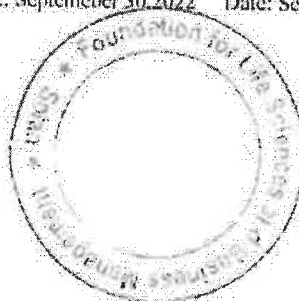
For and behalf of Board of Governors of
 Foundation for Life Sciences and Business Management


 Vikram Anand
 Treasurer


 Saroj Khosla
 President

Place: Solan
 Date: September 30, 2022

Place: Solan
 Date: September 30, 2022



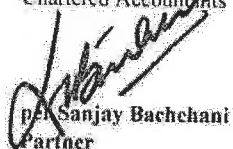

 VICE CHANCELLOR
 SHOOLINI UNIVERSITY OF
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 SCIENCES SOLAN (H.P.)


 Registrar
 Shoolini University of Biotechnology
 & Management Sciences
 Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Income And Expenditure Account for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

Particulars	Schedules	For the year ended March 31, 2022	For the year ended March 31, 2021
Income			
Academic Receipts	K	53,50,54,792	45,18,42,883
Grants & Donations	L	2,10,23,792	68,20,800
Other Income	M	1,52,53,259	1,64,76,229
Profit on Sale of Capital Assets	N	-	-
Total Income (A)		57,13,31,843	47,51,39,912
Expenditure			
Grants & Donations	O	74,60,008	52,01,656
Staff Payments & Benefits	P	28,51,46,764	23,01,08,475
Academic Expenses	Q	5,45,85,419	4,23,44,260
Administrative & General Exp.	R	12,88,94,194	9,64,73,083
Transportation Expenses	S	67,81,317	52,10,685
Repair & Maintenance	T	1,27,07,378	94,09,946
Finance Cost	U	1,71,42,355	1,55,91,368
Depreciation	F	2,82,99,827	2,29,80,848
Prior period expenses		6,12,257	51,43,113
Total Expenditure (B)		54,16,29,519	43,24,63,434
Excess of Income over expenditure before tax and exceptional items (A-B)		2,97,02,324	4,26,76,478
Income tax adjustment relating to previous years		-	-
Exceptional Item (Refer Note- 4)		49,29,967	(4,47,96,934)
Balance being Excess of Income over Expenditure after tax and exceptional Item		3,46,32,291	(21,20,456)
Carried to General Fund		3,46,32,291	(21,20,456)
Notes on Accounts	V		

For S.R. Batliboi & Associates LLP
Firm Registration No. 1/1049W/1300004
Chartered Accountants


Sanjay Bachchani
Partner

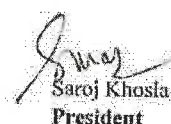
Membership No. 400419

Place: Gurugram
Date: September 30, 2022



For and behalf of Board of Governors of
Foundation for Life Sciences and Business Management


Anand
Treasurer

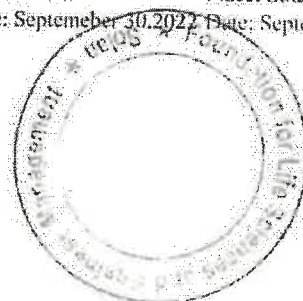

Saroj Khosla
President

Place: Solan


Date: September 30, 2022

Place: Solan

Date: September 30, 2022




VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

Schedule - A General Fund	As at March 31, 2022	As at March 31, 2021
Balance at the Beginning of the Year	52,55,51,566	52,76,72,020
Less: (Deficit)/Surplus during for the year	3,46,32,291	(21,20,455)
Balance at the Year End	56,01,83,857	52,55,51,565

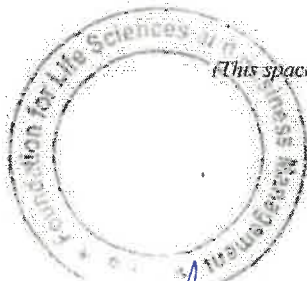
Schedule - B Unsecured Loan from Members	As at March 31, 2022	As at March 31, 2021
Unsecured Loan from Members	2,11,50,353	2,12,22,933
Total	2,11,50,353	2,12,22,933

Schedule - C Long Term Borrowings	As at March 31, 2022	As at March 31, 2021
Bank Overdraft facility- 009300070890	18,95,79,308	11,99,95,823
Demand Loan	3,75,50,200	2,00,92,560
Car Loan	15,16,265	21,55,961
Bank Overdraft facility- 043300PD00002790	5,28,41,170	1,21,55,665
Term loan	2,67,75,726	5,55,57,544
Total	30,82,62,669	20,99,57,553

Schedule - D Non Current Liabilities	As at March 31, 2022	As at March 31, 2021
Hostel Security Deposits	36,35,928	37,99,418
Tuition Security Deposits	6,34,87,727	5,94,41,184
Library Security Deposits	10,33,909	11,05,139
Provision for Gratuity	4,66,08,837	5,23,09,118
Total*	11,47,66,401	11,66,54,859

Schedule - E Current Liabilities and Provisions	As at March 31, 2022	As at March 31, 2021
Fees Pending Reconciliation	14,10,262	11,10,828
Students Development fund	2,83,433	2,77,283
Duties & Taxes	50,58,612	52,30,952
Sundry Creditors	2,69,78,397	1,86,36,729
Confrence Grant	7,60,209	7,94,359
Students Exchange Program	9,80,001	5,40,001
Left Students Payable	23,59,442	14,58,114
Fellow Ship Grants Payable	6,00,726	3,28,280
Salary Payable	1,93,70,267	1,48,77,880
Faculty Club Income	10,45,896	6,63,599
Miscellaneous Payable	8,52,468	33,395
H.P.Private Edu. Ins.Reg. Comm (Refer Note-8)	2,89,21,402	2,38,44,809
Security payable (provision)	1,91,437	2,11,437
Caution Money	-	1,500
Deferred Revenue (Refer Note-5)	13,36,43,779	10,78,22,979
Total	22,24,56,331	17,58,32,144

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

[Signature]
Registrar

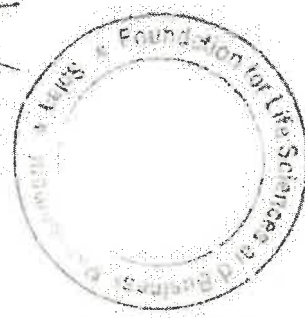
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

Schedule - F Tangible Assets
Shoolini University of Biotech & Management Sciences

Particulars	Gross Block				Accumulated Depreciation			Net Block	
	Balance	Additions		Balance	Balance	For the year ended	Balance	Balance	Balance
	as on April 1, 2021	More than 6 months use	Less than 6 months use	as on March 31, 2022	as on April 1, 2021	March 31, 2022	as on March 31, 2022	as on March 31, 2022	as on March 31, 2021
Computers & Accessories	4,90,21,326	22,56,085	30,13,237	5,42,90,648	4,03,69,859	11,91,648	4,15,61,507	1,27,29,141	86,51,467
Buildings	54,16,00,488	4,76,683	8,19,60,989	62,40,38,160	4,46,46,388	92,12,311	5,38,58,699	57,01,79,461	49,69,54,100
Yogananda Cottage	-	6,86,381	45,14,769	52,01,150	-	46,511	46,511	51,54,639	-
Agriculture Farm Asset	29,74,421	-	-	29,74,421	1,40,988	46,996	1,87,983	27,86,438	28,33,433
Land	2,20,45,583	-	-	2,20,45,583	-	-	-	2,20,45,583	2,20,45,583
Land development expenses	35,14,183	20,82,654	25,19,343	81,16,180	-	-	-	81,16,180	35,14,183
Electric Equipment	79,14,356	8,61,537	8,94,424	96,70,317	46,20,612	8,76,195	54,96,807	41,73,510	32,93,744
Fire Fighting Equipment	11,81,812	-	-	11,81,812	1,00,746	1,12,272	2,13,019	9,68,793	10,81,066
Furniture & Fixtures	3,78,39,494	27,48,194	42,79,415	4,48,67,103	3,00,90,013	50,76,015	3,51,66,028	97,01,075	77,49,481
Furnishing of Girls	20,92,877	-	-	20,92,877	10,76,874	2,48,634	13,25,508	7,67,369	10,16,003
Lab Equipments	3,33,57,065	9,47,378	10,00,894	3,53,05,337	3,19,78,526	2,75,087	3,22,53,613	30,51,724	13,78,539
Library Books	85,26,459	1,12,529	9,47,398	95,86,386	56,61,598	10,82,587	67,44,185	28,42,201	28,64,861
Office Equipment	48,93,291	-	-	48,93,291	48,93,291	-	48,93,291	-	-
Network / Lan	19,68,802	-	1,27,495	20,96,297	17,29,680	3,21,753	20,51,433	44,864	2,39,122
Water Connection	27,71,000	-	-	27,71,000	23,44,197	2,63,245	26,07,442	1,63,558	4,26,803
Sports Equipment	7,47,585	4,13,920	1,50,225	13,11,730	5,03,823	1,46,910	6,50,733	6,60,997	2,43,762
Research Project Assets	3,45,94,686	89,775	4,86,570	3,51,71,031	2,85,66,389	63,281	2,86,29,670	65,41,361	60,28,297
Training Project Assets	73,894	-	-	73,894	73,894	-	73,894	-	-
Musical Instruments	1,18,525	-	-	1,18,525	85,230	14,081	99,311	19,214	33,295
Buses	2,30,38,189	-	-	2,30,38,189	2,30,38,189	-	2,30,38,189	-	-
Solar system	13,51,860	-	-	13,51,860	8,78,472	1,28,427	10,06,899	3,44,961	4,73,388
Vehicle	52,67,175	-	10,63,037	63,30,212	33,68,278	9,17,933	42,86,211	20,44,001	18,98,897
Food & Beverages Equipments	13,80,651	-	-	13,80,651	3,58,524	1,31,162	4,89,686	8,90,965	10,22,127
Patents	1,16,22,096	29,43,526	32,41,399	1,78,07,021	38,37,310	40,46,580	78,83,891	99,23,130	77,84,786
DG Sets	14,16,000	-	-	14,16,000	1,34,520	2,69,040	4,03,560	10,12,440	12,81,480
E Learning Assets	19,24,904	6,948	-	19,31,852	2,51,827	3,05,812	5,57,639	13,74,213	16,73,077
Telephone Mobile sets	57,157	71,250	73,300	2,01,707	5,430	31,361	36,791	1,64,916	51,727
Facility club assets	-	-	33,376	33,376	-	1,983	1,983	31,393	-
Total	80,12,93,879	1,36,96,860	10,43,05,871	91,92,96,610	22,87,54,658	2,48,09,823	25,35,64,481	66,57,32,129	57,25,39,222

for




[Signature]
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

[Signature]
Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

Schedule - F Tangible Assets (Contd.)

Shoolini Institute Of Life Sciences And Business Management

Particulars	Gross Block				Accumulated Depreciation			Net Block	
	Balance	Additions		Balance	Balance	For the year ended	Balance	Balance	Balance
	as on April 1, 2021	More than 6 months use	Less than 6 months use	as on March 31, 2022	as on April 1, 2021	March 31, 2022	as on March 31, 2022	as on March 31, 2022	as on April 1, 2021
Computers and Accessories	1,25,83,637	-	-	1,25,83,637	1,24,15,249	-	1,24,15,249	1,68,388	1,68,388
Buildings	10,39,75,675	-	-	10,39,75,675	1,64,93,445	10,42,816	1,81,36,261	8,58,39,414	8,74,82,230
Electric Equipment	14,03,649	33,000	7,86,130	22,22,779	13,02,841	1,73,823	14,76,664	7,46,115	1,00,808
Fire Fighting Equipment	25,000	-	-	25,000	25,000	-	25,000	-	-
Furniture & Fixtures	2,01,78,593	-	-	2,01,78,593	1,81,35,260	-	1,81,35,260	20,43,333	20,43,333
Furnishing of Girls Hostels	21,26,683	-	-	21,26,683	21,26,683	-	21,26,683	0	-
Lab equipments	1,82,20,181	-	-	1,82,20,181	1,82,20,181	-	1,82,20,181	-	-
Library Books	62,13,913	-	51,064	63,64,979	58,71,245	-	58,71,245	3,93,734	3,42,670
Office Equipment	22,23,863	-	-	22,23,863	21,71,876	-	21,71,876	51,987	51,987
LCD	4,42,777	-	-	4,42,777	4,38,787	-	4,38,787	3,990	3,990
Sports Equipment	3,27,273	-	-	3,27,273	2,96,103	-	2,96,103	31,170	31,170
Land	5,36,871	-	-	5,36,871	-	-	-	5,36,871	5,36,871
Plant & Machinery	3,68,731	-	-	3,68,731	2,81,477	21,341	3,04,818	63,913	87,254
Vehicle car	15,08,700	-	-	15,08,700	15,08,700	-	15,08,700	20,890	20,890
Musical instruments	26,700	-	4,579	31,279	17,446	3,444	20,890	10,389	9,254
Total	17,01,62,248	33,000	8,41,773	17,10,37,021	7,93,04,293	18,43,423	8,11,47,716	8,98,89,305	9,08,57,955

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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SCIENCES SOLAN (H.P.)

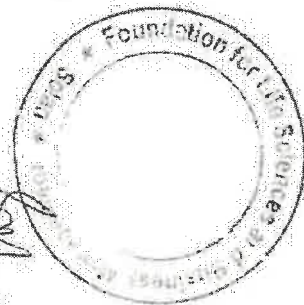
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Registrar
Shoolini University of Biotechnology
& Management So
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

Schedule - F Tangible Assets (Contd.)
Construction Division

Particulars	GROSS BLOCK			Accumulated Depreciation				Net Block	
	Balance	Additions		Balance	Balance	For the year ended	Balance	Balance	Balance
	as on April 1, 2021	More than 6 months use	Less than 6 months use	as on March 31, 2022	as on April 1, 2021	March 31, 2022	as on March 31, 2022	as on March 31, 2022	as on April 1, 2021
Furniture & Fixtures	35,34,544	37,33,404	1,01,69,413	1,74,37,361	8,16,088	8,63,432	16,79,520	1,57,57,841	27,18,456
Fire Fighting Equipment	6,19,544	5,21,908	-	11,41,452	1,78,514	1,08,438	2,86,952	8,54,500	4,41,030
RO Plant	10,31,330	-	-	10,31,330	2,93,928	97,976	3,91,904	6,39,426	7,37,402
Electrical Equipment	26,33,954	3,99,369	2,55,750	32,91,073	5,23,307	2,88,356	8,11,663	24,79,410	21,12,647
Water Filter & connections	23,57,547	-	-	23,57,547	2,98,466	1,49,233	4,47,699	19,09,848	20,59,081
Car	8,79,000	-	-	8,79,000	5,56,583	1,39,146	6,95,729	1,83,271	3,22,417
Total	1,10,57,919	46,54,681	1,04,25,163	2,61,37,763	26,66,886	16,46,581	43,13,467	2,18,24,296	83,91,033



[Signature]
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

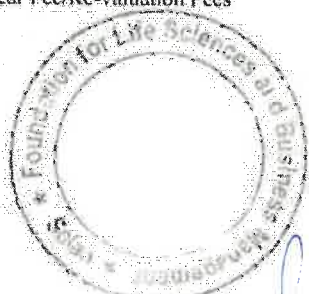
Schedule - G Capital Work- In- progress	As at March 31, 2022	As at March 31, 2021
Capital Work- in- Progress	67,87,163	2,51,19,626
Total	67,87,163	2,51,19,626

Schedule - H Capital Advances	As at March 31, 2022	As at March 31, 2021
Capital Advances	2,35,65,864	2,15,13,864
Total	2,35,65,864	2,15,13,864

Schedule - I Current Assets	As at March 31, 2022	As at March 31, 2021
Sundry Debtors(Fees Recoverable)	8,19,60,452	6,51,19,636
Less : Provision for bad & Doubtful debts	(1,84,19,687)	(1,22,88,304)
Net Debtors	6,35,40,765	5,28,31,332
Cash in Hand	3,41,371	81,205
Balances with Scheduled Banks		
- Current and Savings Accounts	11,83,38,852	8,16,81,604
- In Term Deposits	17,55,26,759	15,43,37,918
Total	35,77,47,747	28,89,32,059

Schedule - J Loans and Advances	As at March 31, 2022	As at March 31, 2021
Prepaid Expenses	1,15,37,970	28,16,748
Loans & Advances	3,96,63,969	2,77,91,000
TDS 2020-2021	9,89,940	9,89,940
TDS 2021-2022	9,37,958	-
TDS 2019-20	-	6,22,247
Security Deposits	21,42,553	22,12,313
Other Advances	11,00,846	11,00,846
Interest Accrued but not due on deposits	48,99,871	63,32,200
Total	6,12,73,107	4,18,65,294

Schedule - K Academic Receipts	For the year ended March 31, 2022	For the year ended March 31, 2021
Tuition Fees	50,68,13,236	43,81,88,838
Re-Admission Fees	2,83,500	3,22,250
Prospectus Fees	57,96,340	45,84,717
Development/Annual Charges	18,45,000	19,10,000
Student Support Fund	-	30,000
Conselling Fees	15,800	3,000
Fine/Late Fees	3,12,495	75,009
Transportation Fees	17,05,670	8,27,264
Examination Fees/Re-appear Fee/Re-valuation Fees	56,88,352	32,40,000
Clerical Charges	-	2,000
Room Rent/Hostel Fees	1,25,94,399	26,59,805
Total	53,50,54,792	45,18,42,883



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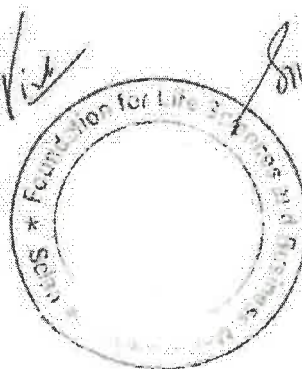
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Notes to financial statement for the year ended March 31, 2022
 (All amount in Indian Rupees, unless otherwise stated)

Schedule - L Grants and Donations	For the year ended March 31, 2022	For the year ended March 31, 2021
Research Project Income	1,44,63,452	65,28,300
Donation Covid	62,09,433	-
Training Project Income	3,50,907	2,92,500
Total	2,10,23,792	68,20,800

Schedule - M Other Income	For the year ended March 31, 2022	For the year ended March 31, 2021
Interest Income	85,31,143	95,32,377
Miscellaneous Income	6,84,479	5,25,227
Rent Income	9,17,102	4,000
Gym Membership Fees	63,750	-
Degrees Fees	9,71,160	4,49,620
Daffodils Income	2,59,800	6,200
Agriculture Income	2,04,299	1,15,904
Library Income	9,759	-
Health Center Receipt	2,190	900
Coffee machine	1,00,170	-
Thesis Submission Fees	1,27,500	1,41,000
Project Income	1,89,381	-
Revenue Sharing (5%)	-	1,72,352
Shoolini Chaffet	1,081	1,40,969
STP	11,83,877	4,75,628
T-Shirt	10,680	-
Flowerist Income	16,035	-
Income from conference	2,50,000	-
Interest on Income tax refund	53,423	74,520
Document verification fees	3,64,000	2,04,000
Liabilities written back	11,37,962	46,33,532
Mud hut (mukund Restaurant)	1,10,670	-
Moot Court Competition	27,000	-
Chroche Income	33,950	-
Telephone security	3,847	-
Total	1,52,53,259	1,64,76,229

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Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

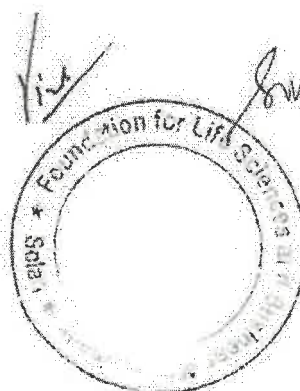
Schedule - N Profit on sale of Capital Assets	For the year ended March 31, 2022	For the year ended March 31, 2021
Net Consideration Received on transfer of assets	-	-
Less: Expenses on transfer on assets	-	-
Less: Net Value of Immovable/movable assets	-	-
Total	-	-

Schedule - O Utilised Grants and Donations	For the year ended March 31, 2022	For the year ended March 31, 2021
Research Project Expenses	74,13,309	52,01,656
Training Project Expenses	46,699	-
Total	74,60,008	52,01,656

Schedule - P Staff Payments and Benefits	For the year ended March 31, 2022	For the year ended March 31, 2021
Salaries and Wages	26,47,79,051	20,86,06,802
Contribution to Provident and Other Funds	75,67,051	71,69,332
Staff Welfare	12,84,361	-
Honorarium to Guest Faculty	1,00,78,346	53,16,015
Gratuity Expense	-	90,16,326
Stipend expenses	7,57,955	-
Fellowship grant	6,80,000	-
Total	28,51,46,764	23,01,08,475

Schedule - Q Academic Expenses	For the year ended March 31, 2022	For the year ended March 31, 2021
Laboratory Expenses	24,97,696	22,33,926
Subscription Expenses	84,62,829	97,28,911
Examination Expenses	2,06,711	73,647
Internet Charges	33,93,840	23,52,870
Conference/Workshop/Industrial Visits/programmes	29,99,336	11,36,833
Student Support Fund	3,70,25,007	2,68,18,073
TOTAL	5,45,85,419	4,23,44,260

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Notes to financial statement for the year ended March 31, 2022
(All amount in Indian Rupees, unless otherwise stated)

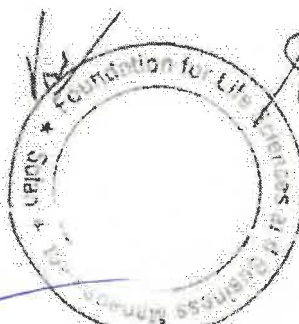
Schedule R - Administrative and General Expenses	For the year ended March 31, 2022	For the year ended March 31, 2021
Water & Electricity	38,61,250	31,17,945
Rent expense	2,66,02,497	1,45,66,742
Postage & Telegram	1,84,774	2,01,266
Telephone	5,47,924	4,70,351
Printing & Stationery	7,09,863	2,90,318
Travelling & Conveyance	19,52,120	4,28,445
Hospitality	4,93,413	2,13,723
Sports expenses	7,71,878	95,397
Legal & Professional Charges	56,66,066	54,42,261
Advertisement & Publicity	3,68,66,437	2,92,52,798
Car Running expenses	17,86,728	-
Miscellaneous expenses	36,38,858	25,03,232
Admission Cell expenses	1,43,26,919	70,51,290
Convocation expenses/Function expenses	13,49,455	1,32,694
Library Journal/magazine/newspaper	14,49,804	13,36,324
Health Centre/Medicines	1,20,538	1,98,289
Placement Charges	7,05,681	1,41,600
Moksh expenses/Shoolini Chalet expenses	2,10,342	-
Gym expenses	6,63,595	5,27,265
Counseling expenses	17,456	-
Affiliation expenses	6,90,000	-
Security expenses	35,69,134	21,83,665
IT repair and Maintenance	30,47,457	23,78,009
Freight Charges	61,680	45,280
Food & Beverages	21,14,248	12,56,536
Laundry expenses	77,329	14,032
Land scaping & gardening expenses	-	4,41,540
Bad Debts Written off	8,27,247	22,15,218
Animal-lab material	3,21,890	51,660
Agriculture Farm related expenses	24,19,525	27,88,863
E Learning expenses	52,63,749	62,77,027
Garbage expenses	3,95,700	1,00,550
Provision for Bad & Doubtful debts of fees	61,31,383	1,27,50,763
Creche expenses	56,440	-
Covid Expenses	18,14,931	-
Yognananda villie expenses	1,77,883	-
Total	12,88,94,194	9,64,73,083

Schedule - S Transportation Expenses	For the year ended March 31, 2022	For the year ended March 31, 2021
Vehicle Running Expenses	48,42,348	29,57,856
Bus Taxes & Fees	4,57,576	3,15,242
Insurance Vehicle	14,81,393	19,37,587
Total	67,81,317	52,10,685

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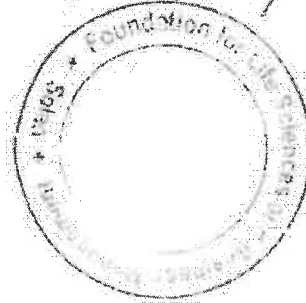


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Schedule - T Repair and Maintenance	For the year ended March 31, 2022	For the year ended March 31, 2021
Repair & Maintenance Expenses	52,02,763	33,21,578
Sanitation Expenses	66,98,098	55,02,449
Furnishing of University	8,06,517	5,85,919
Total	1,27,07,378	94,09,946

Schedule - U Finance Cost	For the year ended March 31, 2022	For the year ended March 31, 2021
Interest on unsecured loans from members	9,23,842	7,34,667
Interest on borrowings from Banks	1,53,69,063	1,47,40,779
Bank Charges	8,49,450	1,15,922
Total	1,71,42,355	1,55,91,368



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(All amounts in India Rupees, unless otherwise stated)

Schedule - V- Summary of significant accounting policies and Notes to Accounts

1. Background

Foundation for Life Sciences and Business Management ("FLSBM" or "Society"), Solan, H.P. was registered as a society under Societies Registration Act, 1861. The primary objective is to provide for and otherwise promote education and research in the fields of technology, science, humanities, industry, business, agriculture and to collate and disseminate in such fields effective ideas, methods, techniques and information as are likely to promote the material and Industrial welfare of India.

2. Significant Accounting Policies

a) Basis of Accounting

The financial statements of the Society have been prepared under the historical-cost convention method, on the accrual basis of accounting in accordance with applicable accounting standards issued by the Institute of Chartered Accountants of India.

The Society is a "Level II Enterprise" in terms of the Scheme for applicability of Accounting Standards to Small and Medium Sized Enterprises (SMEs), issued by the Council of the Institute of Chartered Accountants of India (the 'Scheme'). This Scheme is effective in respect of accounting periods commencing on or after April 1, 2008. Pursuant to the exemptions/relaxations for SMEs as contained in the Scheme, the Accounting Standards (ASs) mentioned below are not applicable to the Society for the current year:

AS 3	–	Cash Flow Statement,
AS 17	–	Segment Reporting,
AS 20	–	Earning Per Share,
AS 21	–	Consolidated Financial Statements,
AS 23	–	Accounting for Investments in Associates in Consolidated Financial Statements,
AS 25	–	Interim Financial Reporting, and
AS 27	–	Financial Reporting of Interests in Joint Ventures.

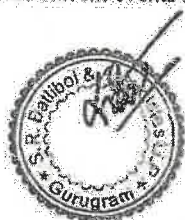
Further, certain disclosure requirements with respect to the following Accounting Standards are also not applicable to the Society for the current year:

AS 15 (Revised)	–	Employees Benefits,
AS 19	–	Leases,
AS 28	–	Impairment of Assets, and
AS 29	–	Provisions, Contingent Liabilities and Contingent Assets.

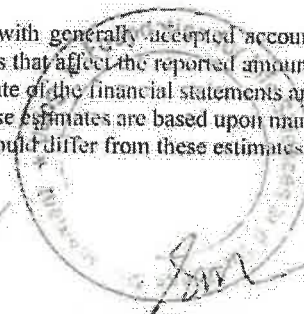
Accordingly, the Society is not required to disclose certain information in these financial statements pursuant to the above exemptions/relaxations.

b) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities at the date of the financial statements and the results of operations during the reporting period end. Although these estimates are based upon management's best knowledge of current events and actions, actual results could differ from these estimates.



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Notes to financial statement for the year ended March 31, 2022
 (All amounts in India Rupees, unless otherwise stated)

c) Fixed Assets

- (i) Fixed Assets are stated at cost less accumulated depreciation. The cost of an asset comprises its purchase price and any directly attributable costs of bringing the assets to its working condition for the intended use. The Borrowing Costs is capitalised to the value of Qualified Asset in accordance with AS 16 "Borrowing Costs"
- (ii) Depreciation on fixed assets has been charged on straight line method on the following rates as below:

Category	Details of Block of Asset	Depreciation Rate %
Building	Buildings	1.58%
Plant and Machinery	Computers	31.67%
	Office Equipment	19%
	Computer Software Network	15.83%
	Equipment	9.5%
	Books	11.88%
	Plant & Machinery	6.33%
Furniture & Fixtures	Furniture & Fixtures	11.88%
Vehicle	Car/Bus	15.83%
Intangible Assets	Patents	25%

d) Revenue Recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the University and the revenue can be reliably measured.

(i) Tuition and Hostel Fee

Revenue from tuition and hostel fee is recognized on the due date of fees due from student at the start of semester and apportioned over the period of the semester to which they relate.

(ii) Admission Fees and Fees from Prospectus

Admission fees are non-refundable. Such amounts are recognized as income as and when received.

(iii) Examination Fees

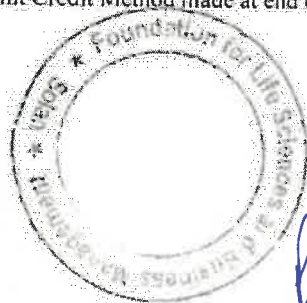
Examination Fees are recognized as Revenue on Completion of Examination for the given course.

(iv) Interest

Interest is recognized on a time proportion basis taking into account the amount outstanding and the rate applicable.

e) Retirement Benefits

- i) Retirement benefits in the form of Provident Fund are a defined contribution scheme and the contributions are charged to the Income and Expenditure Account of the year when the contributions to the respective funds are due.
- ii) Gratuity is a defined benefit obligation and is provided for on the basis of an actuarial valuation on Projected Unit Credit Method made at end of each financial year.



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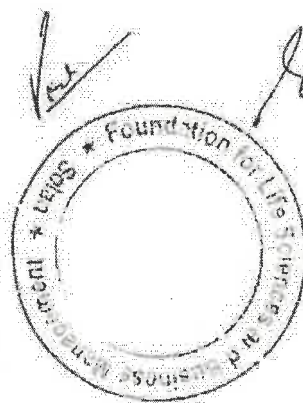
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Notes to financial statement for the year ended March 31, 2022
(All amounts in India Rupees, unless otherwise stated).

f) Provisions

A provision is recognised when the Society has a present obligation as a result of past event and it is probable that an outflow of resources will be required to settle the obligation, in respect of which a reliable estimate can be made. Provisions except those disclosed elsewhere in the financial statements, are not discounted to their present value and are determined based on best management estimate required to settle the obligation at each Balance Sheet date. These are reviewed at each Balance Sheet date and are adjusted to reflect the current best management estimates.

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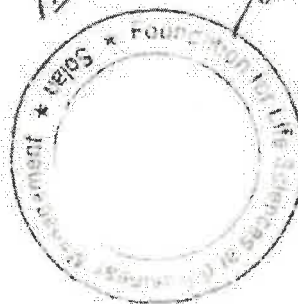

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Notes to Accounts

- Based on information available with the Society, there are no dues to micro and small enterprises, as defined in Micro, Small and Medium Enterprises Development Act, 2006 as on March 31, 2022.
- Related Party Disclosures**
 In accordance with Accounting Standard (AS)-18 on "Related Party Disclosures", issued by the Institute of Chartered Accountants of India, disclosures in respect of transactions with the Society's related parties are as follows:

Name of the Related Party	Relationship
Mr. Ashok Anand	Member of the Society
Mr. Satish Anand	Member of the Society
M/s Ashok Kumar & Sons	Member of the Society
M/s Satish Kumar & Sons	Member of the Society
Mr. Vishal Anand	Member of the Society
Mrs. Manorama Anand	Relative of the Member of the Society
Mrs. Rita Anand	Relative of the Member of the Society
Mrs. Sudesh Kumari	Relative of the Member of the Society
Mr. Ramesh K Mehan	Relative of the Member of the Society
Mr. Ashish Khosla	Relative of the Member of the Society
Mrs. Saroj Khosla	Relative of the Member of the Society
Mr. Atul Khosla	Relative of the Member of the Society
Mr. Gagan Anand	Relative of the Member of the Society
Prof P K Khosla	Relative of the Member of the Society
M/s Aaddoo Softech Private Limited	Members of the Society are Directors
M/s Satish Anand & Others	Members of the Society are Partners
M/s SILB Consultancy	Members of the Society are Partners
Mrs. Shivani Anand	Relative of the Member of the Society
Mr. Ashu Khosla	Relative of the Member of the Society
M/s Shoolini Life Science Private Limited	Members of the Society are Directors



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2 (a) Related Party Transactions During the year

Name of the Related Party	During the year Ended	Interest on Unsecured Loans	Rent Expense	Staff Payments and Benefits	IT Repair and Maintenance	Reimbursement of Expenses
Mr Ashok Anand	31 March 2022	2,03,844	-	32,37,720	-	-
	31 March 2021	2,03,844	-	17,97,720	-	-
Mr. Satish Anand	31 March 2022	1,20,001	-	32,37,720	-	-
	31 March 2021	1,19,997	-	17,97,720	-	-
M/s Ashok Kumar & Sons	31 March 2022	-	43,94,208	-	-	-
	31 March 2021	-	41,78,417	-	-	-
M/s Satish Kumar & Sons	31 March 2022	-	43,94,208	-	-	-
	31 March 2021	-	41,78,417	-	-	-
Mr Vishal Anand	31 March 2022	-	-	19,48,572	-	-
	31 March 2021	-	-	17,57,731	-	3,82,686
Mrs Manorama Anand	31 March 2022	-	-	6,74,160	-	-
	31 March 2021	-	-	6,74,160	-	-
Mrs Rita Anand	31 March 2022	-	-	6,74,160	-	-
	31 March 2021	-	-	6,74,160	-	-
Mr Ashish Khosla	31 March 2022	-	-	60,00,000	-	-
	31 March 2021	26,832	-	60,00,000	-	-
Mrs Saroj Khosla	31 March 2022	5,99,997	-	50,18,884	-	-
	31 March 2021	2,02,593	-	41,76,544	-	-
Mr Atul Khosla	31 March 2022	-	-	73,21,720	-	-
	31 March 2021	1,68,679	-	62,01,720	-	1,01,965
Prof P K Khosla	31 March 2022	-	-	84,89,440	-	-
	31 March 2021	12,722	-	77,85,990	-	-
M/s Aaddoo Softech Private Limited	31 March 2022	-	-	-	17,00,000	-
	31 March 2021	-	-	-	17,00,000	-
M/s Satish Anand & Others	31 March 2022	-	49,50,000	-	-	-
	31 March 2021	-	-	-	-	-
Mr. Ashu Khosla	31 March 2022	-	34,74,000	62,96,640	-	-
	31 March 2021	-	7,12,250	26,96,640	-	-



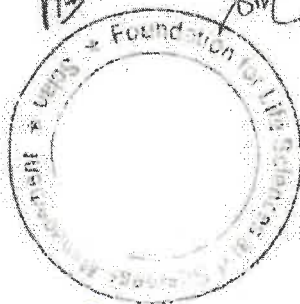
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2 (b) Related Party Transactions (Continued)

Name of the Related Party	Balance As on	Capital Advance	Loans and Advances	Unsecured Loan
Mr Ashok Anand	31 March 2022	33,13,000	-	16,98,702
	31 March 2021	28,00,000	-	17,14,710
Mr. Satish Anand	31 March 2022	38,13,000	-	9,99,998
	31 March 2021	33,00,000	-	10,09,426
Mr Mehan	31 March 2022	-	-	99,51,661
	31 March 2021	-	-	99,51,661
Mrs Saroj Khosla	31 March 2022	-	-	56,99,992
	31 March 2021	-	-	57,47,136
Mr Atul Khosla	31 March 2022	16,74,155	-	-
	31 March 2021	16,74,155	-	-
Prof P K Khosla	31 March 2022	-	-	28,00,000
	31 March 2021	-	-	28,00,000
M/s Aaddoo Softech Private Limited	31 March 2022	-	61,55,000	-
	31 March 2021	-	41,55,000	-
M/s Satish Anand & Others	31 March 2022	1,28,39,709	19,44,064	-
	31 March 2021	1,28,39,709	20,30,000	-
M/s SILB Consultancy	31 March 2022	-	10,00,000	-
	31 March 2021	-	-	-
Mrs Shivani Anand	31 March 2022	9,00,000	12,000	-
	31 March 2021	9,00,000	-	-
Mr. Ashu Khosla	31 March 2022	10,26,000	3,54,578	-
	31 March 2021	-	-	-
M/s Shoolini Life Science Private Limited	31 March 2022	-	74,60,000	-
	31 March 2021	-	92,60,000	-



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3. The income of the Society is exempt under Section 10(23C) (vi) of the Income Tax Act, 1961, accordingly no provision for income tax has been considered and no deferred tax asset/liability has been created.

4. Employees Benefits

The Society has a defined benefit gratuity plan. Every employee who has completed five years or more of service gets a gratuity on departure at 15 days' salary (last drawn salary) for each completed year of service. The scheme is unfunded.

The following tables summarize the components of net benefit expense recognized in the Income and Expenditure Account and amounts recognized in the balance sheet for the respective plans.

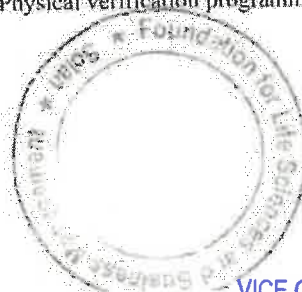
Income and Expenditure Account	Year Ended
Net Employee Benefit Expense (Recognized in Employee Cost)	March 31, 2022
Current service cost	
Initial Contribution (Refer Note:7)	
Actuarial Gain/(Loss)	49,29,967
Net Benefit Expense	49,29,967

Balance Sheet	Year Ended
Details of Provision for Gratuity	March 31, 2022
Opening balance Defined Benefit Obligation	5,23,09,118
Benefit paid	(7,70,314)
Actuarial Gain	(49,29,967)
Closing balance Defined Benefit Obligation	4,66,08,837
Fair Value of Plan Assets	46,608,837
Less: Unrecognized past service cost	-
Plan (Liability)	46,608,837

The principal assumptions used in determining gratuity for the Society plans are shown below:

Particulars	March 31, 2022
Discount rate	7 %
Future Salary increase rate	7 %
No of Employees	472
Employee attrition rate	1.5%

5. The Society receives tuition fees from the students for Semester I and II ranging from January to June and July to December respectively for each calendar year. Accordingly, to align the accounting year and calendar year, the Society has recorded Deferred revenue of Rs. 133,643,779 as on March 31, 2022 and comparative deferred revenue of Rs. 107,822,979 has been recognised and adjusted against opening reserves.
6. Currently the Society is maintaining fixed asset register in manual form and is in the process of implementing Physical verification programme for fixed assets and its reconciliation with the books of accounts.



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BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation for Life Sciences and Business Management
Notes to financial statement for the year ended March 31, 2022
(All amounts in India Rupees, unless otherwise stated)

7. During the year the Society has performed detailed assessment for estimation of provision for gratuity and recorded a liability of Rs. 46,608,837 as on March 31, 2022 (March 31, 2021: Rs. 52,309,118) basis the valuation report received from actuary.

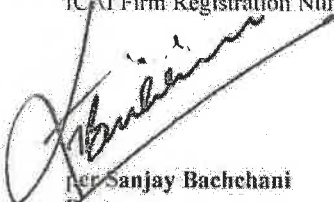
8. The Society is recovering 1% of tuition fee received from the students, which is payable to Himachal Pradesh Private Educational Institutions Regulatory Commission (HPERC) as per the Himachal Pradesh Private Educational Institutions (Regulatory Commission) Act, 2010 (the Act) and the rules made thereunder.

During FY 2013-14, Himachal Pradesh Private Universities Management Association had filed writ petition in Hon'ble High Court of Himachal Pradesh for a declaration that the Act are ultra vires the Constitution of India and should be quashed accordingly. The Hon'ble High Court allowed the writ petition and had consequently declared that the assessment orders, circulars, notices issued are without authority of law and quashed the same. Neither of the affected parties have pursued the above matter before any higher authorities since then. The Society has created the liability for the abovesaid charges recovered from the students of Rs. 2,89,21,402 and would discharge this as and when there is more clarifications are issued by government.

9. Previous year's figures have been regrouped and reclassified where necessary to conform to current year's classification.

For S. R. Batliboi & Associates LLP


Chartered Accountants
ICAI Firm Registration Number: 101049W/E300004



Mr. Sanjay Bachchani
Partner
Place : Gurugram
Date: September 30, 2022

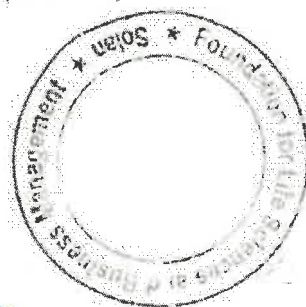


For and on behalf of the Board of Governors

Foundation for Life Sciences and Business Management


Vishal Anand
Treasurer
Place: Solan
Date: September 30, 2022


Saroj Khosla
President
Place: Solan
Date: September 30, 2022




VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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SCIENCES SOLAN (H.P.)


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Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.

Balance Sheet as at March 31, 2021

(All amount in Indian Rupees, unless otherwise stated)

Particulars	Schedules	As at March 31, 2021	As at March 31, 2020
Sources of Funds			
General Fund	A	525,551,565	527,672,021
Unsecured Loan from Members	B	21,222,933	45,206,951
Long Term Borrowings	C	209,957,553	78,563,005
Non-Current Liabilities	D	116,654,859	60,237,594
Current Liabilities and Provisions	E	175,832,135	169,893,577
Total		1,049,219,055	881,575,148
Application of Funds			
Fixed Assets			
Tangible Assets	F	671,788,211	662,044,871
Capital Work- In- Progress	G	25,119,626	5,880,640
Non Current Assets			
Capital Advances	H	21,513,864	21,613,863
Current Assets	I	288,932,060	160,817,778
Loans and Advances	J	41,865,294	31,217,996
Total		1,049,219,055	881,575,148
Summary of significant accounting policies and notes to accounts	V		

For S.R. Batliboi & Associates LLP
Firm Registration No. 10109W/E300004
Chartered Accountants

per Sanjay Bachchani
Partner
Membership No. 400419

Place: Gurugram
Date: February 14, 2022



For and behalf of Board of Governors of
Foundation for Life Sciences and Business Management

Vishal Anand
Treasurer

Saroj Khosla
President

Place: Solan
Date: February 14, 2022

Place: Solan
Date: February 14, 2022

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Income And Expenditure Account for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Particulars	Schedules	For the year ended March 31, 2021	For the year ended March 31, 2020
Income			
Academic Receipts	K	451,842,883	496,380,399
Grants & Donations	L	6,820,800	12,940,624
Other Income	M	16,476,229	17,380,997
Profit on Sale of Capital Assets	N		295,589,761
Total Income (A)		475,139,912	822,291,781
Expenditure			
Grants & Donations	O	5,201,656	10,784,361
Staff Payments & Benefits	P	230,108,475	213,236,442
Academic Expenses	Q	42,344,260	49,188,495
Administrative & General Exp.	R	96,473,083	125,467,591
Transportation Expenses	S	5,210,685	12,041,126
Repair & Maintenance	T	9,409,946	19,076,911
Finance Cost	U	15,591,368	42,687,526
Depreciation	F	22,980,848	25,573,170
Prior period expenses		5,143,113	
Total Expenditure (B)		432,463,434	498,055,622
Excess of Income over expenditure before tax and exceptional items (A-B)		42,676,478	324,236,159
Income tax adjustment relating to previous years			542,156
Exceptional Item (Refer Note- 7)		(44,796,934)	
Balance being Excess of Income over Expenditure after tax and exceptional Item		(2,120,456)	324,778,315
Carried to General Fund		(2,120,456)	324,778,315
Summary of significant accounting policies and notes to accounts	V		

For S.R. Batliboi & Associates LLP
Firm Registration No. 1010-19-W-1300004
Chartered Accountant

per Sanjay Bachehani
Partner
Membership No. 400419

Place: Gurugram
Date: February 14, 2022



For and behalf of Board of Governors of
Foundation for Life Sciences and Business Management

Vishal Anand
Treasurer

Saroj Khosla
President

Place: Solan
Date: February 14, 2022

Place: Solan
Date: February 14, 2022

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Shoolini University of Biotechnology
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Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - A General Fund	As at March 31, 2021	As at March 31, 2020
Balance at the Beginning of the Year	527,672,021	338,847,657
Less: Transfer to Corpus Fund	-	(40,000,000)
Less: Deferred Revenue (Refer Note - 5)	-	(95,953,951)
Less: (Deficit)/Surplus during the year	(2,120,456)	324,778,315
Balance at the Year End	525,551,565	527,672,021

Schedule - B Unsecured Loan from Members	As at March 31, 2021	As at March 31, 2020
Unsecured Loan from Members	21,222,933	45,206,951
Total	21,222,933	45,206,951

Schedule - C Long Term Borrowings	As at March 31, 2021	As at March 31, 2020
Bank Overdraft facility- 009300070890	119,995,823	37,284
Demand Loan	20,092,560	2,128,968
Car Loan	2,155,961	1,541,659
Bank Overdraft facility- 043300PD00002790	12,155,665	-
Term loan	55,557,544	74,857,094
Total	209,957,553	78,565,005

Schedule - D Non Current Liabilities	As at March 31, 2021	As at March 31, 2020
Hostel Security Deposits	3,799,418	5,444,044
Tuition Security Deposits	59,441,184	53,871,411
Library Security Deposits	1,105,139	922,139
Provision for Gratuity	52,309,118	-
Total	116,654,859	60,237,594

Schedule - E Current Liabilities and Provisions	As at March 31, 2021	As at March 31, 2020
Fees Pending Reconciliation	1,110,828	2,161,507
Students Development fund	277,283	-
Duties & Taxes	5,230,952	2,535,084
Sundry Creditors	18,636,729	29,156,894
Conference Grant	794,359	397,733
Students Exchange Program	540,001	660,001
Left Students Payable	1,458,114	1,993,889
Fellow Ship Grants Payable	328,280	600,206
Salary Payable	14,877,880	15,183,527
Faculty Club Income	663,599	481,685
Miscellaneous Payable	33,395	739,513
H.P. Private Edu. Ins. Reg. Comm (Refer Note-4)	23,844,809	19,560,650
Security payable (provision)	211,437	467,437
Caution Money	1,500	1,500
Deferred Revenue (Refer Note-5)	107,822,979	95,953,951
Total	175,832,145	169,893,577

Schedule - G Capital Work- In- progress	As at March 31, 2021	As at March 31, 2020
Capital Work- in- Progress	25,119,626	5,880,640
Total	25,119,626	5,880,640

Schedule - H Capital Advances	As at March 31, 2021	As at March 31, 2020
Capital Advances	21,513,864	21,613,863
Total	21,513,864	21,613,863



Ben Khosh
VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - I Current Assets	As at March 31, 2021	As at March 31, 2020
Sundry Debtors(Fees Recoverable)	65,119,636	42,881,974
Less : Provision for bad & Doubtful debts	(12,288,304)	
Net Debtors	52,831,332	42,881,974
Cash in Hand	81,205	140,612
Balances with Scheduled Banks		
- Current and Savings Accounts	81,681,604	83,157,273
- In Term Deposits	154,337,918	34,637,918
Total	288,932,059	160,817,778

Schedule - J Loans and Advances	As at March 31, 2021	As at March 31, 2020
Prepaid Expenses	2,816,748	1,858,713
Loans & Advances	27,791,000	24,265,195
TDS 2020-21	989,940	
TDS 2016-17		479,612
TDS 2018-19		424,170
TDS 2019-20	622,247	622,247
Security Deposits	2,212,313	2,467,213
Other Advances	1,100,846	1,100,846
Interest Accrued but not due on deposits	6,332,200	
Total	41,865,294	31,217,996

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - K Academic Receipts	For the year ended March 31, 2021	For the year ended March 31, 2020
Tuition Fees	438,188,838	402,536,608
Admission Fees	322,250	286,000
Prospectus Fees	4,584,717	1,602,637
Development/Annual Charges	1,910,000	1,795,000
Student Support Fund	30,000	1,723,065
Conselling Fees	3,000	4,000
Fine/Late Fees	75,009	1,022,305
Transportation Fees	827,264	6,922,427
Examination Fees/Re-appear Fee/Re-valuation Fees	3,240,000	4,625,261
Clerical Charges	2,000	122,001
Room Rent/Hostel Fees	2,659,805	23,123,596
Food & beverages	-	52,617,500
Total	451,842,883	496,380,399

Schedule - L Grants and Donations	For the year ended March 31, 2021	For the year ended March 31, 2020
Research Project Income	6,528,300	4,952,222
Donation RK Khosla	-	5,000,000
Donation Yoga Huts	-	11,300
Training Project Income	292,500	2,977,102
Total	6,820,800	12,940,624

Schedule - M Other Income	For the year ended March 31, 2021	For the year ended March 31, 2020
Interest Income	9,532,377	4,855,735
Miscellaneous Income	525,227	2,123,667
Rent expense	4,000	744,799
Gym Membership Fees	-	127,550
Degrees Fees	449,620	348,000
Daffodils Income	6,200	334,150
Agriculture Income	115,904	70,935
Library Income	-	1,855
Health Center Receipt	900	4,000
Pharmacy Lab Note Book Income	-	27,150
Migration Fees	-	171,050
Thesis Submission Fees	141,000	112,500
Moksh Income	-	1,059,550
Project Income	-	239,011
Revenue Sharing (5%)	132,352	3,191,800
Shoolini Chaffet	140,969	443,600
STP	475,628	211,958
GRE/GMAT	-	168,000
Student staff Exchange- reimbursement of Air ticket	-	479,309
Income from conference	-	304,478
Income from Repair and Maintenance	-	425,000
Interest on Income tax refund	74,520	-
Document verification fees	204,000	-
Liabilities written back	4,633,532	1,936,901
Total	16,476,229	17,380,997

Schedule - N Profit on sale of Capital Assets	For the year ended March 31, 2021	For the year ended March 31, 2020
Net Consideration Received on transfer of assets	-	634,785,923
Less: Expenses on transfer on assets	-	(7,788,380)
Less: Net Value of Immovable/movable assets	-	(331,407,782)
Total	-	295,589,761

Schedule - O Utilised Grants and Donations	For the year ended March 31, 2021	For the year ended March 31, 2020
Research Project Expenses	5,201,656	7,013,941
Training Project Expenses	-	3,770,420
Total	5,201,656	10,784,361



VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - P Staff Payments and Benefits	For the year ended March 31, 2021	For the year ended March 31, 2020
Salaries and Wages	208,606,802	197,128,819
Contribution to Provident and Other Funds	7,169,332	6,906,460
Staff Welfare	-	108,782
Honorarium to Guest Faculty	5,316,015	8,105,308
Gratuity Expense	9,016,326	987,073
Total	230,108,475	213,236,442

Schedule - Q Academic Expenses	For the year ended March 31, 2021	For the year ended March 31, 2020
Laboratory Expenses	2,233,926	3,499,843
Subscription Expenses	9,728,911	4,230,534
Examination Expenses	73,647	1,276,074
Internet Charges	2,352,870	1,988,066
Conference Workshop/Industrial Visits/programmes	1,136,833	3,671,681
Student Support Fund	26,818,073	34,522,297
TOTAL	42,344,260	49,188,495

Schedule R - Administrative and General Expenses	For the year ended March 31, 2021	For the year ended March 31, 2020
Water & Electricity	3,117,945	5,881,854
Rent expense	14,566,742	19,743,268
Postage & Telegram	201,266	209,940
Telephone	470,351	1,273,083
Printing & Stationery	290,318	1,378,150
Travelling & Conveyance	428,445	7,332,406
Hospitality	213,723	4,038,959
Sports expenses	95,397	1,370,183
Legal & Professional Charges	5,442,261	1,617,983
Advertisement & Publicity	29,252,798	29,291,051
Car Running expenses	-	3,928
Miscellaneous expenses	2,503,232	1,805,873
Admission Cell expenses	7,051,290	7,342,126
Convocation expenses/Function expenses	132,694	289,639
Library Journal/magazine/newspaper	1,336,324	1,266,592
Advances written off	-	201,389
Health Centre/Medicines	198,289	443,910
Placement Charges	141,600	-
Muksh expenses	-	1,719,359
Gym expenses	527,265	1,116,840
Counseling expenses	-	134,465
Affiliation expenses	-	690,000
Security expenses	2,183,665	5,259,863
IT repair and Maintenance	2,378,009	2,885,761
Freight Charges	45,280	70,430
Food & Beverages	1,256,536	24,233,356
Laundry expenses	14,032	2,376,241
Living scholarship	-	86,000
Land scaping & gardening expenses	441,540	-
Bad Debts written off	2,215,218	-
Inspection Fee of Himachal Pradesh University	-	330,500
Animal-lab material	51,660	400,061
Agriculture Farm related expenses	2,788,863	2,674,381
E Learning expenses	6,277,027	-
Garbage expenses	100,550	-
Provision for Bad & Doubtful debts of fees	12,750,763	-
Total	96,473,083	125,467,591



VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - S Transportation Expenses	For the year ended March 31, 2021	For the year ended March 31, 2020
Vehicle Running Expenses	2,957,856	9,726,699
Bus Taxes & Fees	315,242	336,901
Insurance-Vehicle	1,937,587	1,977,526
Total	5,210,685	12,041,126

Schedule - T Repair and Maintenance	For the year ended March 31, 2021	For the year ended March 31, 2020
Repair & Maintenance Expenses	3,321,578	6,035,611
Sanitation Expenses	5,502,449	12,531,881
Furnishing of University	585,919	509,419
Total	9,409,946	19,076,911

Schedule - U Finance Cost	For the year ended March 31, 2021	For the year ended March 31, 2020
Interest on unsecured loans from members	734,667	7,067,591
Interest on borrowings from Banks	14,740,779	32,531,783
Bank Charges	115,922	3,088,182
Total	15,591,368	42,687,526

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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SCIENCES SOLAN (H.P.)

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Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Foundation For Life Sciences And Business Management, Anand Campus, Solan, H.P.
Notes to financial statement for the year ended March 31, 2021
(All amount in Indian Rupees, unless otherwise stated)

Schedule - F Tangible Assets
Shoolini University of Biotech & Management Sciences

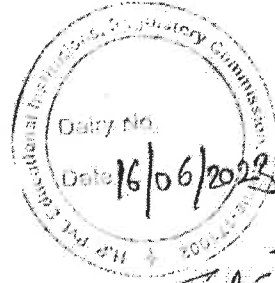
Particulars	Gross Block			Balance as on March 31, 2021	Accumulated Depreciation			Net Block	
	Balance as on April 1, 2020	Additions			Balance as on April 1, 2020	For the year ended March 31, 2021	Balance as on March 31, 2021	Balance as on March 31, 2021	Balance as on March 31, 2020
		More than 6 months use	Less than 6 months use						
Computers & Accessories	47,462,506	226,791	1,332,029	49,021,326	40,087,107	282,752	40,369,859	8,651,467	7,375,399
Buildings	523,176,632	18,285,286	138,570	541,600,488	36,090,195	8,556,193	44,646,388	496,954,100	487,086,437
Agriculture Farm Asset	2,974,421	-	-	2,974,421	93,992	46,996	149,988	2,833,433	2,880,429
Land	22,045,583	-	-	22,045,583	-	-	-	22,045,583	22,045,583
Land development expenses	3,514,183	-	-	3,514,183	-	-	-	3,514,183	3,514,183
Electric Equipment	7,458,676	273,756	181,924	7,914,356	3,877,390	743,222	4,620,612	3,293,744	3,581,286
Fire Fighting Equipment	443,523	-	738,289	1,181,812	23,543	77,203	100,746	1,081,066	419,980
Furniture & Fixtures	37,438,654	-	400,840	37,839,494	25,618,491	4,471,522	30,090,013	7,749,481	11,820,163
Furnishing of Girls	2,092,877	-	-	2,092,877	828,240	248,634	1,076,874	1,016,063	1,264,637
Lab Equipments	31,833,419	3,799	1,519,847	33,357,065	31,833,419	145,107	31,978,526	1,378,539	-
Library Books	8,210,002	101,057	215,400	8,526,459	4,661,449	1,000,149	5,661,598	2,864,861	3,548,553
Office Equipment	4,893,291	-	-	4,893,291	4,893,291	-	4,893,291	-	-
Network Lan	1,968,802	-	-	1,968,802	1,729,680	-	1,729,680	239,122	239,122
Water Connection	2,771,000	-	-	2,771,000	2,080,952	263,245	2,344,197	426,803	690,048
Sports Equipment	727,425	-	20,160	747,585	416,207	87,616	503,823	243,762	311,218
Research Project Assets	32,844,686	-	1,750,000	34,594,686	28,400,139	166,250	28,566,389	6,028,297	4,444,547
Training Project Assets	73,894	-	-	73,894	73,894	-	73,894	-	-
Musical Instruments	118,525	-	-	118,525	71,149	14,081	85,239	33,295	47,376
Buses	23,038,189	-	-	23,038,189	23,038,189	-	23,038,189	-	-
Solar system	1,351,860	-	-	1,351,860	750,046	128,427	878,472	473,388	601,815
Vehicle	4,340,317	-	926,858	5,267,175	2,607,845	760,433	3,368,278	1,898,897	1,732,472
Food & Beverages Equipments	1,380,651	-	-	1,380,651	227,362	131,162	358,524	1,022,127	1,153,289
Patents	9,248,713	578,963	1,794,429	11,622,096	1,156,089	2,681,221	3,837,310	7,784,785	8,092,624
DG Sets	-	-	1,416,000	1,416,000	-	134,520	134,520	1,281,480	-
E Learning Assets	-	1,256,738	668,166	1,924,904	-	251,827	251,827	1,673,077	-
Telephone Mobile sets	-	-	57,157	57,157	-	5,430	5,430	51,727	-
Total	769,407,829	20,726,390	11,159,660	801,293,879	208,558,669	20,195,989	228,754,658	572,539,221	560,849,161



VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management
Solan (H.P.)

No. EDN-A-Ka(4)-1/2023-Fee
Government of Himachal Pradesh.
Department of Higher Education.



From

The Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
Shoolini University of Biotechnology & Management Studies, Solan,
District Kangra, HP.

Dated, Shimla-171 002, the 13th June, 2023.


Subject:

Final Fee Structure for the Academic Session 2023-24.

Sir/ Madam,

I am directed to refer to the subject cited above and to say that after receiving proposals for fee approval for the academic session 2023-24, the Government on the recommendations of the Fee Structure Committee No.-I (For Medical Courses) has approved the fee structure of your University as per Annexure- 'A', subject to following terms and conditions:

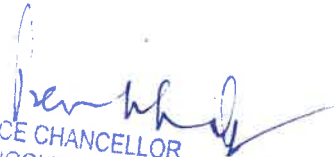
1. The University shall not start any course without the approval of the Himachal Pradesh Private Educational Institutions Regulatory Commission.
2. The approval of fee structure of new courses as well as for existing courses for the academic session 2023-24 shall be subject to condition that same shall be applicable only in favour of those courses which have already been approved by the Himachal Pradesh Private Educational Institutions Regulatory Commission.
3. If any course/ degree/ programme is not recognized by the UGC Regulatory Bodies for which the fee has been approved then the fee for the same shall be deemed to be not approved.
4. The fee structure approved for courses for the year 2022-23, shall not be applicable for the year, unless these courses are approved by the Himachal Pradesh Private Educational Institutions Regulatory Commission for continuation.
5. The University shall ensure engaging the faculty as per the norms fixed by the Regulatory bodies i.e. UGC, AICTE, BCI, MCI, etc. and comply with the UGC (Establishment and Maintenance of Standards in Private Universities Regulations) 2003 and amended from time to time.
6. The University shall comply with "Mandatory Assessment and Accreditation of Higher Educational Institutions" Regulation, 2012 and amended from time to time, if any.
7. Copies of annual accounts and balance sheet prepared under sub-section (4) of section 39 of the Act of the individual concerned shall be presented to the



VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

7
Himachal Pradesh Private Educational Institutions Regulatory Commission, Shimla and to the Government through the Director of Higher Education H.P. Shimla by 31st July positively.

8. The University shall give the details of regular faculty, physical academic infrastructure and academic yearly calendar (such as vacation, admission date, eligibility criteria, examination schedule, extra curriculum activities etc.) in the prospectus for the information of students, general public and the State Government, and copy of the same be provided to the Himachal Pradesh Private Educational Institutions Regulatory Commission as well as to the Govt. through Director of Higher Education, H.P. Shimla well before starting of the next academic session. Further, the details of the entire faculty including contract/ part time should be available alongwith their photos, qualification and bio-data in the official website of the University, who are in position as on 31st August.
9. The infrastructure viz. computers, laboratories and other equipments shall be provided as per the norms of the Regulating Bodies and shall be available before the start of the respective course.
10. The tuition fee shall be charged annually, **in two equal installments.**
11. The University shall ensure that **fee towards building fund, infrastructure fund, development fund, etc. be not charged from the students** in compliance to judgment passed in CWP No.8789 & 8781 of 2014- Business Institute of Management Studies V/s State of HP and ors. In case the Institutional Development Charges have been charged from the old students then it should be ensured that the same should be adjusted in the tuition fee to be charged in future. In case of final year students same should be refunded.
12. One time Caution Money for Hostel will be 5,000/- and for the University it will be 10,000/-, which is refundable. The University shall ensure that the Caution Money which is refundable to the students **shall be adjusted in the Tuition Fee.** In case of the Final Year of the Students same should be refunded.
13. The University shall ensure that the fee as approved by the Government be charged from the Students and no other fees shall be charged under any other head of the University.
14. The University shall clearly categorize the fees for hostellers and non-hosteller, as the case may be and the details thereof as approved by the Government shall be given in the prospectus.
15. The University shall encourage and implement all the welfare schemes applicable for the staff as well as to the students.
16. The 10% (ten percent) seats in all the courses will be reserved for Himachali Bonafide BPL/ IRDP candidates in all Private Universities on free of "Tuition Fees Basis".
17. The fee approved shall be applicable from the academic session 2023-24 for the new batch and will remain same till the completion of the course. The old


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batch shall be charged as per the earlier approved fee structure till completion of their course.

18. As per the provisions of the Section 8(a) of the Himachal Pradesh Private Educational Institutions (Regulatory Commission) Act, 2010. upto 1% (One) fee as assessed by the Regulatory Commission is required to be credited to the fund established vide Act *ibid*. To charge such percentage of the total fee as would be assessed by the Regulatory Commission for the academic session 2023-24 is permissible under Section 8(a) of the Act *ibid*, subject to the final outcome of the Civil Appeal no. 11290 of 2013 and get deposited with the HP PEIRC.
19. In case any deficiency is observed at later stage or fee in excess has been charged, appropriate action as per Act/ Rules shall be initiated against the University.

Yours faithfully,

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.


Endst. No. EDN-A-Ka(4)-1/2023-Fee Dated; Shimla-171 002, 13th June, 2023.

Copy for information and further necessary action to:

1. The Secretary (Health) to the Government of Himachal Pradesh, Shimla-02.
2. The Secretary, Himachal Pradesh Private Educational Institutions Regulatory Commission, Happy Nest Building, Kangnadhur, Below BCS Shimla-09.
3. The Director/Member Secretary-cum- Joint Director, Directorate of Higher Education, Shimla-1, with the direction to upload the same on departmental website for the information of general public/ students.

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.


VICE CHANCELLOR
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Annexure-A

Final fee structure of Old/New Medical Courses in R/o Shoolini University of Biotechnology & Management Studies, Solan, District Solan, HP. for the academic session 2023-24.

Sr. No.	Name of the Course	Fee proposed for the academic session 2023-24	Recommended fee structure for the academic session 2023-24	Remarks if any
		Tuition & all other Fees(In Rs.) (Annual in two equal installments)		
1	B Pharmacy	1,41,086	1,28,260	Subject to prior approval from PCI for session 2023-24
2	M Pharma Pharmaceutics	1,69,303	1,53,912	
3	M Pharma Pharmacology	1,69,303	1,53,912	
4	M Pharma Pharma Chemistry	1,69,303	1,53,912	
5	M Pharma Pharmacognosy	1,69,303	1,53,912	
6	B Pharmacy (LEET)	1,41,086	1,28,260	Approval of State Govt. is required to run these courses for the session 2023-24
7	BSc (Hons) Dialysis Therapy	1,32,000	70,000	
8	BSc (Hons) Optometry	1,32,000	70,000	
9	BSc (Hons) Radiology	1,32,000	70,000	
10	Bachelor of Physiotherapy (BPT)	1,32,000	70,000	
11	PhD Pharmaceutical Sciences (Pharmaceutics, Pharmacology, Medicinal Chemistry, Pharmacognosy, Pharmaceutical Chemistry)	1,83,412	1,76,738	Subject to prior Approval from competent authority

(Sunil Verma)
Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh

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Registrar
Shoolini University of Biotechnology
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Solan (H.P.)

No. EDN-A-Ka(4)-1/2023-Fee
Government of Himachal Pradesh,
Department of Higher Education.

From

The Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
Shoolini University of Biotechnology & Management Studies, Solan,
District Kangra, HP.

Dated, Shimla-171 002, the 04th July, 2023.

Subject: Final Fee Structure for the Academic Session 2023-24.

Sir/ Madam,

I am directed to refer to the subject cited above and to convey the approval of the Government for fee structure for the academic session 2023-24 as recommended by the Fee Structure Committee No.-III, as per Annexure- 'A', subject to terms and conditions already conveyed vide this department letter of even number dated 13th June, 2023.

Yours faithfully,

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.

Endst. No. As above

Dated; Shimla-171 002,

04th July, 2023.

Copy for information and further necessary action to:

1. The Secretary, Himachal Pradesh Private Educational Institutions Regulatory Commission, Happy Nest Building, Kangnadhur, Below BCS Shimla-09.
2. The Director/Member Secretary-cum- Joint Director, Directorate of Higher Education), Shimla-1, with the direction to upload the same on departmental website for the information of general public/ students.

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.


VICE CHANCELLOR
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Solan (H.P.)

Annexure-A


Final fee structure of Old/New other Courses in R/o Shoolini University of Biotechnology & Management Studies, Solan, District Solan, HP. for the academic session 2023-24.


Sr. No.	Name of the Course	Proposed fee structure for the academic session 2023-24		Recommended fee structure for the academic session 2023-24		Remarks if any
		HP	Non HP	HP	Non HP	
		Tuition & all other Fees (Annual in two equal installments) in Rupees				
1	B.Com. (Hons) - 4 Years	1,76,000	2,20,000	1,76,000	2,20,000	
2	BBA 3 years	1,03,246	1,21,000	1,03,246	1,21,000	
3	BBA 4 years with specializations	1,76,000	2,20,000	1,76,000	2,20,000	
4	B.Sc. Culinary Arts	1,89,750	2,03,500	1,89,750	2,03,500	
5	B.Sc. Hospitality and Hotel Administration	1,47,499	1,59,500	1,47,499	1,59,500	
6	B.Sc. Travel & Tourism Management	1,58,400	1,98,000	1,58,400	1,98,000	
7	B.Sc. Hospitality and Culinary Management	1,58,400	1,98,000	1,58,400	1,98,000	
8	B.Sc. Hospitality and Catering Management	1,58,400	1,98,000	1,58,400	1,98,000	
9	MA/MSc Defence and Strategic Studies	1,32,000	1,65,000	1,32,000	1,65,000	
10	MBA (With Specializations)	2,97,000	3,27,250	2,97,000	3,27,250	
11	Post Graduate Diploma in Direct Selling	1,63,350	1,87,000	1,63,350	1,87,000	
12	BA (Hons) (English, Sanskrit, Hindi, Theology, Religious Studies, Buddhism, Public Policy & Administration, Sociology, Philosophy, Economics & Finance, History, Political Science) (4 Years)	1,76,000	2,20,000	1,76,000	2,20,000	
13	BA / BSc (Hons) Behavioral & Neuro Psychology, Psychology and Counseling (4 years)	1,76,000	2,20,000	1,76,000	2,20,000	
14	B. Des	2,08,725	2,31,000	2,08,725	2,31,000	
15	BA/ BSc Yoga	81,125	93,500	81,125	93,500	
16	B.Sc. Fashion Design	1,66,980	1,87,000	1,66,980	1,87,000	
17	B.Sc. (Hons) Interior Designing	1,66,980	1,87,000	1,66,980	1,87,000	
18	MA in Sanskrit, Hindi, Sociology, History, Geography, Fine Arts, Public Policy & Administration, Economics, English Literature, Political Science	1,32,000	1,65,000	1,32,000	1,65,000	
19	B.Sc./ BA (Ancient Indian Wisdom and Yoga)	1,19,790	1,32,000	1,19,790	1,32,000	
20	M.Sc./MA Yoga	1,03,246	1,15,500	1,03,246	1,15,500	
21	BA Journalism and Mass	81,125	95,700	81,125	95,700	


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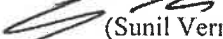

 Registrar
 Shoolini University of Biotechnology
 & Management Sciences
 Solan (H.P.)

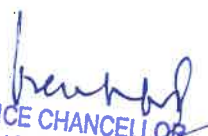
	Communication					
22	MA Journalism and Mass Communication	1,04,368	1,21,000	1,04,368	1,21,000	
23	Post Graduate Diploma in Journalism and Mass Communication	1,17,997	1,32,000	1,17,997	1,32,000	
24	BALLB					
25	LLB	1,26,489	1,44,100	1,26,489	1,44,100	Subject to prior approval from BCI for academic session 2023-24
26	LLM	1,26,489	1,48,500	1,26,489	1,48,500	
27	B.Sc. LLB	1,04,368	1,26,500	1,04,368	1,26,500	
28	B.Com. LLB	1,76,000	2,20,000	1,76,000	2,20,000	
29	BBA LLB	1,76,000	2,20,000	1,76,000	2,20,000	
30	B.Sc. Renewable Energy	1,19,790	1,32,000	1,19,790	1,32,000	
31	M.Sc. Mountain Engineering	1,53,065	1,59,500	1,53,065	1,59,500	
32	B.Sc./ BA (Hons) Mathematics	1,03,246	1,21,000	1,03,246	1,21,000	
33	M.Sc./MA(Hons) Mathematics	1,03,246	1,15,500	1,03,246	1,15,500	
34	M.Sc. Data Science	1,32,000	1,65,000	1,32,000	1,65,000	
35	PG Diploma in Animation and Graphics	1,76,000	2,20,000	1,76,000	2,20,000	Subject to MoU with Skill Sector Council
36	PG Diploma in Game Design and Development	1,76,000	2,20,000	1,76,000	2,20,000	
37	BSc (Hons) Biotechnology (4 years)	1,41,570	1,65,000	1,41,570	1,65,000	
38	BSc (Hons) Microbiology (4 years)	1,76,000	2,20,000	1,76,000	2,20,000	
39	BSc (Hons) Industrial Microbiology 4 years	1,76,000	2,20,000	1,76,000	2,20,000	
40	Integrated B Sc (Hons)- MSc Biotechnology	1,03,246	1,15,500	1,03,246	1,15,500	
41	Integrated B Sc (Hons)- MSc Microbiology	1,03,246	1,15,500	1,03,246	1,15,500	
42	M.Sc. Biotechnology	1,63,350	1,87,000	1,63,350	1,87,000	
43	M.Sc. Biotechnology Research	1,63,350	1,87,000	1,63,350	1,87,000	
44	M.Sc. Microbiology Research	1,32,000	1,65,000	1,32,000	1,65,000	
45	M.Sc. Microbiology	1,32,000	1,65,000	1,32,000	1,65,000	
46	M.Sc. Biochemistry	1,53,065	1,59,500	1,53,065	1,59,500	
47	B.Sc. (Hons) Food Technology (4 years)	1,41,570	1,65,000	1,41,570	1,65,000	
48	B.Sc. (Hons) Nutrition and Dietetics (4 years)	1,25,235	1,32,000	1,25,235	1,32,000	
49	M.Sc. Food Technology Research	1,63,350	1,87,000	1,63,350	1,87,000	
50	M.Sc. Nutrition and Dietetics	1,53,065	1,76,000	1,53,065	1,76,000	
51	B.Sc. (Hons) Agriculture	1,33,441	1,48,500	1,33,441	1,48,500	Subject to prior approval by the State Govt.
52	B.Sc. (Hons) Forestry	1,76,000	2,20,000	1,76,000	2,20,000	
53	M.Sc. Forestry	1,32,000	1,65,000	1,32,000	1,65,000	
54	MSc Agriculture (Agronomy)	1,53,065	1,65,000	1,53,065	1,65,000	



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55	MSc Agriculture (Agricultural Extension and Communication)	1,53,065	1,65,000	1,53,065	1,65,000	
56	MSc Agriculture (Agricultural Economics)	1,53,065	1,65,000	1,53,065	1,65,000	
57	MSc Agriculture (Entomology)	1,53,065	1,65,000	1,53,065	1,65,000	
58	MSc Agriculture (Plant Pathology)	1,53,065	1,65,000	1,53,065	1,65,000	
59	MSc Agriculture (Soil Science and Agriculture Chemistry)	1,53,065	1,65,000	1,53,065	1,65,000	
60	M.Sc. Agriculture (Genetics & Plant Breeding)	1,53,065	1,65,000	1,53,065	1,65,000	
61	B.Sc. (Hons) Botany (4 years)	1,32,000	1,65,000	1,32,000	1,65,000	
62	B.Sc. (Hons) Zoology (4 years)	1,32,000	1,65,000	1,32,000	1,65,000	
63	B.Sc. (Hons) 4 years	1,32,000	1,65,000	1,32,000	1,65,000	
64	M.Sc. Botany Research	1,32,000	1,65,000	1,32,000	1,65,000	
65	M.Sc. Zoology Research	1,32,000	1,65,000	1,32,000	1,65,000	
66	M.Sc. Environmental Sciences	1,32,748	1,48,500	1,32,748	1,48,500	
67	B.Sc. (Hons) Physics (4 years)	1,41,570	1,65,000	1,41,570	1,65,000	
68	B.Sc. (Hons) Chemistry (4 years)	1,41,570	1,65,000	1,41,570	1,65,000	
69	M.Sc. Physics Research	1,32,000	1,65,000	1,32,000	1,65,000	
70	M.Sc. Chemistry Research	1,32,000	1,65,000	1,32,000	1,65,000	
71	M.Sc. Pharmaceutical Chemistry	1,32,748	1,48,500	1,32,748	1,48,500	
72	M.Sc./M Tech Nanotechnology	1,32,000	1,65,000	1,32,000	1,65,000	
73	BA (Hons) Economics and Data Science	1,19,790	1,32,000	1,19,790	1,32,000	
74	BA/BSc (Hons) Clinical Psychology	1,76,000	2,20,000	1,76,000	2,20,000	
75	MA/MSc Clinical Psychology	1,63,350	1,81,500	1,63,350	1,81,500	
76	MA/ M .Sc. Psychology	1,63,350	1,81,500	1,63,350	1,81,500	
77	M.Sc. Botany	1,32,000	1,65,000	1,32,000	1,65,000	
78	M.Sc. Food Technology	1,63,350	1,87,000	1,63,350	1,87,000	
79	M.Sc. Physics	1,32,000	1,65,000	1,32,000	1,65,000	
80	M.Sc. Zoology	1,32,000	1,65,000	1,32,000	1,65,000	


 (Sunil Verma)
 Joint Secretary (Hr. Education) to the
 Government of Himachal Pradesh.


 VICE CHANCELLOR
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 SCIENCES SOLAN (H.P.)


 Registrar
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No. EDN-A-Ka(4)-1/2023-Fee
Government of Himachal Pradesh,
Department of Higher Education.

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28/07/23

From

The Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
Shoolini University of Biotechnology & Management Studies, Solan,
District Kangra, HP.

Dated, Shimla-171 002, the 4th July, 2023.

Subject: Final Fee Structure for the Academic Session 2023-24.

Sir/ Madam,

I am directed to refer to the subject cited above and to convey the approval of the Government for fee structure for the academic session 2023-24 as recommended by the Fee Structure Committee No.-II, as per Annexure- 'A', subject to terms and conditions already conveyed vide this department letter of even number dated 13th June, 2023.

Yours faithfully,

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.

Endst. No. As above

Dated; Shimla-171 002,

4th July, 2023.

Copy for information and further necessary action to:

1. The Secretary (Tech. Education) to the Govt. of HP, Shimla-02.
2. The Secretary, Himachal Pradesh Private Educational Institutions Regulatory Commission, Happy Nest Building, Kangradhar, Below BCS Shimla-09.
3. The Director/Member Secretary-cum- Joint Director, Directorate of Higher Education), Shimla-1, with the direction to upload the same on departmental website for the information of general public/ students.
4. Guard file.

(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Annexure-A

Final fee structure of Old/New Technical Courses in R/o Shoolini University of Biotechnology & Management Studies, Solan, District Solan, H.P. for the academic session 2023-24.


Sr. No.	Name of the course	Proposed fee structure for the Himahali Students for the academic session 2023-24	Proposed fee structure for the Non-Himahali Students for the academic session 2023-24	Recomm ended Fee Structure for Himachali Students for the academic session 2023-24	Recommend ed Fee Structure for Non-Himachali Students for the academic session 2023-24	Remarks
		Tuition & all other Fees(In Rs.) (Annual in two equal instalments)				
1.	B. Tech. IT	2,49,909	2,75,000	2,49,909	2,75,000	
2.	B. Tech. (LEET) IT	2,49,909	2,75,000	2,49,909	2,75,000	
3.	B. Tech. CE	1,88,639	2,03,500	1,88,639	2,03,500	
4.	B. Tech. Mechanical Engineering	1,88,639	2,03,500	1,88,639	2,03,500	
5.	B. Tech. Renewable Energy	2,06,140	2,20,000	2,06,140	2,20,000	
6.	B. Tech. ECE	1,88,639	2,03,500	1,88,639	2,03,500	
7.	B. Tech. EE	1,88,639	2,03,500	1,88,639	2,03,500	
8.	B. Tech. Mechatronics	2,06,140	2,20,000	2,06,140	2,20,000	
9.	B. Tech. CSE	2,64,000	3,30,000	2,64,000	3,30,000	
10.	B. Tech. Bioinformatics	2,06,140	2,20,000	2,06,140	2,20,000	
11.	B. Tech. Automobile Engineering	2,06,140	2,20,000	2,06,140	2,20,000	
12.	B. Tech. Artificial	2,49,909	2,75,000	2,49,909	2,75,000	


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 Solan (H.P.)

	Intelligence					
13.	B. Tech. Defence Technology	2,11,750	2,20,000	2,11,750	2,20,000	
14.	B. Tech. (LEET) Civil Engineering	1,88,639	2,03,500	1,88,639	2,03,500	
15.	B. Tech. (LEET) Mechanical Engineering	1,88,639	2,03,500	1,88,639	2,03,500	
16.	B. Tech. (LEET) Renewable Energy	2,06,140	2,20,000	2,06,140	2,20,000	
17.	B. Tech. (LEET) ECE	1,88,639	2,03,500	1,88,639	2,03,500	
18.	B. Tech. (LEET) EE	1,88,639	2,03,500	1,88,639	2,03,500	
19.	B. Tech. (LEET) Mechatronics	2,06,140	2,20,000	2,06,140	2,20,000	
20.	B. Tech. (LEET) CSE	2,49,909	2,75,000	2,49,909	2,75,000	
21.	B. Tech. (LEET) Bioinformatics	2,49,909	2,75,000	2,49,909	2,75,000	
22.	B. Tech. (LEET) Automobile Engineering	2,06,140	2,20,000	2,06,140	2,20,000	
23.	B. Tech. (LEET) Artificial Intelligence	2,49,909	2,75,000	2,49,909	2,75,000	
24.	B. Tech. (LEET) Defence Technology	2,11,750	2,20,000	2,11,750	2,20,000	
25.	B.Sc. Computer Science	1,19,790	1,21,000	1,19,790	1,21,000	
26.	B. Tech./ BSc Environmental Sustainability (4 years)	1,58,400	1,98,000	1,58,400	1,98,000	


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27.	M. Tech. CSE	1,80,653	1,92,500	1,80,653	1,92,500
28.	M. Tech. Mechanical	1,80,653	1,92,500	1,80,653	1,92,500
29.	M. Tech. Civil	1,80,653	1,92,500	1,80,653	1,92,500
30.	M. Tech. ECE	1,80,653	1,92,500	1,80,653	1,92,500
31.	M. Tech. Energy Technology	1,80,653	1,92,500	1,80,653	1,92,500
32.	M. Tech. in Climate Science and Sustainable Development	1,32,000	1,65,000	1,32,000	1,65,000
33.	BCA (With specialization)	1,76,000	2,20,000	1,76,000	2,20,000
34.	MCA	1,57,300	1,70,500	1,57,300	1,70,500
35.	M. Tech. Biotechnology	1,80,653	1,92,500	1,80,653	1,92,500
36.	B. Tech. Biotechnology	2,06,140	2,20,000	2,06,140	2,20,000
37.	B. Tech. Biotechnology Research	2,49,909	2,80,500	2,49,909	2,80,500
38.	B. Tech. Food Technology	2,49,909	2,80,500	2,49,909	2,80,500
39.	B. Tech. Food Technology Research	2,49,909	2,80,500	2,49,909	2,80,500
40.	B. Tech. (LEET) Biotechnology Research	2,49,909	2,80,500	2,49,909	2,80,500
41.	B. Tech. (LEET) Food Technology Research	2,49,909	2,80,500	2,49,909	2,80,500
42.	M. Tech. Food Technology	1,80,653	1,92,500	1,80,653	1,92,500
43.	B.Sc./ B. Tech. Nanotechnology (4 years)	1,58,400	1,98,000	1,58,400	1,98,000

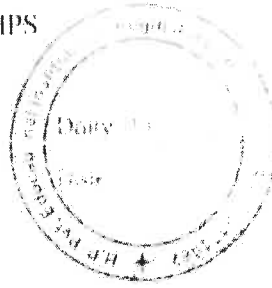
(Sunil Verma)

Joint Secretary (Hr. Education) to the
Government of Himachal Pradesh.


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

No. EDUA-F010/6/2023-EDU-A-IHS
Government of Himachal Pradesh.
Department of Higher Education.



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Sey
JOA II

From

The Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
Shoolini University of Biotechnology & Management Studies, Solan.
District Kangra, HP.

Dated, Shimla-171 002, the November, 2023.

Subject: Final Fee Structure for the Academic Session 2023-24.

Sir/ Madam,

I am directed to refer to the subject cited above and to convey the approval of the Government for fee structure for the academic session 2023-24 as recommended by the Fee Structure Committee No.-II, as per Annexure- 'A', subject to terms and conditions already conveyed vide this department letter of even number dated 13th June, 2023.

Yours faithfully,

(Lalit Vikram)

Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

Endst. No. As above

Dated; Shimla-171 002,

28 November, 2023.

Copy for information and further necessary action to:

1. The Secretary (Tech. Education) to the Govt. of HP, Shimla-02.
2. The Secretary, Himachal Pradesh Private Educational Institutions Regulatory Commission, Happy Nest Building, Kangnadhara, Below BCS Shimla-09.
3. The Director/Member Secretary-cum- Joint Director, Directorate of Higher Education, Shimla-1, with the direction to upload the same on departmental website for the information of general public/ students.
4. Guard file.

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(Lalit Vikram)

Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

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VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

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Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Annexure-A

Final fee structure of Old/New Technical Courses in R/o Shoolini University of Biotechnology & Management Studies, Solan, District Solan, HP. for the academic session 2023-24.

Sr. No.	Name of the course	Proposed fee structure for the Himachali Students for the academic session 2023-24	Proposed fee structure for the Non-Himachali Students for the academic session 2023-24	Recommended Fee Structure for Himachali Students for the academic session 2023-24	Recommended Fee Structure for Non-Himachali Students for the academic session 2023-24	Remarks
		Tuition & all other Fees Annual in two equal installments (In Rs.)				
44.	Ph.D. Data Sciences	2,11,750	2,20,000	2,11,750	2,20,000	
45.	Ph.D. CE	1,67,706	1,82,952	1,67,706	1,82,952	
46.	Ph.D. CSE	1,67,706	1,81,500	1,67,706	1,81,500	
47.	Ph.D. ECE	1,67,706	1,81,500	1,67,706	1,81,500	
48.	Ph.D. Energy	1,73,030	1,88,760	1,73,030	1,88,760	
49.	Ph.D. Food Technology	2,10,034	2,31,000	2,10,034	2,31,000	
50.	Ph. D. ME	1,67,706	1,81,500	1,67,706	1,81,500	

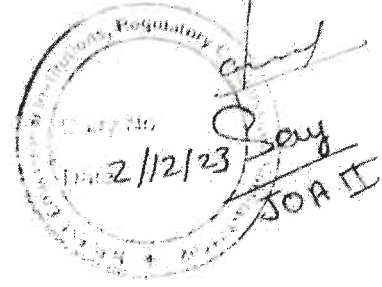

(Lalit Vikram)

Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.


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Registrar
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Solan (H.P.)

No. EDUA-F010/6/2023-EDU-A-HPS
Government of Himachal Pradesh
Department of Higher Education.



From

The Secretary (Education) to the
Government of Himachal Pradesh.

To

The Registrar,
Shoolini University of Biotechnology & Management Studies, Solan,
District Kangra, HP.

Dated, Shimla-171 002, the November, 2023.

Subject: Final Fee Structure for the Academic Session 2023-24.

Sir/ Madam,

I am directed to refer to the subject cited above and to convey the approval of the Government for fee structure for the academic session 2023-24 as recommended by the Fee Structure Committee No.-III, as per Annexure- 'A', subject to terms and conditions already conveyed vide this department letter of even number dated 13th June, 2023.

Yours faithfully,

(Lalit Vikram)

Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

Endst. No. As above

Dated; Shimla-171 002,

28 November, 2023.

Copy for information and further necessary action to:

- ✓ The Secretary, Himachal Pradesh Private Educational Institutions Regulatory Commission, Happy Nest Building, Kangradhar, Below BCS Shimla-09.
2. The Director/Member Secretary-cum- Joint Director, Directorate of Higher Education, Shimla-1, with the direction to upload the same on departmental website for the information of general public/ students.

Kaur

(Lalit Vikram)

Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.


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Solan (H.P.)

Annexure-A

Final fee structure of Old/New other Courses in R/o Shoolini University of Biotechnology & Management Studies, Solan, District Solan, HP, for the academic session 2023-24.

Sr. No.	Name of the Course	Proposed fee structure for the academic session 2023-24		Recommended fee structure for the academic session 2023-24		Remarks if any
		HP	Non HP	HP	Non HP	
		Tuition & all other Fees (Annual in two equal installments) in Rupees				
1	Ph.D. Political Science	1,63,350	1,76,000	163,350	176,000	
2	Ph.D. Agriculture (Agronomy, Agricultural Extension Education, Entomology, Plant Pathology, Soil Science, Plant Breeding & Genetics)	1,62,800	2,03,500	162,800	203,500	
3	Ph.D. Biotechnology	191,334	203,500	191,334	203,500	
4	Ph.D. Botany	191,752	203,500	191,752	203,500	
5	Ph.D. Chemistry	191,752	203,500	191,752	203,500	
6	Ph.D. Economics	153,065	165,000	153,065	165,000	
7	Ph.D. Environmental Sciences	191,752	203,500	191,752	203,500	
8	Ph.D. Forestry	154,000	192,500	154,000	192,500	
9	Ph.D. History, Mass Communication, Sanskrit, Sociology, Theology	154,000	192,500	154,000	192,500	
10	Ph.D. Journalism	163,350	193,050	163,350	193,050	
11	Ph.D. Legal Sciences	153,065	176,000	153,065	176,000	
12	Ph.D. Management Sciences	153,065	176,000	153,065	176,000	
13	Ph.D. Mathematics	147,499	165,000	147,499	165,000	
14	Ph.D. Microbiology	191,752	203,500	191,752	203,500	
15	Ph.D. Physics	191,752	203,500	191,752	203,500	


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16	Ph.D. Yoga	153,065	176,000	153,065	176,000
17	Ph.D. Zoology	191,752	203,500	191,752	203,500

Lalit
(Lalit Vikram)
Deputy Secretary (Hr. Education) to the
Government of Himachal Pradesh.

[Signature]
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[Signature]
Registrar
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& Management Sciences
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UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI 110002

REPORT OF THE INSPECTION COMMITTEE ON ITS VISIT TO SHOOLINI
UNIVERSITY OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES (A
PRIVATE UNIVERSITY), SOLAN DISTRICT, HIMACHAL PRADESH FROM 18TH
TO 19TH OCTOBER, 2010.

Background of the University:


Shoolini University of Biotechnology and Management Sciences was founded and established under the aegis of the Foundation for Life Sciences and Business Management as a private University by an Act of the Legislative Assembly of Himachal Pradesh vide Notification No. EDN-A-Gha(8)-10/2006 dated 15th October, 2009.

The Foundation for Life Sciences and Business Management (FLSBM) is a registered Society having its registered office at the Anand Campus, The Mall Road, Solan, Himachal Pradesh. The Foundation initiated its educational venture in 2003-04 by setting up the Shoolini Institute of Life Sciences and Business Management, affiliated to Himachal Pradesh University. In a short span of seven years, it has become a premier Institute of Science in general and Biotechnology in particular.

Vision of the University: The vision of the University is to be amongst the top 3 National Centers in academics and research in its area of specialty – Biotechnology, management sciences and related fields.

Mission of the University: The mission of the University is to provide students with an opportunity to learn and interact with top most experts in their fields of expertise. The University's model is to blend expertise in biosciences with the principles and practices of business management and create exceptionally skilled human resource for future leadership positions in biotechnology, pharmaceutical, food technology as well as specialized BPO and research companies.

Objectives of the University: The objectives of the University are to: a) encourage and foster research and development in conserving, managing and harnessing the biodiversity of the Himalayas by the application of location specific technologies; b) integrate biotechnology, basic and applied sciences, engineering and management sciences for developing technologies relevant for the Himalayan economy; c) develop human resources in these disciplines i.e. biotechnology, basic and applied sciences, engineering and management sciences; and d) provide industry relevant education at an affordable cost to students of Himachal Pradesh and neighboring states.


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To achieve these goals, the University is proactively building faculty, infrastructure and developing an atmosphere where students acquire relevant skills and deep domain knowledge. It is envisaged that the University over time develops on a research driven model.

At present, the University has a total of five Faculties (Faculty of Biotechnology, Faculty of Sciences, Social Sciences & Languages, Faculty of Engineering and Technology, Faculty of Management Sciences and Faculty of Pharmaceutical Sciences). All these faculties offer undergraduate and postgraduate courses.

The details of the courses being offered by five Faculties are as under:

1. Faculty of Biotechnology:

- 4 year B.Tech (Biotechnology) jointly with faculty of Engineering and Technology
- 4 year B.Tech (Food Technology) jointly with Faculty of Engineering
- 2 year M.Tech (Biotechnology) jointly with faculty of Engineering and Technology
- 2 year M.Sc.Hons (Biotechnology and Microbiology)
- 1 year M.Phil (Biotechnology and Microbiology)
- 3 year Ph.D. (Biotechnology and Microbiology).

2. Faculty of Science, Social Sciences and Languages:

- 2 year M.Sc. (Physics, Chemistry and Environment Science and Climate Change)
- 1 year M.Phil (Physics, Chemistry, Botany, Environment Sc. and Zoology)
- 3 year Ph.D (Botany, Zoology and Chemistry)

3. Faculty of Pharmaceutical Sciences:

- 4 year B.Pharm
- 2 year M.Pharm (Pharmaceutics, Pharmacology, Pharmaceutical Chemistry, Quality Assurance, Pharmacognosy and Biotechnology)
- 3 year Ph.D.

4. Faculty of Engineering and Technology:

- 4 year B.Tech (Electronics and Communication, Computer Science & Engineering and Mechanical Engineering)

5. Faculty of Management Sciences:

- 3 year B.Com (Hons)
- 2 year MBA
- 2 year MBA Biotechnology (jointly with faculty of Biotechnology)
- 3 year Ph.D.


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II. Composition of the Expert Committee:

- | | |
|--|------------------|
| 1. Prof Furqan Qamar, Vice Chancellor,
Central University of Himachal Pradesh,
Dharamshala, Distt Kangra (HP) | Chairman |
| 2. Dr T.R Kem, Director, Consortium for Educational
Communication, IUAC (NSC) Campus,
New Delhi-110067 | Member |
| 3. Dr H.B.Waliker, Chairman, Department of Computer Science
Karnataka University, Dharwad-500 003 | Member |
| 4. Prof M.R.Rajeshwari, Department of Biochemistry
All India Institute of Medical Sciences (AIIMS)
Ansari Nagar, New Delhi-110 029 | Member |
| 5. Prof P.K.Kotia, Head, Department of Economic &
Financial Management, University of Rajasthan
Jasipur-302 055 (Rajasthan) | Member |
| 6. Prof D.Chakraborty, Principal, Institute of Pharmacy
Kalyani, Nadia, West Bengal | Nominee of PCI |
| 7. Dr Shakeel Ahmad, Deputy Secretary, UGC
New Delhi | Member-Secretary |

Prof. V.N. Gupchup, Former Pro-Vice-Chancellor, Mumbai University was nominated as the Nominee of the AICTE. Dates of meeting was fixed in consultation with the AICTE Nominee. But due to unfortunate severe illness of his wife on 15th October, 2010 and subsequent her admission in the ICU in Bombay, he had to cancel the visit. After getting this information from him over telephone, the AICTE officials were contacted to nominate some other person in place of Prof. V.N. Gupchup. Dr. S.K. Khemani, Director (Admn.) AICTE informed the Member-Secretary in the evening of 16th October, 2010 that in spite of their hard efforts, they could not find a nominee for the Expert Committee in the last moment.

Prof. Chandrakant Kokate, Vice-Chancellor, KLE Academy of Higher Education & Research, Belgaum was also nominated as UGC Member of the Expert Committee. But due to some other urgent work, he could not attend the meeting.

Prior to the actual assessment of the physical and academic infrastructure of the Shoolini University of Biotechnology and Management Sciences, Solan District, Himachal Pradesh, Prof. Furqan Qamar, Chairman and Dr Shakeel Ahmad, Member-Secretary of the Expert Committee briefed all the members about the purpose of the


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visit. Members of the Expert Committee were asked to carry out the inspection in the light of the UGC (Establishment of and Maintenance of Standards in Private Universities) Regulations, 2003.

The members of the Expert Committee were received by the Vice- Chancellor (Prof P.K. Khosla), Members of the Board of Management, Registrar (Mr Ramanand Chauhan), Finance Officer, Controller of Examinations and Deans of the Faculties. After a brief introduction of the Expert Members, the Vice Chancellor of the University made a presentation on the background of the University, activities and programmes offered by the University. The vision and objectives of the University were shared with the members of the Expert Committee. After the presentation, a number of queries were raised by the Members of the Expert Committee. The queries and clarifications were satisfactorily addressed by the Vice Chancellor and other Statutory Officers. Thereafter, the Expert Committee visited all the physical infrastructure available with all the Faculties, supporting facilities like Central Library, Hostel, sports facilities, auditorium, open air theatre, health centre, yoga centre etc. The Committee also held a detailed discussion with the students, staff, members of the Board of Management and Governing Body.

The Inspection Report, based on the presentations made by the University Authorities, discussions with students, staff, members of the Board of Management and documents/information provided by the Registrar of the University, is as follows:

III. Inspection Report

S No.		
1.	Name of the University with Notification No. & date of State Govt.	Shoolini University of Biotechnology and Management Sciences, Solan. Notification No.EDN-A-Gha(8)-10/2006 dated 15 th October, 2009 issued by the Principal Secretary (Hr. Education) to the Government of Himachal Pradesh (Annexure 'A').
2.	Registered office of the University	As per Sec.4(3) of the Act, the University shall situate and have its headquarters at village Bajhol, District Solan (HP). (A copy of the Act of the University is at Annexure 'B').
3.	Name & Headquarters of the Society/Promoting Agency	Foundation for Life Sciences and Business Management, Solan, Himachal Pradesh, registered under the Societies Registration Act, 1860 (21 of 1860) with its Hqrs at Solan itself (A copy of the Certificate of Registration is at Annexure 'C').
4.	Whether the Society/Agency is involved in promoting/running any other University/Institution? If Yes, give details.	Yes. The Foundation is running an Institute- Shoolini Institute of Life Sciences and Business Management, located at Solan, which is affiliated to the Himachal Pradesh University, Shimla. Institute offers both undergraduate and

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		postgraduate programmes such as M.Sc. in Biotechnology/Microbiology/Botany and B.Sc. (Hons.) in Biotechnology/Microbiology and Bachelor of Business Administration.
5.	Territorial Jurisdiction	Himachal Pradesh
6.	Date of Visit	18 th and 19 th October, 2010
7.	Programmes permitted to be offered by Gazette Notification of State Govt and its reference.	<p>This University has been allowed to start the following courses as per para 2(17) of Letter No.EDN-A-Gha(8)-6/2006 dated 23rd April, 2010 from the Principal Secretary (Hr.Education) to the Govt of Himachal Pradesh (Annexure 'D'):</p> <p>I. Faculty of Biotechnology: 1.B.Tech. Biotechnology/Food Technology 2.M.Sc.(Hons) Biotechnology/Microbiology 3.M.Phil. Biotechnology/Microbiology 4.Ph.D. Biotechnology/Microbiology 5.MBA Biotechnology</p> <p>II.Faculty of Engineering & Technology: 1.B.Tech (Electronics & Communication/Computer Technology & Engineering/Mechanical) 2. M.Tech Biotechnology</p> <p>III.Faculty of Management Sciences: 1 B.Com(Hons) 2 MBA General 3 MBA Biotechnology 4 Ph.D</p> <p>IV.Faculty of Pharmaceutical Sciences: 1.B.Pharma 2.M.Pharma 3.Ph.D</p> <p>V.Faculty of Science, Social Sciences and Languages: 1.M.Sc Physics/Chemistry 2.M.Phil. Botany, Zoology, Chemistry 3 Ph.D Botany, Zoology, Chemistry Biotechnology, Microbiology, Environment Management & Climate Change and Business Management</p>
8.	Whether all documents requested by the Inspection Team were provided	Yes


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9.	If no, what are the deficit documents (List to be enclosed)	NA
10.	Whether administrative authorities like Governing Council, Academic Council & BOS formed	<p>Yes, the details are as under:</p> <p>I. Governing Body (Annexure 'E'):</p> <p>1. Shri Ramesh K. Mehan, Chancellor Chairman B.Sc., BE, MSIE (Kansas State Univ), MBA (Dayton Univ) Professional and Industrialist, USA</p> <p>2. Dr P.K. Khosla Member Vice Chancellor</p> <p>3. Mrs Saroj Khosla Member MA B.Ed, ICE (Oxford) Retd Principal, DIET, Solan</p> <p>4. Mr Vishal Anand Member BA Eco. Hons, MBA R/O Hari Bhavan, Solan</p> <p>5. Mr Satish Anand Member B.Com. Businessman R/O Hari Bhavan, Solan</p> <p>6. Mr Ashok Anand Member B.Com. Businessman R/O Hari Bhavan, Solan</p> <p>7. Mr Ashish Khosla, Member BE, PEC, PGDM, IIM Calcutta, Vice President with a leading Bank in UAE</p> <p>8. Mr Atul Khosla Member B.Tech. IIT Kanpur, MBA, Senior Partner & Country Head Oliver Wyman</p> <p>9. Prof. Ramanand Chauhan Member Registrar-cum-Member Secy</p>


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	<p>In addition to the above, two persons are yet to be nominated by the Government of Himachal Pradesh as per Sec.18(e) of the Act. Similarly two members of the State Legislative Assembly are also yet to be elected by the State Legislature as per Section 18(f) of the Act. University has requested the Principal Secretary (Hr.Education) to the Govt of Himachal Pradesh to do the needful</p> <p>As per Section 18 of the Act, the Board of Management stands constituted as under:</p> <p>II. Board of Management (Annexure 'F'):</p> <p>1. Dr P.K.Khosla - Chairman Vice Chancellor</p> <p>Two members of the Governing Body, nominated by the sponsoring body -</p> <p>1. Ms Saroj Khosla - Member MA B.Ed. ICE(Oxford) Retd Principal, DIET, Solan</p> <p>2. Mr Vishal Anand - Member BA Eco Hons. MBA</p> <p>Three persons, who are not the members of the Governing Body, nominated by the sponsoring body</p> <p>1. Ms Ashoo khosla - Member Resident of officers Colony Solan (HP)</p> <p>2. Ms Nishtha Shukla - Member Resident of Hari Bhavan Solan</p> <p>3. Dr S. C. Tewari - Member Professor of Eminence Shoolini University</p> <p>Three persons from amongst the teachers, nominated by the sponsoring body:</p> <p>1. Prof J.B.Nadda - Member Dean, Faculty of Management Sciences, Shoolini Univ, Solan</p>
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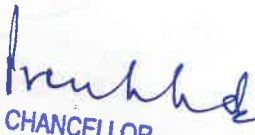

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	2. Dr Sunil Puri Dean, Faculty of Basis Sciences Shoolini Univ. Solan	- Member
	3. Dr S.R.Prabhakar Dean, Faculty of Engineering and Technology	- Member
	4. Prof Ramanand Chauhan Registrar, Shoolini University Solan	- Member Secy
	III. Academic Council (Annexure 'G'):	
	1. Dr P.K.Khosla Vice Chancellor, Shoolini University	- Chairman
	2. Dr J.B.Nadda Dean, Faculty of Management Sciences, Shoolini Univ. Solan	- Member
	3. Dr D.R.Sharma Dean, Faculty of Biotech Shoolini Univ. Solan	- Member
	4. Dr Sunil Puri Dean, Faculty of Basis Sciences Shoolini Univ. Solan	- Member
	5. Prof George Mathew Dean, Faculty of Pharmacy Shoolini University, Solan	- Member
	6. Dr S.R.Prabhakar Dean, Faculty of Engineering & Technology	- Member
	7. Dr S.C.Tewari Dean, Academic Affairs	- Member
	8. Dr J.M.Julka Dean, Planning & placement	- Member
	9. Shri Jagdish Chander Librarian	- Member
	10. Mr Himanshu Monga Assoc.Prof of Engg. & Tech.	- Member
	11. Dr Kamal Dev	- Member


Registrar


Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)


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SCIENCES SOLAN (H.P.)

12

		<p>Assoc Prof. of Biotechnology</p> <p>12 Prof S S Handa - Member Former Director CSIR Regional Research Laboratory Jammu</p> <p>13. Prof R C Mahajan - Member Professor Emeritus PGI Chandigarh</p> <p>14. Prof Ramanand Chauhan - Member Registrar-cum-Member Secy</p> <p>IV. Finance Committee (Annexure- 'H'):</p> <p>1. Dr P.K.Khosla, - Chairman Vice Chancellor</p> <p>2. Ms Nishtha Shukla - Member R/O Hari Bhavan, Solan</p> <p>3. Mrs Saroj Khosla - Member R/O Officers Colony, Solan</p> <p>4. Shri Ashok Anand - Member R/O Hari Bhavan, Solan</p> <p>5. Shri Atul Khosla - Member</p> <p>6. Shri Vishal Anand - Member Secy Chief Finance & A.O.</p> <p>In addition to the above, one member as Government Representative is also to be associated for which University has written to the Principal Secy (Higher Education) to the Government of HP.</p>
11.	Source of finance and quantum of funds available	<p>The Foundation has raised a fund called "General Fund" comprising of contribution by promoters, revenue generated by students' fee, grant-in-aid from research projects and support from various donors in public and private sectors and loan from financial institutions.</p> <p>From fees (estimated) 2010-11 = 996 lacs From State Govt = Nil From UGC = Nil From other sources = 180 lac Research and Training grants = 70 lacs</p>


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		<p>Sponsoring body = 1000 lacs Total quantum of fund available = 1730 lacs</p> <p>(Copy of the Proceedings of the 1st meeting of the Finance Committee at Annexure-I)</p>						
12.	Corpus Fund of the Society/Trust shown to the Inspection Team.	<p>Corpus worth rupees three crores, as per detail given below, has been created and pledged to the Government of Himachal Pradesh:</p> <p>1.FDR No.1835 for Rs 75,00,000/- 2.FDR No.1826 for Rs 75,00,000/- 3.FDR No.1817 for Rs 75,00,000/- 4.FDR No.1808 for Rs 75,00,000/- Total = Rs 3,00,00,000/-</p> <p>Original FDRs have been deposited in the office of the Principal Secretary (Education) to the Government of Himachal Pradesh vide this office letter No.SUMBS/10-2164-65 dated 25-02-2010 (Annexure 'J').</p> <p>Corpus with State Govt = 300 lacs FDR with AICTE (MBA, B.Pharma)= 30 lacs Bank balance: PNB, Solan = 734 lacs Total corpus fund =1180 lacs (Bank Statement attached at Annexure 'K')</p>						
13.	Statement of income and expenditure for the last 3 years (year-wise)	<p>University was established only one year back, therefore the Income and Expenditure statements for the last year is given below:</p> <table border="1"> <thead> <tr> <th>Years</th><th>Income</th><th>Expenditure</th></tr> </thead> <tbody> <tr> <td>2009-10</td><td>6,29,42,710</td><td>5,46,22,978</td></tr> </tbody> </table> <p>Copy of the audited Balance Sheet of the Income and Expenditure for the year 2009-10 of the University is annexed (Annexure 'L').</p>	Years	Income	Expenditure	2009-10	6,29,42,710	5,46,22,978
Years	Income	Expenditure						
2009-10	6,29,42,710	5,46,22,978						
14.	(i) Land documents, if shown, area of land registered in the name of the University and its location in the State	<p>a) Total land 54.13 bighas in the name of the University</p> <p>b) 30 bighas in the name of the members of Foundation for Life Sciences and Business Management (in process with State Government for transfer in the name of the University)</p> <p>Total land available = 84.13 bighas Total land requirement as per guidelines issued by the Govt of Himachal Pradesh vide Notification No.EDN-A-Ka(3)-1/2008-Loose dated 4th</p>						

[Signature] *[Signature]*

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		<p>December, 2008 is 50 bighas/100 canals (Copy of the guidelines is annexed at Flag 'M')</p> <p>The University is located at Bajhol on Solan-Oachghat-Sultanpur road (15 kms away from Solan) and it has 54.13 bighas of land spreading over khasra No.40/1,2, 45/9/2, 49/11, 51/12, 61/18,21,22,23/2, 24, 26, 27, 66/29, 30, 35, 28, 31, 58/16/2 area tadadi 70-15 ka 136/270 part area vakdar 35/14 bigha, 54/14, 60/17/3 area tadadi 8-15 bigha ka 106/175 part area vakdar 5-06 bigha, 50/12 ara 0-10 bigha ka 20/324 part area vakdar 0-02 bigha, 63/18/2 area 0-13 bigha, 15, 59/17 ara 7-15 bigha and 37/1 area 5-03 bigha at Mauja Bajhol, Tehsil and District Solan (Himachal Pradesh) as per permission granted by the HP Government vide letter No.Rev. B.F.(10)/170/2007 dated 15/06/07 from Commissioner cum Secretary (Revenue) HP Government. (Land documents annexed at Annexure 'N')</p> <p>The University has established a Corpus Fund and deposited a sum of Rs. 300 lacs as per detail given below:-</p> <p>1.FDR No 1835 for Rs 75,00,000/- 2.FDR No 1826 for Rs 75,00,000/- 3.FDR No 1817 for Rs 75,00,000/- 4.FDR No 1808 for Rs 75,00,000/- Total = Rs 3,00,00,000/- (Rupees three crores)</p> <p>As already stated above, the FDRs have been deposited with the Govt of H.P. and a copy is already annexed at Annexure J</p>
15.	<p>Administrative Office details</p> <p>i) Total plinth area</p> <p>ii) Built up area</p> <p>iii) Separate offices for Vice Chancellor, Registrar, Financial Officer, Controller of Examination, Administrative Office, Committee Room, Students' waiting room etc.</p>	<p>Necessary detail is given below:</p> <p>1.Total plinth area = 750 sq m 2.Built up area = 700 sq m</p> <p>Separate offices for:</p> <p>a)Vice Chancellor = 60 sq m b)Registrar = 25 sq m c)Finance Officer = 25 sq m d)Controller of Examination = 25 sq m e)Administrative Office = 60 sq m f)Committee Room = 50 sq m g)Examination Store = 30 sq m Strong room = 12 sq m h)Students waiting room = 200 sq m</p>

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		II. Faculty of Engineering and Technology Class rooms 6 60 students each Tutorial 3 40 students each Seminar Hall 1 100 students e.room 1 60 students III. Faculty of Business Management Class room 3 60 students each Tutorial 3 40 students each Seminar hall 1 60 students e. class room 1 60 students Meditation & Yoga Centre 1 120 students IV. Faculty of Pharmaceutical Sciences Class room 6 60 students each Tutorial 3 40 students each Seminar hall 1 150 students Auditorium 1 250 students V. Faculty of Science, Social Sciences and Languages Language Lab 1 60 students Classs room 2 40 students each Tutorial 1 20 students
19	No. of Laboratories, give details	Detail of Laboratories is given below: I. Faculty of Biotechnology: 1. Proteomics & Molecular Biology - 1 2. Genomics & Molecular Biology - 1 3. Genetic Transformation - 1 4. Microbiology undergraduate Lab - 1 5. Industrial Biotechnology - 1 6. Animal cell culture - 1 7. Plant Biotechnology - 1 8. Bioinformatics 9. Biotechnology-undergraduate Lab - 1 10. Biochemistry (General) - 2 II. Faculty of Engineering & Technology: 1. Digital Electronics Lab - 1 2. Basic Electronics Lab - 1 3. Analog Electronics & Simulation Lab - 1 4. Basic Electrical Engg. Lab - 1 5. Biotechnology Lab - 1 6. Physics Labs - 2 7. Chemistry Labs - 2 8. Drawing Hall - 1


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		<p>9. Workshops</p> <p>a) Machine Shop = 1</p> <p>b) Welding Shop = 1</p> <p>c) Fitting Shop = 1</p> <p>d) Carpentry Shop = 1</p> <p>10. Computer Labs - 3</p> <p>11. Drawing Hall - 1</p> <p>12. E-Lab - 1</p> <p>13. Language Lab - 1</p> <p>III. Faculty of Business Management</p> <p>1. Language Lab</p> <p>2. e-Lab (MBA students are provided free Laptops)</p> <p>3. IT Lab</p> <p>IV. Faculty of Pharmacy</p> <p>1. Machine room - 1</p> <p>2. Central Instrumentation Lab - 1</p> <p>3. Computer Lab - 1</p> <p>4. Pharmaceutical Chemistry Labs - 3</p> <p>5. Pharmaceutical Analysis Lab - 1</p> <p>6. Pharmaceutics Labs - 4</p> <p>7. Pharmacognosy Labs - 3</p> <p>8. Quality Assurance Lab Lab - 1</p> <p>9. Pharmaceutical Biotech Lab - 1</p> <p>V. Faculty of Science, Social Sciences & Language:</p> <p>1. Chemistry Labs - 3</p> <p>2. Physics Labs - 2</p> <p>3. Biology Research Lab - 1</p> <p>Common Labs:</p> <p>1. Computer Centre - 1 (Business School)</p> <p>2. Instrumentation Lab - 1 (Pharmacy School)</p> <p>3. Herbarium & Museum - 1 (Biotech School)</p> <p>4. Tissue Culture Lab - 1 (Pharmacy School)</p> <p>5. Languages Lab - 2 (Pharmacy & Business Schools)</p>	
20.	Whether students already admitted? If yes, details of courses and the number of students admitted in each course during the last three years.	<p>During the year 2009-10, this University admitted only 122 students in different programmes of study. Detail of the same is given below:</p> <p>1) BTech (Biotech & CS&E) = 40 students</p> <p>2) M.Sc (Hons) Biotech & Micro = 11 students</p> <p>3) MBA = 24 students</p> <p>4) M. Pharma = 8 students</p> <p>5) M. Phil = 8 students</p> <p>6) Ph.D. = 31 students</p> <p>Total = 122 students</p>	

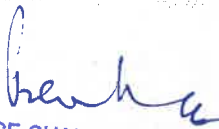


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		<p>During the year 2010-11, the enrolment of students is as under:</p> <table> <tr><td>1) B.Tech</td><td>- 314 students</td></tr> <tr><td>2) B.Pharma</td><td>- 24 students</td></tr> <tr><td>3) B.Com(Hons)</td><td>- 22 students</td></tr> <tr><td>4) MBA (General)</td><td>- 50 students</td></tr> <tr><td>5) MBA (Biotech)</td><td>- 20 students</td></tr> <tr><td>6) M.Pharma</td><td>- 89 students</td></tr> <tr><td>7) M.Sc.Chemistry</td><td>- 70 students</td></tr> <tr><td>8) M.Sc. (Biotech)</td><td>- 72 students</td></tr> <tr><td>9) M.Sc. (Micro)</td><td>- 38 students</td></tr> <tr><td>10) M.Sc. Physics</td><td>- 12 students</td></tr> <tr><td>11) M.Sc. Environment Sc.</td><td>- 2 students</td></tr> <tr><td>12) M.Tech (Biotechnology)</td><td>- 11 students</td></tr> <tr><td>12) M.Phil</td><td>- 44 students</td></tr> <tr><td>13) Ph.D.</td><td>- 31 students</td></tr> <tr><td>Total</td><td>- 797 students</td></tr> </table> <p>Discipline-wise break-up of the students enrolled during 2009-10 and 2010-11 is given in Annexures Q-1 and Q-2.</p>	1) B.Tech	- 314 students	2) B.Pharma	- 24 students	3) B.Com(Hons)	- 22 students	4) MBA (General)	- 50 students	5) MBA (Biotech)	- 20 students	6) M.Pharma	- 89 students	7) M.Sc.Chemistry	- 70 students	8) M.Sc. (Biotech)	- 72 students	9) M.Sc. (Micro)	- 38 students	10) M.Sc. Physics	- 12 students	11) M.Sc. Environment Sc.	- 2 students	12) M.Tech (Biotechnology)	- 11 students	12) M.Phil	- 44 students	13) Ph.D.	- 31 students	Total	- 797 students
1) B.Tech	- 314 students																															
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13) Ph.D.	- 31 students																															
Total	- 797 students																															
21	Whether any Off-Campus or Study/offshore Centre or Admission Centre/established outside the State/abroad.	No Off-Campus or Study Centre has been established by this University.																														
22	Whether functioning of the University has been computerized? If yes, to what extent?	<p>The University has a wi-fi campus along with a leased line, radio-based 24 x 7 internet connectivity. The Computer labs offer thin client technology with IBM servers that support both Linux & Windows based environment. There are central as well as departmental IT facilities with over 250 nodes. In total there are 300 desk top computers. The University has purchased about 240 Laptops.</p> <p>The University has collaborated with Chalkpad for implementation of an ERP software on the campus. The software provides a transparent intranet/internet based interface for faculty, management students and parents</p>																														
23	a)Research & Extension Facility	<p>The following research and extension facilities have been created in the University to carry out the research and extension activities:</p> <p>i) A Central Instrumentation Lab has been established in the School of Pharmaceutical Sciences for research and analytical work.</p> <p>ii) Wi-fi Campus with adequate number of computers for online browsing of journals has been provided.</p>																														


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		<p>iii) e.labs have been established for improving communication skills of the students.</p> <p>iv) The Science Schools are provided with research labs which are adequately equipped. (List of equipments annexed at Annexure 'R')</p> <p>RESEARCH:</p> <p>i) The University has constituted a Research Advisory Committee headed by the Vice Chancellor of the University (Annexure 'S'). The University teachers are inspired to submit research projects to various funding bodies.</p> <p>ii) The thrust areas for different faculties have been approved by the Research Advisory Committee. In order to harness the Himalayan biodiversity, each faculty has been advised to identify collaborative inter-faculty research projects for harnessing the western Himalayan bio-diversity ranging from foot hills of Himalayas to the cold deserts. The information on its ecology, quantification, gene bio-prospecting, extraction of bio-molecules, molecular characterization and testing of drug molecules on animals and socio-legal and ethical studies are employed for marketing strategies.</p> <p>iii) The teachers of the University are formulating research projects for seeking funds and eight projects have been submitted for funding to different funding bodies.</p> <p>iv) Since the University is in its infancy, no external grants have been received for research purposes. However, on the recommendation of the Research Advisory Committee, the University has identified the thrust areas and is supporting research projects from its own resource. The University has allocated Rs 80 lacs as a corpus fund to support research in different faculties. The Postgraduate and Doctoral research programmes of the students are also as per the thrust areas identified by the Research Advisory Committee.</p> <p>The details of the Research Projects are summarized in Annexure 'S'. Faculty-wise number of research projects handled by the students is as under:</p>
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Name of the Faculty	No. of research projects
i) Biotechnology	18
ii) Management Sciences	7
iii) Pharmaceutical Sciences	12
iv) Science, Social Sciences & Languages	9
Total Projects	46

EXTENSION:


The University is actively engaged in transfer of technology by organizing academic activities for the students, scientists and the farmers. These activities are undertaken in the University by the Dean, Research and Development to coordinate with all the five faculties of the University. There is also a Training-cum-Extension Officer for the promotion of transfer of technology and the following activities have been conducted during the last one year


i) A Workshop on introduction to microbiology was held in November, 2009 in which 20 school teachers participated. An extension manuscript was also prepared for the benefit of the trainees. The DST provided funds to the tune of Rs two lac.

ii) The University has also launched tree plantation programme in ten villages of Solan and Shimla Districts and up till now more than ten thousand saplings were distributed free of cost to the farmers. The survival of these plants and after care is monitored by a team of scientists (Rs one lac per annum). A field Camp was organized for farmers on January 31, 2010.


iii) A 3-day Bio Management Fest, the first of its kind in Himachal Pradesh, was organized from May 21-23 2010. The Fest was inaugurated by Shri Rajeev Bindal, Hon'ble Minister of Ayurveda and Health, Himachal Pradesh. More than 1000 students along with teachers from local and nearby schools visited the Fest.

iv) The Department of Science and Technology, GOI, has awarded a project "DARWIN 2009 -


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<p>b) List of Research Publications for the last 3 years</p>	<p>India" to organize national level celebrations of Darwin's Bicentenary Birth anniversary. Dr JM Julka (Director Planning & Professor of Zoology) of this University is the National Coordinator (Rs 8 lac). A brain storming workshop was held on June 21-22, 2010 to finalize the technical programme of the project. Prof K.R. Dhiman, Vice Chancellor, Dr Y.S. Parmar University of Horticulture and Forestry, Solan presided over the function and Prof S.P. Vij, Former Chairman, Department of Botany, Panjab University, Chandigarh delivered the keynote address on "Orchids and Darwin". Twenty five participants attended the meeting.</p> <p>v) A National Conference on "Drug Discovery, Development & Clinical trials : Current status and the way forward" was held on June 26-27, 2010 which was jointly organized by Shoolini University, Pharmanext, Indian Pharmacy Graduate Association and InPharm Association. 250 delegates from different parts of the country attended the Conference. Thirty papers were read on various subjects and about 100 research posters were displayed.</p> <p>vi) The DST has awarded INSPIRE Science Camps for 10+2 students securing 76% marks in Himachal Board and 93% marks in CBSE. The first Science Camp in Himachal Pradesh was held at the Hqrs of the University w.e.f. 10-14 Oct., 2010 in which 320 students from different Schools spread over nine districts of Himachal Pradesh participated. The academic programme was conducted by the Professors and senior faculty from different Universities. Practical training was also provided to the students. The total project outlay is Rs 70 lac. 1000 students will be trained/inspired through different Science Camps to be organized at the Hqrs of this University to adopt science as a research career.</p> <p>b) During the year 2009-10, faculty members of the University has brought a total of 82 publications (Faculty of Biotechnology-14, Faculty of Pharmaceutical Science - 40 and Faculty of Science, Social Sciences & Languages-28). A copy of the Research Publications of the teachers working in different departments is enclosed at Annexure 'T'.</p>
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	c)List of ongoing research projects with their source of funding	c) A list of ongoing research projects with their source of funding is given in Annexure 'U'. Faculty-wise number of ongoing research projects is given below: <table><tr><td>Name of the Faculty</td><td>No. of ongoing research projects</td></tr><tr><td>Biotechnology</td><td>16</td></tr><tr><td>Engineering & Technology</td><td>9</td></tr><tr><td>Management Sciences</td><td>5</td></tr><tr><td>Pharmaceutical Sciences</td><td>4</td></tr><tr><td>Science, Social Sciences & Languages</td><td>6</td></tr></table>	Name of the Faculty	No. of ongoing research projects	Biotechnology	16	Engineering & Technology	9	Management Sciences	5	Pharmaceutical Sciences	4	Science, Social Sciences & Languages	6
Name of the Faculty	No. of ongoing research projects													
Biotechnology	16													
Engineering & Technology	9													
Management Sciences	5													
Pharmaceutical Sciences	4													
Science, Social Sciences & Languages	6													
24	Future plans for starting new courses	<p>Future plans as listed below will be started in a phased manner:</p> <p>i) The University intends to strengthen its research driven model in all the five faculties by introducing/strengthening doctoral education so as to become a role model for private education in biotechnology and related subjects for providing quality human resource</p> <p>ii)To introduce (in a phased manner) specializations in B.Tech (Biotechnology) programme, genetic engineering genomics, enzymology, immunology, nutraceuticals, animal biotechnology, plant biotechnology, medical and pharmaceutical biotechnology, environmental biotechnology</p> <p>iii) To introduce five year elite programme (B.Sc. Hons & M.Sc.) in Life Sciences, Chemistry and Physics. Bright students will be exposed to the relevance of basis sciences as a career.</p> <p>iv) To establish a lead centre on Bioinformatics and Nanotechnology (B.Tech , M.Tech and Ph.D programmes)</p> <p>v) To introduce Pharma D for strengthening clinical trials</p> <p>vi) To start M.Sc. Genomics in collaboration with New Hampshire University, USA</p> <p>vii) To start Management based/social and ethical courses.</p>												


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		a)MBA Patenting and Intellectual Property Rights b)MBA International Business c)MBA Retailing and Consumerism d)MBA in Women Empowerment and Bio Business e)MBA Social Ethics and Medication																								
25.	Whether courses in emerging areas introduced/proposed to be introduced	Yes, Courses in emerging areas viz. B.Tech (Biotechnology), B.Tech (Food Science & Technology), B.Tech (Bioinformatics) etc. have already been introduced.																								
26.	Whether approval of relevant statutory bodies obtained for starting professional courses/increased intake	Shoolini University of Biotechnology and Management Sciences has been established under the Act of State Legislative. The status of the approval is as under. MBA – AICTE approval B Pharma – AICTE approval, PCI applied for B Tech and M.Pharma – AICTE approval not sought but university intends to apply for 2011-12.																								
27.	Admission procedure	Admission is made strictly on the basis of merit. However, the admission in professional and technical courses is made only through entrance test through its own entrance and through State and National Centralised Test such as CAT/MAT/AIEEE/PMT. Admission to doctoral programme is made as per Guidelines of the UGC.																								
28.	Fee structure for the different courses run by the University	Fee structure for different courses run by the University has been approved by the Government of Himachal Pradesh vide letter No.EDN-A-Gha(8)-6/2006 dated 23 rd April, 2010, which is already placed at Annexure C: <table border="1"> <thead> <tr> <th>Courses offered</th><th>Fee</th></tr> </thead> <tbody> <tr> <td>B.Tech</td><td>60,000/-</td></tr> <tr> <td>B.Pharma</td><td>60,000/-</td></tr> <tr> <td>B.Com(Hons)</td><td>25,000/-</td></tr> <tr> <td>MBA</td><td>1,00,000/-</td></tr> <tr> <td>M.Sc.</td><td>55,000/-</td></tr> <tr> <td>M.Sc.(Hons)</td><td>65,000/-</td></tr> <tr> <td>M.Pharma</td><td>1,20,000/-</td></tr> <tr> <td>M.Tech.</td><td>1,10,000/-</td></tr> <tr> <td>M.Phil</td><td>65,000/-</td></tr> <tr> <td>Ph.D.</td><td>70,000/-</td></tr> <tr> <td>Ph.D. in MBA</td><td>50,000/-</td></tr> </tbody> </table>	Courses offered	Fee	B.Tech	60,000/-	B.Pharma	60,000/-	B.Com(Hons)	25,000/-	MBA	1,00,000/-	M.Sc.	55,000/-	M.Sc.(Hons)	65,000/-	M.Pharma	1,20,000/-	M.Tech.	1,10,000/-	M.Phil	65,000/-	Ph.D.	70,000/-	Ph.D. in MBA	50,000/-
Courses offered	Fee																									
B.Tech	60,000/-																									
B.Pharma	60,000/-																									
B.Com(Hons)	25,000/-																									
MBA	1,00,000/-																									
M.Sc.	55,000/-																									
M.Sc.(Hons)	65,000/-																									
M.Pharma	1,20,000/-																									
M.Tech.	1,10,000/-																									
M.Phil	65,000/-																									
Ph.D.	70,000/-																									
Ph.D. in MBA	50,000/-																									


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29.	Examination system	The University is following the Semester system of examination for all the courses, including the course work for M.Phil and Ph.D. Programmes. For undergraduate courses, the allocation of internal and external system is 50:50, while for postgraduate courses it is 100 per cent internal. Four house tests i.e. first hourly, second hourly, mid term and End of term examinations along with marks allotted for attendance, assignments, project reports and quiz tests contribute towards the internal assessment.																												
30.	Number of sanctioned posts Professors, Readers, Lecturers	<p>Professors = 18 Assoc.Prof. = 38 Assistant Prof. = 58 Total = 114</p> <p>Faculty-wise detail of the sanctioned strength of teachers is as under</p> <table><tr><th>Name of the Faculty</th><th>Prof.</th><th>Assoc Prof</th><th>Asst. Prof</th></tr><tr><td>i) Biotech.</td><td>3</td><td>6</td><td>10</td></tr><tr><td>ii) Engg.&Tech</td><td>6</td><td>12</td><td>18</td></tr><tr><td>iii) Management Sciences</td><td>2</td><td>6</td><td>8</td></tr><tr><td>iv)Pharmaceutical Sciences</td><td>4</td><td>8</td><td>12</td></tr><tr><td>v)Science, Social Sciences & Languages</td><td>3</td><td>6</td><td>10</td></tr><tr><td>Total.</td><td>18</td><td>38</td><td>58</td></tr></table> <p>Faculty-wise list of the teachers engaged is given in Annexure 'V'</p>	Name of the Faculty	Prof.	Assoc Prof	Asst. Prof	i) Biotech.	3	6	10	ii) Engg.&Tech	6	12	18	iii) Management Sciences	2	6	8	iv)Pharmaceutical Sciences	4	8	12	v)Science, Social Sciences & Languages	3	6	10	Total.	18	38	58
Name of the Faculty	Prof.	Assoc Prof	Asst. Prof																											
i) Biotech.	3	6	10																											
ii) Engg.&Tech	6	12	18																											
iii) Management Sciences	2	6	8																											
iv)Pharmaceutical Sciences	4	8	12																											
v)Science, Social Sciences & Languages	3	6	10																											
Total.	18	38	58																											
31.	Names, designations, qualifications and publications of the existing teaching staff (department-wise)	Attached at Annexure 'W'.																												
32.	Whether the faculty members organized or attended International/National Conferences/Workshops. If so give details.	<table><tr><th colspan="2">A. Organized</th></tr><tr><th>Faculty</th><th>2009-10</th></tr><tr><td>Biotechnology</td><td>--</td></tr><tr><td>Science, Social Sciences & languages</td><td>1</td></tr><tr><td>Pharmaceutical Sciences</td><td>1</td></tr><tr><td>Engineering & Technology</td><td>-</td></tr><tr><td>Management Sciences</td><td>1</td></tr><tr><th colspan="2">B. Attended:</th></tr><tr><td>Biotechnology</td><td>3</td></tr><tr><td>Science, Social Sciences & languages</td><td>4</td></tr></table>	A. Organized		Faculty	2009-10	Biotechnology	--	Science, Social Sciences & languages	1	Pharmaceutical Sciences	1	Engineering & Technology	-	Management Sciences	1	B. Attended:		Biotechnology	3	Science, Social Sciences & languages	4								
A. Organized																														
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Science, Social Sciences & languages	4																													


VICE CHANCELLOR
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BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)



Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

		<table border="1"> <tr> <td>Pharmaceutical Sciences</td><td>4</td></tr> <tr> <td>Engineering & Technology</td><td>2</td></tr> <tr> <td>Management Sciences</td><td>2</td></tr> </table>	Pharmaceutical Sciences	4	Engineering & Technology	2	Management Sciences	2																		
Pharmaceutical Sciences	4																									
Engineering & Technology	2																									
Management Sciences	2																									
33	Linkages with other Institutions (National & International, give details)	<p>University is making sincere efforts to develop relationship and linkages with several national and international institutions. Details are as under:</p> <p>1) MoU has been finalized with Seoul National University, Seoul, South Korea for exchange of students and faculty.</p> <p>2) An alliance is in the pipeline with New Hampshire University, USA for credit transfer and student/faculty exchange programme in biotechnology and related courses.</p> <p>3) An MoU has been finalized with TR FARM JUIICES (P) LTD (TRFJL) to strengthen academic and scholarly links between the two organizations.</p> <p>4) An MoU has been signed with Genpact a global leader in Business Process and Technology Management for introducing collaborative MBA business processes and operations.</p> <p>5) An agreement has also been signed between Oracle and the University for setting up oracle based Computer Labs.</p> <p>6) An MoU has been signed with the Institute of Transgene Life Sciences, Lucknow to strengthen academic and scholarly links between the two organizations. (Photocopy of the MoUs attached at Annexure 'X')</p>																								
34	Whether Non-teaching staff appointed, if yes, give details	<p>Yes. Detail of the non-teaching employees is given in Annexure 'Y'</p> <table border="1"> <tr> <th>Sl.No.</th><th>Name of the Dept</th><th>No.of non-teaching staff</th></tr> <tr> <td>1.</td><td>Admn. Office</td><td>8</td></tr> <tr> <td>2.</td><td>Audit & Accounts</td><td>4</td></tr> <tr> <td>3.</td><td>Trg. & Placement</td><td>4</td></tr> <tr> <td>4.</td><td>Examination</td><td>4</td></tr> <tr> <td>5.</td><td>Faculty Biotechnology</td><td>6</td></tr> <tr> <td>6.</td><td>Faculty of Engg. & Technology</td><td>8</td></tr> <tr> <td>7.</td><td>Faculty of Business Management</td><td>4</td></tr> </table>	Sl.No.	Name of the Dept	No.of non-teaching staff	1.	Admn. Office	8	2.	Audit & Accounts	4	3.	Trg. & Placement	4	4.	Examination	4	5.	Faculty Biotechnology	6	6.	Faculty of Engg. & Technology	8	7.	Faculty of Business Management	4
Sl.No.	Name of the Dept	No.of non-teaching staff																								
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hank
 VICE CHANCELLOR
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 SCIENCES SOLAN (H.P.)

g. S.
 Registrar
 Shoolini University of Biotechnology

		<table border="1"> <tr> <td>8</td><td>Faculty of Science, Social Sciences & Languages</td><td>6</td></tr> <tr> <td>9</td><td>Faculty of Pharmacy</td><td>6</td></tr> <tr> <td></td><td>Total</td><td>50</td></tr> </table>	8	Faculty of Science, Social Sciences & Languages	6	9	Faculty of Pharmacy	6		Total	50
8	Faculty of Science, Social Sciences & Languages	6									
9	Faculty of Pharmacy	6									
	Total	50									
35.	Whether institute is following UGC pay scales for teaching staff.	As per the 1 st meeting of the Finance Committee as attached Annexure-I above, the teaching staff is given UGC Pay Scales.									
36.	Facilities for faculty and staff	<p>The following facilities have been provided for the faculty and staff:</p> <p>a) An indoor sports room and a gymnasium has been provided at the Campus</p> <p>b) A tennis court, Volley ball court, basket ball court and a large play ground is under development.</p> <p>c) There is a special audio video room and a live wire room (with live internet nodes specially designed for Stock Market Live Training Sessions)</p> <p>d) There are cafes around the place for get-togethers</p> <p>e) An on-campus dispensary is functional at the Campus for the benefit of faculty, staff and students of the University.</p> <p>f) An open amphi theatre for 400 students has been developed.</p>									
37.	Facilities for students	<p>a) The facilities enumerated as Sl.No.36 above are available for the students also.</p> <p>b) Group Insurance Scheme is in the process of finalization.</p> <p>c) Free medical and dental check up is provided.</p> <p>d) University canteen provided lunch, snacks, tea and cold drinks.</p> <p>e) A fleet of University buses are commuting the students from Solan town to the University Campus and vice versa.</p>									


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		<p>f) wi-fi internet connectivity is provided to the students free of cost</p> <p>g) Free Laptops are provided to MBA students.</p>
38.	Sports and games facilities with details	<p>a) An indoor sports room and a gymnasium has been provided at the Campus</p> <p>b) A tennis court, Volley ball court, basket ball court and a large play ground is under development.</p> <p>c) There is a special audio video room and a live wire room (with live internet nodes specially designed for Stock Market Live Training Sessions)</p>
39.	Hostel facilities available, if any	<p>i) One Girls Hostel to accommodate about 220 girls is available at the Campus of the University.</p> <p>ii) Additional hostel facility for 180 students (40 girls and 140 boys) has been created in the town (acquired on temporary lease basis)</p> <p>iii) The boarding facility for another 250 girls and 150 boys is under construction for 2011-12 at the Campus</p>
40.	Other facilities available at the Institute(s) give detail.	<p>a) Free transport facility is provided to the hostlers (twice a week) to visit the town.</p> <p>b) A shop of stationery has been housed in the University campus.</p> <p>c) Xeroxing facility has also been made available in the Campus.</p>

IV. Observations of the Committee

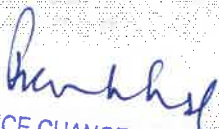
(a) Shoolini University of Biotechnology and Management Sciences is established by the Foundation for Life and Business Management (FLSBM) by an Act of the Legislative Assembly of Himachal Pradesh (Notification No.EDN-A-Gha(8)-10/2006 dated 15th October, 2009). The University is located at a serene and ambient environment of pine trees, 15 kms away from Solan, on Oachghat-Kumarhatti State Highway.

(b) Shoolini University was established on October 15, 2009 and is just one year old.


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- (c) The focus of the University is to promote R&D in Biotechnology and related basic and applied Sciences and to provide industry relevant higher education.
- (d) Shoolini University is being developed around a research driven model – its research agenda includes preparing an intensive and extensive data base of Himalayan bio-resources and to work out their molecular characterization for isolating novel bio-molecules for pharmaceutical and health care industries.
- (e) The University embodies five Faculties (Faculty of Biotechnology, Faculty of Engineering & Technology, Faculty of Management Sciences, Faculty of Pharmaceutical Sciences and Faculty of Science, Social Sciences & Languages). The University has designed its own curriculum structure, contents, teaching and learning and evaluation system offered in various faculties.
- (f) The B.Pharm and MBA courses (earlier being run at the Shoolini Institute of Biotechnology and Business Management) were duly approved by the All India Council for Technical Education in 2008-9 - These two courses are now being run under the aegis of the University.
- (g) The University has a total of 114 sanctioned teaching posts. Out of these, 99 positions have been filled up for the total enrolment of 798 students in the University.
- (h) The University has appointed a Vice Chancellor, Registrar, Finance Officer and Controller of Examination. In addition, The University has constituted Academic Council, Board of Management, Finance Committee and Governing Body.
- (i) The University has built adequate academic area for the existing student strength. In addition it has a fully functional girls hostel for 220 hostels at the University Campus. Hostel facilities for other students have been organized at Solan.
- (j) Though the University has not completed one year of its establishment, its placement cell, health centre, academic linkages with academia and industry, its research driven model along with appointment of a half dozen teachers with Post doctoral experience will give the fillip to the University in making its place in the higher education.
- (k) A collaborative MoU has been signed with the Genpact, one the World's largest business process and technology companies, to enhance skill-set and ensure employment of students.
- (l) The University is keen to strengthen its R&D programmes. It has set up a Research Advisory Committee under the Chairmanship of Prof R.C.Mahajan ex-President, INSA and Bose Emeritus Professor, PGJ, Chandigarh, for promoting research by seeking external funding. Linkages with Seoul National University, South Korea have been established for faculty-student exchange programme. Similarly with the New Hampshire University, USA the project is under active consideration.



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- (m) For promotion of science popularization, the department of Science and Technology, GOI has funded under the schemes such (i) Refresher course on Microbiology for School Teachers (ii) Regional Coordinator for Darwin's Bicentenary Celebrations and (iii) Inspire Science Camps for School children at 10+2 level for generating their interest in science as a career.
- (n) The University has also adopted the ten villages in Solan and Shimla Districts for planting of fruit and forest trees. In the last one year, more than 10,000 saplings have been distributed free of cost and their monitoring for survival is a continuous feature.
- (o) The University has volunteered to organize Science Camps under INSPIRE Internship programme for the students of Himachal Pradesh. The University has taken the responsibility to cater to the needs of 1000 Himachal students through the DST Programme.
- (p) The University has organized a National Conference on Drug Discovery, Development and Clinical Trials – Current Status and the Way forward during the month of June 2010 (26-27 June, 2010). Similar programmes should also be conducted by the faculty of Engineering and Technology and MBA.
- (q) The University has developed good science & technology laboratories. The University has acquired an HPLC and the University intends to use it as a Central facility.
- (r) Physical infrastructure in terms of constructed area, class rooms and labs and other facilities are as per the AICTE and PCI norms.
- (s) In the year 2010 this University has been ranked 6th amongst Private Biotech Institutes/Universities (Bio-spectrum survey, 2010)
- (t) The University is also in the process of building two innovation Centers (i) Centre for Innovative Technologies and (ii) Yoga Vigyan Research Centre in collaboration with the Yogoda Satsanga Society of India.

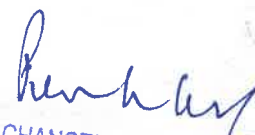
V. Suggestions of the Committee:

1. The University has started Doctoral programme in different disciplines of the University. There is a need to strengthen academic alliances with institutions of repute and leverage existing alliances to strengthen its Ph.D programme.
2. The nomenclature of M.Sc (Hons) Biotechnology and M.Sc (Hons) Microbiology does not figure in the UGC list. The Vice Chancellor informed that these programmes are awarded by the Panjab University, Chandigarh ever since its inception and the University has adopted its course design. He also produced the documents in support of his contention. The Committee recommends that the university may refer the matter to the UGC immediately.


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 & MANAGEMENT SCIENCES
 SOLAN (H.P.)

3. The University has adequate constructed area (1.87 lac sq. ft) to start its academic activities. The University should further develop and increase infrastructure including
 - On-campus hostels, staff residences and students welfare facilities. Being a mountainous area, where land is a limiting factor, the University should pay special attention to upgrade indoor game facilities
 - The construction of a central library should be given a priority for housing adequate number of books and journals and on-line manuscripts
 - The University has an auditorium to accommodate about 250 students. There is a need to construct a big auditorium at the University Campus.
4. The University has set up a number of Science Labs particularly for Biotechnology and Microbiology programmes. The University may consider to foster upgrading these to play a lead role in these areas as well as to seek research funding support from DST, DBT, CSIR and other funding agencies.
5. The University should continue its endeavour to organize seminars, workshops and other academic activities for all the Faculties so as to upgrade its academic standards. Similarly, efforts should be made to organize training programmes.
6. The commitment of the University to make the University 100 per cent computer literate is appreciable. It will be in the fitness of things to organize training programmes for teachers and staff of the University in e-learning.
7. The University should encourage its faculty to publish research papers in National and International journals of repute. In addition, teachers should be encouraged to file patents and the University should give rewards to such teachers whose patents are registered by providing them funds for participating in International Meets.
8. Though University has a Central Library and equipped with books and journals. But there is a need to procure more latest books and international journals.
9. University should make suitable investment for the purchase of more multiple latest equipments to boost the research activities on the campus so that faculty members are in a position to carry out research for their publications as well as for submission of research projects to various funding agencies.
10. University should take initiative to build a separate administrative block.
11. Faculty members should be encouraged to participate in the academic activities.
12. Faculty members should be encouraged to enroll themselves for the doctoral programmes.
13. University should take necessary initiatives to appoint more faculty members, particularly at the senior level. For this purpose, there is a need to evolve a mechanism of web-based/rolling advertisement.


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VI. Recommendations of the Committee

In view of the above facts and observations, discussions with students, staff (both teaching and non-teaching), and members of the Board of Management of the University, the Expert Committee is of the opinion that the Shoolini University of Biotechnology and Management Sciences (A Private University), Solan District, Himachal Pradesh established by an Act of Himachal Pradesh State Legislative, is a fit case for recognition by the UGC as it meets the criteria mentioned in the UGC (Establishment of and Maintenance of Standards in Private Universities) Regulations, 2003 and unanimously recommends for the same

(Prof. Furqan Qamar)
Chairman

(Dr. T. R. Kem)
UGC Member

(Dr. H. B. Walikar)
UGC Member


(Prof. M.R. Rajeshwari)
UGC Member

(Prof. P.K. Kotia)
UGC Member

(Prof. D. Chakraborti)
PCI Nominee

(Dr. Shakeel Ahmad)
Member-Secretary


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Ph. 23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437

www.ugc.ac.in



ज्ञान विज्ञान विमुक्तये

Speed Post

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F.No. 8-1/2010 (CPP-I/PU)

May, 2013

22 MAY 2013

The Registrar,
Shoolini University of Biotechnology and
Management Science,
Village – Bajhol, P.O. – Sultanpur,
Distt. – Solan
Himachal Pradesh.

Sub: - Compliance Report submitted by the Shoolini University of Biotechnology and Management Science, Solan (Himachal Pradesh) in respect of the observations/suggestion given by the UGC Expert Committee.

Sir,

This has reference to the visit of the UGC Expert Committee and subsequent compliance submitted by the University in respect of the observations/suggestions given by the UGC Committee. The Compliance submitted by the University was placed before the Commission at its 493rd meeting held on 10th May, 2013 (Item No: 5.05). The Commission considered the compliance report and approved the same.

The Compliance Report received from the University has been posted on the UGC website www.ugc.ac.in

Yours faithfully,

(P.K. Sharma)
Under Secretary

Copy to: -

1. Publication Officer (Website) with the request to post the above letter on the UGC website alongwith enclosed compliance report received from the Shoolini University of Biotechnology and Management Science, Solan (Himachal Pradesh).

2. S.O. (Meeting) UGC, New Delhi (ATN UGC item No. 5.05 dated. 10th May, 2013).

(Naresh Kumar Sharma)
Section Officer

submitted for the kind perusal of Hon'ble Vice-Chancellor.

28/5/13
Registrar

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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Dashboard | NAD

nad.digilocker.gov.in/dashboard#no-back

Shoolini University of Biotechnology and Management Sciences, Solan, H.P.

Rohit Goyal

Dashboard

Year

19938

Total Awards Lodged

551

Awards Fetched

2962

Total Degree

0

Total Provisional Degree certificate

16970

Total Marksheet

6

Total Diploma

0 / 1977

Total Attempts Yesterday /
Total Attempts in Last One Month

5672

ABC Accounts Created

121

Total ABC Credit Data

111

No of Students with Credit

Notifications

There are no new notifications yet.

Activity

- 1 records processed
- DGMST 7 has been set as template

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Shoolini University of Biotechnology and Management Sciences : [509] University home page

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Recent Submissions

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Browse

Upload Date	Researcher/Guide	Title	Keyword
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Discover

Keyword

Life Sciences 151

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Engineering and Technology 30

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Departments in this University

Faculty of Basic Sciences
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Faculty Of Biotechnology
(/jspui/handle/10603/15780) [188]

Faculty of Engineering and Technology
(/jspui/handle/10603/201240) [35]

Faculty of Management and Liberal Arts
(/jspui/handle/10603/105589) [37]


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Faculty Of Pharmacy (/jspui/handle/10603/19934)
[30]


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Solan (H.P.)

SUBMS-Acad/22-191-99
Dated: 03-05-2023

In exercise of the powers vested in him under the provisions contained in section no. 25 (i) of the Act of the University, Vice Chancellor has been pleased to reconstitute **Student Grievance Redressal Committee (SGRC)** with the following members as per UGC (Redressal of Grievances of Students) Regulations, 2023:

- | | |
|---|------------------|
| 1. Prof Rohit Goyal, Controller of Examination | Chairman |
| 2. Prof Nandan Sharma, Assoc Dean, Legal Sciences | Member |
| 3. Dr Poonam Negi, Associate Professor, Pharmacy | Member |
| 4. Dr Azhar Khan, Professor, Biotechnology | Member |
| 5. Dr Purnima Bali, HoS, Liberal Arts | Member |
| 6. Mr Vishal Sharma student of PhD Physics registration no DF20222118 (Representative of the student) | Special Invitee |
| 7. Mr Mihir Sharma student of B Tech Biotechnology (Research) registration no GF20218395 | Special Invitee |
| 8. Dean Student Welfare | Member Secretary |

In addition to this, Prof S D Bhardwaj, Former Dean, College of Forestry, UHF Nauni, HP is appointed as Ombudsperson.

The above Committee will ensure that timely action is taken for the redressal of complaints by the student and shall submit its report on every complaint to the Vice Chancellor as per UGC (Redressal of Grievances of Students) Regulations, 2023.



REGISTRAR

Copy forwarded for information and necessary action to:


1. All the above-mentioned members of the committee
2. All Deans/Directors, Shoolini University, Solan.
3. All Faculty, Staff, Students of the University
4. Ms Nishtha Anand, with the request to upload on the website and develop a page on university website for lodging complaints.
5. Director Operations, Shoolini University, Solan.
6. Executive Assistant to Vice Chancellor for the information of the latter.



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Shoolini University
Post Box 9, Solan
173212, HP, India

W www.shooliniuniversity.com



Registrar
Shoolini University of Biotechnology
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Solan (H.P.)

No. Tech. NOC (Pvt) Inst (CI) / 2005-1075
Department of Env. & Scientific Technologies

From : The Addl. Chief Secretary (Envn. & ST)
to the Government of Himachal Pradesh

To : The Vice Chancellor,
Himachal Pradesh University,
Summer Hill, Shimla -171 005 H.P.

Dated: - Shimla-2, the ^{31st} October 2007

Subject: No Objection Certificate (NOC) to Shoolini Institute of Life Sciences and Business Management (SILB), Solan.

Sir,

The Shoolini Institute of Life Sciences and Business Management (SILB) Solan, vide letter dated 14.8.2007 & 14.9.07 has requested the Department for the renewal of NOC of the State Government for already approved courses being run by the Institute and also to issue NOC for new courses proposed from the Academic Session 2008-09 with affiliation from Himachal Pradesh University, Shimla.

In this connection, based on the recommendations of the Inspection Committee constituted by the Government, I have been directed to convey the concurrence of the State Govt. in favour of Shoolini Institute of Life Sciences & Business Management (SILB), Solan for renewal of the NOC for already approved courses (B.Sc. (Hon's) Biotechnology, B.Sc. (Hon's) Microbiology, BBA, M.Sc. Biotechnology, M.Sc. Microbiology, M.Sc. Botany & M.Sc. Chemistry) and also for starting new courses of B.Sc. (Hon's) Biochemistry, BCA, M.Sc. Zoology, M.Sc. Biochemistry, M.Phil.- Biotechnology & M.Phil.- Botany from the Academic Session 2008-09 subject to approval by Himachal Pradesh University as per the requirements under the HP University Ordinance [XXXVIII-h(i)] and the recommendations of the Inspection Committee. Further, the nominee of Addl. Chief Secretary (Envn. & ST) to the Govt. of HP shall be part of the Inspection committee to be constituted by the University & a copy of the inspection report be sent to the undersigned.

Yours faithfully,

Spl. Secretary-cum-Director (Envn. & ST)
to the Government of Himachal Pradesh

Endst. No.: As above.

Dated: - Shimla-2, the ^{31st} October, 2007

Copy forwarded for information to:

1. The Principal Secretary (Education) to the Government of Himachal Pradesh, Shimla.
2. The Director Education, Himachal Pradesh, Shimla.
3. The Director, Technical Education, Himachal Pradesh, Sundernagar (HP).
4. The President, Shoolini Inst. of Life Sciences & Business Management (SILB), Anand Campus, The Mall, Solan-173 212 (HP)

^{31/10/07}
Spl. Secretary-cum-Director (Envn. & ST)
to the Government of Himachal Pradesh


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)



हिमाचल प्रदेश HIMACHAL PRADESH

00AA 951787

LEASE DEED.

This lease deed is made at Solan on this 24.1.2004 between Shri Satish Anand and Shri Ashok Anand sons of Shri Ram Parkash, resident of Hari Bhawan near ITI Solan, Tehsil and District Solan H.P. (hereinafter referred to as the lessors) and Foundation for Life Sciences and Business Management, Solan through its President Mrs. Saroj Khosla, (hereinafter referred to as the lessee) on the following terms and conditions:-

1. That the lessors are owners of a building situated on Jaunaji Road near Head Post office Solan Solan, Tehsil and District Solan H.P. having two Blocks i.e. A and B.
2. That the lessors have agreed to lease out and the lessee has agreed to take on lease the above said building i.e. A Block having an area of around 28650 sq. feet at the rate of Rs. 6/- per sq. feet and Block B having an area of around 15732 sq. feet at the rate of Rs. 7/- per sq. feet situated on Jaunaji Road Solan, Tehsil and District Solan H.P. i.e. at the total monthly lease amount of Rs. 2,82,024/- (Rupees two lacs eighty two thousand twenty four only) payable in advance on or before 7th of each calendar month with effect from 1.4.2004.
3. That the lease has commenced from 1.4.2004 and the same shall be monthly one as per English calendar month i.e. starting from first of each calendar month and ending on the last day of such month.
4. That the lessee shall use the premises Block A for running a educational institution and office purpose whereas

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Ashok Anand
A.A.

the premises Block B shall be used for hostel purpose. However, the lessee shall not be entitled to install any machinery in the said premises or run any other business in the said premises.

5. That the lessee shall neither sublet or part with the possession of the said premises or any portion thereof to any one nor shall make any addition, alteration or structural changes in the same without the written consent of the lessors.

6. That the electricity and water charges with respect to the leased premises/buildings shall be payable by the lessee directly to the concerned departments.

7. That the annual white washing and minor repairs shall be got done by the lessors at their own cost and expenses. Further the Municipal taxes shall also be payable by the lessors.

8. That the lessee shall keep the premises/buildings in a good condition and shall not cause any type of damage to the same. In case of any damage to the leased premises/buildings or any portion thereof or of the building due to negligent act of the lessee or its agents etc., the lessee shall be liable to compensate the lessors for such damages.

9. That it has been agreed between the parties that an enhancement in the lease money at the rate of 10% shall take place after the expiry of each period of 2 years.

10. That the lessee shall give at least one month notice to the lessors before vacating the premises/buildings or the lease money in lieu thereof. Similarly one months notice shall be issued/given by the lessors to the lessee before getting the premises vacated.

11. That the buildings have been leased out for a period of thirty years (30 years) with effect from 1.4.2004 and after the expiry of the said period, the lease shall be renewed with mutual consent of the parties.

12. In witness whereof the parties hereto have signed this lease deed at Solan on the day, month and year first above written in the presence of witnesses as token of its acceptance and correctness of its contents.

WITNESSES;

1. Hari Singh
resident of Hari Bhawan near
ITI Solan, District
Solan H.P.

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Ashok Anand
Lessors

Lessee

Himachal Pradesh University
Summer Hill, Shimla-5
(NAAC accredited "A" Grade University)
"Academic Branch"

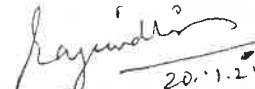
No.1-272/2002-HPU (Acad.)Vol-XI

Dated: Shimla-5, the 20 JAN 2024

"NOTIFICATION"

In terms of Statute 16 of the First Statutes of H.P. University read with Ordinances 38.9/38.10 and 38.16 of the First Ordinances of H.P. University and as per authorization given to him by the Executive Council vide item No. 38 of its meeting held on 14.2.1995, the Vice-Chancellor on the recommendations of the Inspection Committee is pleased to grant provisional affiliation to the following college, subject to the fulfillment of shortcomings **within the stipulated period of three months** as have been pointed out by the Inspection Committee in its reports as under :

Sr. No	Name of the College	Name of the Course with intake capacity	For the Academic Session	Date of Inspection
1.	Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan, H.P.-173212.	BBA=60 Seats M.Sc. (Chemistry)=40 Seats B.Sc. (Microbiology)=30 Seats M.Sc.(Microbiology)=40 Seats B.Sc. (Biotechnology)=30 Seats M.Sc.(Biotechnology)=40 Seats M.Sc. (Botany)=40 Seats	2020-21 2021-22 2022-23 2023-24	15.12.2023


20.1.24
Deputy Registrar (Acad.)
H.P. University, Shimla-5
Dated: 20 JAN 2024

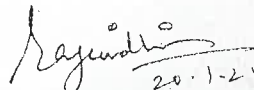
Endst. No. Even.

Copy forwarded for information and necessary action to:-

1. The Director, Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan, H.P. with the direction to submit the compliance report of shortcomings as pointed out by the Inspection Committee in its reports (copies enclosed) with authenticated documents within the period of **three months** as mentioned in the said reports from the issuance of this Notification.
2. The Secretary, University Grant Commission, Bahadur Shah Jafar Marg, New Delhi, 110002.
3. The Director of Hr. Education, H.P. Shimla-171001.
4. The Dean of Studies, HP University, Shimla-5
5. The Dean - cum- Director, College Development Council, HPU, Shimla-5.
6. The Finance Officer, HP University, Shimla-5.
7. The Controller of Examinations, HP. University, Shimla-5 for information and further necessary action.
8. The Jt controller (LAD), HP University, Shimla-5.
9. The DR/AR/SO (Exams-I & II/Secrecy/RME/Conduct/Eval/Re-Eval/Internal Audit), HP University, Shimla-5.
10. Secretary to VC / SPS to the Vice-Chancellor / PS to Pro-Vice-Chancellor / SPS to Registrar, HP University, Shimla-5.
11. Concerned file of the college/Guard file.

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)


20.1.24
Deputy Registrar (Acad.)

Himachal Pradesh University
Summer Hill, Shimla-5
(NAAC accredited "A" Grade University)
"Academic Branch"


No.1-272/2002-HPU (Acad.)Vol-XI

Dated: Shimla-5, the 10 OCT 2023

"NOTIFICATION"

In terms of Statute 16 of the First Statutes of H.P. University read with Ordinances 38.9/38.10 and 38.16 of the First Ordinances of H.P. University and as per authorization given to him by the Executive Council vide item No. 38 of its meeting held on 14.2.1995, the Vice-Chancellor on the recommendations of the Inspection Committee is pleased to grant provisional affiliation to the following college, subject to the fulfillment of shortcomings **within the stipulated period of three months** as have been pointed out by the Inspection Committee in its reports, as under :

Sr. No	Name of the College	Name of the Course with intake capacity	For the Academic Session	Date of Inspection
1	Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan, H.P.-173212.	BCA=60 Seats B.Sc. Medical=60 Seats B.Sc.Non Medical=60 Seats (New Courses)	2023-24	14/09/2023


✓ Deputy Registrar (Acad.)
H.P. University, Shimla-5
Dated: 10 OCT 2023

Endst. No. Even.

Copy forwarded for information and necessary action to:-

1. The Principal, Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan, H.P. with the direction to submit the compliance report of shortcomings as pointed out by the Inspection Committee in its reports (copies enclosed) with authenticated documents within the period of three months as mentioned in the said reports from the issuance of this Notification. You are directed to submit the Provisional Affiliation Fee for the Academic Session 2023-24 and Inspection Fee for the Academic Session 2024-25 for aforesaid courses (as per provision contained in HPU Ordinances Chapter 38.13/Regulation) alongwith 18% GST.
2. The Secretary, University Grant Commission, Bahadur Shah Jafar Marg, New Delhi, 110002.
3. The Director of Hr. Education, H.P. Shimla-171001.
4. The Dean of Studies, HP University, Shimla-5
5. The Dean - cum- Director, College Development Council, HPU, Shimla-5.
6. The Finance Officer, HP University, Shimla-5.
7. The Controller of Examinations, HP. University, Shimla-5 for information and further necessary action.
8. The Jt controller (LAD), HP University, Shimla-5.
9. The DR/AR/SO (Exams-I/Secrecy/RME/Conduct/Eval/Re-Eval/Internal Audit). HP University, Shimla-5.
10. Secretary to VC / SPS to the Vice-Chancellor / PS to Pro-Vice-Chancellor / SPS to Registrar, HP University, Shimla-5.

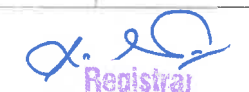

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Details of teaching staff, SiLB

Sr.No.	Name	Designation	Date of Birth	PAN No.	Aadhar No.	Contact No.	Salary	Nominee name	Relation
1	Dr.Shalini Sharma	Director	21-04-1975	BOPPS9996K	3303 6138 1811	941815-51616	60050	Mr. Hitender Sharma	Husband
2	Dr.Meenu Thakur	Associate Professor	19-08-1983	AIPPT5188H	2488 0006 6102	94188-59803	31540	Mr. Shiv Kumar Verma	Husband
3	Ms.Mamta Garla	Assistant Professor	28-11-1975	BHAPK6456N	4616 0765 0884	9418244823	24320	Mr. Varun Garla	Husband
4	Dr.Aprajita Bhardwaj	Assistant Professor	25-05-1983	BMMPA6802R	5790 8600 6655	99977-04741	27160	Mr. Shailesh	Husband
5	Ms. Vanshika Sharma	Teaching Assistant	29-11-1997	IDUPS0618P	3123 0994 1469	99106-26469	21600	Mr. Pankaj Parasher	Father
6	Dr.Divya Tandon	Assistant Professor	29-07-1986	AMJPT9640C	7689 7234 7251	89881-86080	27290	Mr. Vishal Vaidya	Husband
7	Dr Mamta Devi Sharma	Assistant Professor	12-02-1984	CHCPS0058M	2523 7196 0555	98571-56609	28060	Mr. Ankur Kashyap	Husband
8	Dr.Gaurav Sharma	Assistant Professor	18-09-1993	FPCPS3643B	3578 1650 1461	98168-86998	24260	Ms Shilpa	Wife
9	Dr.Monika	Assistant Professor	13-11-1986	DQFPM9155N	3327 5147 0705	70189-11431	24300	Mr. Ajay Singh	Husband
10	Dr.Mamta Singh Pathania	Associate Professor	29-08-1973	AWKPP7417N	3084 5067 8682	78330-33479	38690	Mr.Divender Singh Pathania	Husband
11	Dr.Kranti Thakur	Assistant Professor	22-04-1980	AWFPT1579C	5036 9104 9508	80917-76026	24320	Mr. Jagdeep Sharma	Husband
12	Dr.Arati Kumari	Assistant Professor	12-01-1991	HYWPK8471A	2105 9053 0139	85807-29163	24300	Mr. Adarsh Thakur	Brother
13	Dr.Bhanu Priya	Assistant Professor	11-9-1994	CSAPP5137M	5655 4543 8851	94598-90009	33800	Mr. Subhash Verma	Husband


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
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Solan (H.P.)

14	Dr.Kirti Sharma	Assistant Professor	20-10-1995	SDRPS0336F	7266 1643 4412	88943-82936	24960	Smt. Anita kumari	Mother
15	Dr.Bhawna Sharma	Assistant Professor	15-02-1994	FLWPS1554R	6767 3418 6300	82193=80464	24260	Mr. Satish Sharma	Husband
16	Dr.Daman Janjhua	Associate Professor	30-08-1980	AMKPD8950E	5622 9009 5921	82787-50345	45210	Ms.tavleen Kaur	Daughter
17	Dr.Shallu Sehgal	Associate Professor	07-11-1980	BPZPS1255L	8752 3205 0343	70180-26161	44540	Mr Nitin Sehgal	Husband
18	Ms.Shivani Dutt	Assistant Professor	23-01-1981	BRGPS7660A	5064 6309 2625	98828-05023	35660	Mr.Rishi Mohan Dutt	Son
19	Dr.Payal Gupta	Assistant Professor	30-07-1985	BIIPG8392L	5761 3926 1820	98822-20778	31600	Mr.Pradeep kumar	Husband
20	Mr.Pradeep Kumar	Assistant Professor	26-12-1984	CAPPK8053C	4755 4108 1565	98825-20365	35580	Ms. Payal Gupta	Wife
21	Ms.Sonia Dadwal	Assistant Professor	09-03-1987	BVVPK6928A	3203 9024 9390	82190-57756	29280	Mr. Abhinav Jasta	Husband
22	Ms.Priyanka Pathania	Assistant Professor	18-10-1990	BOYPP1882E	8894 1089 3062	98169-50006	21220	Mr. Shivam Mittal	Husband
23	Ms.Suman Lata	Assistant Professor	14-08-1996	BVVPL9623F	4943 4791 0596	86280-89942	21600	Ms Beena Devi	Mother
24	Dr.Bhawna Jyoti	Assistant Professor	04-04-1981	AOYPJ3516L	2453 9614 1746	78071-15735	23550	Mr.Rajeev Shukla	Husband
25	Mr.Sandeep Kumar Gautam	Teaching Assistant	14-11-1997	DKRPG4435D	8671 5650 3100	82787-46416	20000	Ms. Shyama Devi	Mother
26	Ms.Somesh Kashyap	Teaching Assistant	24-09-1983	DLOPK7347L	3300 8554 4655	98179-51708	21600	Ms Amayra	Daughter


 VICE CHANCELLOR
 SHOOLINI UNIVERSITY OF
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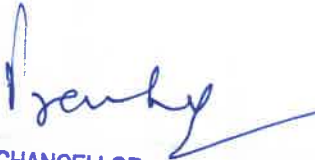
Details of Non-teaching staff, SILB


Sr. No	Name	Designation	Date of Birth	PAN No.	Aadhar No.	Contact No.	Salary	Nominee name	Relation
1.	Ms. Tanu Dwivedi	Office Asstt.	01-12-1980	AIJPT9243M	4768 6200 1940	98171-57000	15005	Mr. Vikas Dwivedi	Brother
2.	Mr. Satish	Office Asstt	25-04-1984	BCXPK5850L	6055 4144 6009	98570-57566	21500	Ms. Mamta	Wife
3.	Ms. Bindu Sharma	Receptionist /Offi. Ass.	14-11-1975	ELGPS4096M	5368 8004 5700	92186-20053	21500	Mr. Chirag Sharma	Son
4.	Ms. Suman Lata	Office Asstt	15-04-1967	ABTPL7559B	6267 7294 6739	98057-77419	14500	Mr. Sanjay Deep	Husband
5.	Ms. Priyanka	Computer Assistant	09-09-1991	ETRPP0870D	764316627975	7876716394	10000	Mr. Vineet Kumar	Husband
6.	Ms. Pratima Gupta	Librarian	20-07-1977	AYJPG9391B	6063 1136 7593	94180-72473	20510	Mr. Om Gupta	Husband
7.	Mr. Virender Singh	Library Attendant	06-06-1987	AMLPV9281H	2812 4758 4448	86798-99750	14830	Ms Pooja Kamari	Wife
8.	Ms Sita Chapaghai	Library Attendant	22-02-1989	CPQPC1842H	4485 5257 4476	85805-33741	10000	Mr. Dharmraj Chapaghai	Husband
9.	Mr. Ajay Kumar	Lab Attendant	05-05-1981	BLIPK6325G	5071 0581 9213	94180-20229	13875	Ms. Sunaina	Wife
10.	Mr. Sunil Singh	Lab Attendant	02-06-1990	FDCPB6086B	8099 0440 3192	98051-41715	12845	Ms. Rajni	Wife
11.	Mr. Roop Lal	Lab. Tech.	14-08-1978	AFEPL1824N	9009 3248 0700	98171-48276	16514	Ms. Jyoti	Wife
12.	Mr. Rakesh Kumar	Lab Attendant	13-07-1981	HUXPK0697G	4102 0293 1084	98057-75050	12815	Ms. Meena Kumari	Wife
13.	Mr. Rajender Kumar	Lab Attendant	20-11-1976	JENPK7139L	2132 1518 5746	98054-43274	12815	Ms. Rama Devi	Wife
14.	Mr. Shyam Lal	Lab Attendant	30-12-1982	BPFPL5624E	7278 5415 3632	98579-77878	12000	Ms. Anu	Wife
15.	Mr. Rakesh Bist	Security Guard	15-09-1964	DDRPB8918K	2380 4315 7185	98057-87695	16950	Ms. Neelam Devi	Wife
16.	Mr. Narender Dhiman	Security Guard	20-04-1973	BFJPO9771C	9172 5136 5616	98169-92999	16950	Ms. Sumitra Dhiman	Wife
17.	Ms. Surendra Devi	Peon	02-10-1980	FIMPK4312N	9046 4742 0346	86278-51085	12500	Mr. Bhagat Ram	Husband
18.	Mr. Rajesh Kumar	Peon- cum-Helper	09-05-1983	EKLDP3718M	3030 7512 1062	98161-61634	12500	Ms. Reena Devi	Wife
19.	Ms. Radha Devi	Peon	25-04-1980	ASQPH7764N	9689 4885 2687	88941-11206	11250	Mr. Yash	Son
20.	Mr. Hukam Singh	Hostel Attendant	27-05-1972	HEWPS4423E	7030-4110 8522	94187-50177	15920	Ms. Laxmi Devi	Wife
21.	Ms. Laxmi Devi	Hostel Attendant	06-01-1973	CRMPD0616C	4631 1307 2488	94187-50177	14375	Mr. Hukam Singh	Husband
22.	Mr. Rakesh	Sweeper	01-01-1973	CHXPK4328M	8367 6817 6290	86792-46198	13345	Ms. Babita	Wife
23.	Mr. Anil	Sweeper	1982		9333 3213 8575	97368-91900	13912	Ms. Reena Devi	Wife
24.	Ms. Mithlesh	Sweeper	10-07-1973	CKJPM5253Q	7576 6309 9386	98821-50661	13912	Mr. Gulshan	Husband
25.	Ms. Rekha Devi	Sweeper	01-02-1980	ARLPD6385R	6709 8003 3016	98162-95929	12000	Mr. Sanjay Kumar	Husband


VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)


Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

26.	Ms. Sonveeri	Sweeper	1971		7472 0895 2002	88949-60722	12000		
27.	Mr. Dalesh Kumar	Sweeper	28-01-1979	BOQPK7190N	6129 3708 2586	94188-28340	12000	Mitlesh	Wife
28.	Mr. Sanjay	Sweeper	04-04-1976	BCKPK0015N	5897 9749 6765	98180-43121	11250	Ms. Rekha Devi	Wife
29.	Ms Ratni Devi	Sweeper	16-2-1976	IUJPD0146P	3057 1553 3394	86289-46367	11250	Mr. Parkash Chand	Husband


 VICE CHANCELLOR
 SHOOLINI UNIVERSITY OF
 BIOTECHNOLOGY & MANAGEMENT
 SCIENCES SOLAN (H.P.)


 Registrar
 Shoolini University of Biotechnology
 & Management Sciences
 Solan (H.P.)

12.8 APR 2011

"NOTIFICATION"

The Institute namely "Shoolini Institute of Life Sciences & Business Management", Anand Campus, The Mall, Solan, District Solan, HP, which has now been established as an independent University by the State Government as "Shoolini University of Biotechnology and Management Studies" Solan (HP) w.e.f. 16.10.2009 and in pursuant to the decision of the Academic Council of Himachal Pradesh University taken vide resolution No.12 in its meeting held on 03.04.2011, the affiliation granted to the above institute by the H.P. University shall stands withdrawn from the Academic Session 2011-12. The students already admitted in all courses run by the above institute will complete their respective degrees from the H.P. University. Further, it is the responsibility of the concerned University to get the degree of the students completed, who have already been enrolled with the H.P. University. Further, the newly established University will admit the students at their own level from the Academic Session 2011-12.

Registrar

Dated: 12.8 APR 2011

Encl. No. Even.

1. The Principal Secretary to the Governor, Raj Bhawan, H.P. Shimla-2.
2. The Secretary (Hr. Education) to the Govt. of H.P., Shimla-2.
3. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi.
4. The Registrar, Shoolini University of Biotechnology & Management Sciences, Bhajol, Solan, HP.
5. The Regional Officer, All India Council for Technical Education, North Western Regional Office, # 1310, Sector 42-B, Chandigarh-160036.
6. The Director (TE), to the Govt. of H.P., Sunder Nagar, Distt. Mandi, HP.
7. The Dean of Studies/Faculty of Life Sciences/Faculty of Engineering & Technology/CDC, H.P. University, HP.
8. The SPS to Vice Chancellor/Registrar, HPU, Shimla-5.
9. The Controller of Examinations H.P. University, Shimla-5 for information and necessary action.
10. The Finance Officer/Jt. Controller (LAD)/IAO, H.P. University, Shimla-5.
11. The Deputy Registrar/Asstt. Registrar, Secy./Exam./Eval./Rev./Conduct/Entrance Cell/RME/Degree Cell/Enquiry HPU, Shimla-5.
12. The Statistical Officer, HPU, Shimla-5.
13. The Deputy Registrar (CAD), HPU, Shimla-5 to report the decision taken in the ensuing meeting of the Executive Council.
14. The Smt. (Regulation), Academic Branch, HPU, Shimla-5.
15. Guard File.

VICE CHANCELLOR
SHOOLINI UNIVERSITY OF
BIOTECHNOLOGY & MANAGEMENT
SCIENCES SOLAN (H.P.)

Registrar
Shoolini University of Biotechnology
& Management Sciences
Solan (H.P.)

Registrar