

**SHOOLINI
UNIVERSITY
SOLAN, HP**

ANNUAL REPORT



For Academic Year 2021-22

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CHAPTER – I

GOVERNANCE, LEADERSHIP AND MANAGEMENT

1.1 - Institutional Vision and Leadership

Governed by Board of Management, which approves and takes all policy decisions as per varsity's statutes, based on long-term value rather than short term gains. The Vice-Chancellor, as Principal Executive, along with Deans, steers the university in fulfilling its Vision, Mission, and Objectives, allocating responsibilities and setting up a review mechanism.

University follows and encourages participative management. All statutory bodies are constituted as per the statute and have representation from students and staff.

Vision: To be a top 200 global University by 2022

Mission: To make significant contribution to national development and establish world-class standards in education and research. It aims at Providing world-class education particularly to students from smaller towns and lesser privileged classes. Establishing a distinctive platform for research and innovation.

Preparing young graduates and postgraduates to excel in work and life. Through value-added education, enabling students to be happy individuals , good human beings. The efforts over years have paid dividends. NIRF rankings have placed the University at 73rd position among all Universities. In latest QS Asia rankings Shoolini is ranked at 251-260 position in Asia (in citations/paper it is ranked 1st in India and 9th in Asia. As per Scimago rankings, Shoolini ranked in the world for research.

1.2 University practices

Shoolini University prides itself on its democratic, consensus based, and inclusive decision-making processes. The composition of all decision-making bodies is according to Shoolini University's Acts and Statutes.

The Governing Body and Board of Management are prime administrative bodies headed by the Chancellor and Vice-Chancellor respectively and have the best professionals as members. Global Advisory Board is constituted, which includes academicians and industry professionals from around the globe who are leaders in their fields to guide the university. The Academic Council, chaired by Vice-Chancellor, is constituted of all Deans, Head of Schools, Professors, select Associate Professors and Assistant Professors, and academic experts from outside the university. Likewise, Joint Research Development Advisory Committee and Planning Board are represented by all Deans and Directors of university thus providing participative platforms for promoting teaching, research and extension. Library Advisory Committee, Admissions Committee, Sexual Harassment Prevention Committee, Student Grievance Redressal Committee, Anti-Ragging Committee, IQAC, etc., have various stakeholders as members.

The university ensures that all positions in various statutory bodies are filled in time.

All in all, it is the effective leadership, good governance, professional advice and motivated wholehearted participation of all the stakeholders which has strengthened the varsity's foothold in the education world as a professional institution.

1.3 Strategy Development

The popularity of university rankings reflects changes taking place in higher education globally. Rankings have become an important parameter for assessing a university's overall excellence and deployment of strategic plan and rankings validates through its carefully calibrated methodology whether the institute is moving in the right direction or not. These are not only useful for policy makers, but also furnish information on an institution's standing. Shoolini University has undertaken to strive for excellence in research, in its endeavor to be among top 200 universities globally by 2022.

Shoolini University has already earned an enviable reputation for research excellence with h index 111 and 790 SCOPUS publications. It earned 7th position in India (Research) and 890 Global ranks in SCIMAGO rankings. In QS WORLD UNIVERSITY RANKINGS 2023 – it was positioned at 251-260 rank in Asia and no. 1 in citations in the India (9th in Asia) Within a short span of 11 years, it has acquired top place in Indian NIRF rankings with 73rd position.

1.4 Functioning of the institutional bodies

Shoolini University follows practices based on legality, impartiality, consistency, effectiveness, efficiency, and transparency.

The University Governing Council, Board of Management, and other bodies help in strategic governance associated with a broad range of activities related to performance management and institutional development, accountability, and stewardship for university capital (financial, intellectual, human/ manpower, reputations, etc.), and the development of an efficient work culture.

The competency of teachers and their appointments are followed as per UGC regulations. These regulations include a transparent and fair process for staff recruitment and conditions of employment and provide promotion opportunities to staff besides strengthening the link between teaching, research, and extension activities.

Programmes are designed in line with the university strategy and have explicit learning outcomes. All major stakeholders are involved in this process along

with experts in the field. Regular feedback is taken from the students and suggestions are examined and implemented.

Prospectus/ Student's Handbook has all the rules and regulations covering all phases of the student "Life Cycle," i.e., admission, courses/Programmes, eligibility, progression, recognition, faculty, infrastructure of university, etc.

The Board of Studies and the Academic Council regularly monitor, review, and revise study Programmes as per mandates provided in the university regulations.

1.5 e-governance

Areas of e governance	Year of implementation	Name of the Vendor with contact details
Administration	2014	AADDOO Softech Pvt. Ltd., Mr. Sachin Sharma - 9816006440
Finance and Accounts	2009	Tally Solution Pvt. Ltd., Mr. Apoorv - 9418083555
Student Admission and Support	2015	NoPaperForms, Mr. Suraj Sapra: +91 9818990005, Almashines Technologies Pvt. Ltd., Mr. Aaron Joseph: +91 8511604412
Examination	2014	AADDOO Softech Pvt. Ltd., Mr. Sachin Sharma - 9816006440

1.6 Faculty Empowerment Strategies

A transparent appraisal system is done on a Fiscal Year basis for all employees & compensations are revised w.e.f. 1st April every year.

Separate Appraisals are designed for different categories of employees so that all relevant factors of performance are covered accordingly. Four Performance parameters for faculty:

- Teaching
- Research and Innovation
- Contribution to University
- Personal development/ leadership

For non-teaching Staff: based on parameters fixed for their work and duties:

- Diligence to current work
- Contribution beyond work
- Student/Employee Connect

An opportunity for all employees to present their previous year's achievements and contributions to the members of the Appraisal Committee.

Welfare schemes:

- Provision of medical leave and on-campus medical facilities.
- Exclusive facilities for women in women's centre, including a creche.
- Subsidized transportation.
- Incentives for higher qualifications/generating research grants.
- Encouragement with subsidies to attend conferences and seminars.
- Special facilities for differently-abled. Monthly Birthday Celebrations. Free Education for Children of Employees.
- Festival Celebrations round the year with occasional bonuses.
- Rewards Recognition (Pat on back Award).
- Golden Rudraksha Awards for employees and staff are given based on peer assessment.
- Provident Fund, ESI, Gratuity, maternity benefit to women, etc., as per different acts + working mother & paternity policy
- 2 weeks free yoga Certification – LLY

1.7 Teachers provided with financial support to attend conferences / workshops

Name of teacher	Name Of Conference/ Workshop Attended For Which Financial Support Provided	Amount of support (INR)
Dr. Gaurav Gupta	3rd IEEE 2022 International Conference on Computing, Communication, And Intelligent Systems, ICCIS 2022	
Mr. Shard	2022 International Conference on Information And Communication Technology For Development For Africa, ICT4DA 2022	
Prof. Pankaj Vaidya	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022	
Dr. Anurag Rana	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022	
Mr. Puneet Kapoor	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022	

Dr. Chander Mohan Gupta	IOP Conference Series: Earth and Environmental Science	29,99,336
Mr. Ravi Kant	2022 International Conference on Innovative Computing, Intelligent Communication And Smart Electrical Systems, ICSES 2022	
Mr. Ravi Kant	2022 International Conference On Innovative Computing, Intelligent Communication And Smart Electrical Systems, ICSES 2022	
Dr. Sonia	2022 2nd International Conference On Advance Computing And Innovative Technologies In Engineering, ICACITE 2022	
Dr. Sandeep Singh	2022 International Conference On Decision Aid Sciences And Applications, DASA 2022	
Prof. Pankaj Vaidya	2022 2nd International Conference On Artificial Intelligence And Signal Processing, AISP 2022	
Ms. Tytiana Momin	2022 Ieee Delhi Section Conference, Delcon 2022	
Mr. Shubham Verma	Two Days International E-Conference On Recent Developments And Innovations In Business Management And Hospitality	

1.8 Number of Programmes organized

Sr. No.	Dates (from-to) (DD-MM-YYYY)	Title of the program	No. of participants
1	23-05-2022 to 27-05-2022	Atma Nirbhar Bharat- Challenges and opportunities	19
2	4-04-2022 to 8-04-2022	Technology Pathways for decarbonization	16
3	09-05-2022 to 13-05-2022	Faculty Development Programme on Cryptography for Information Security Conducted by Computer Science and Engineering Department from 09/05/2022 to 13/05/2022 (One Week) at Yogananda School of Artificial Intelligence Computer and Data Sciences, Shoolini	50

		University, Solan Himachal Pradesh	
4	01-08-2022 to 05-08-2022	Faculty Development Programme on MATLAB and Simulink Basics for Hardware Interface Conducted by Electrical Engineering Department from 1/08/2022 to 05/08/2022 (One Week) at Yogananda School of Artificial Intelligence Computers and Data Science, Shoolini University, Solan, H.	30
5	19-09-2022 to 23-09-2022	Faculty Development Programme on Tools for Engineering Research Conducted by Electrical Engineering Department from 19/09/2022 to 23/09/2022 (One Week) at Yogananda School of Artificial Intelligence Computers and Data Science, Shoolini University, Solan, H.	30
6	21-07-2022 to 27-07-2022	INSIGHT AND HANDS-ON TRAINING PROGRAM ON TECHNIQUES IN BIOTECHNOLOGY DST STUTI	50
7	06-09-2022 to 06-09-2022	Innovative Make in India Medical Devices	40
8	25-07-2022 to 01-08-2022	Faculty Development Program/ Workshop on Outcome based Education	98
9	19-07-2022 to 19-07-2022	IPR Workshop in collaboration with HIMCOSTE	82
10	19-07-2021 to 23-07-2021	eFaculty Development Program/ Workshop on Redefining Teaching: Challenges and Future Readiness	151
11	04-06-2021 to 04-06-2021	Training on My shoolini portal (Submission of awards for Internal + End-term on MyShoolini) for all faculties throughout the university.	162
12	19-07-2021 to 19-07-2021	Training on understanding the Higher Education Teaching: The Past and Present by eUniv team	276

13	19-07-2021 to 19-07-2021	Session on Aiming for the Stars Secrets to Achieving Excellence in Online Teaching for all faculties throughout shoolini	167
14	20-07-2021 to 20-07-2021	Workshop on Student Centric Approach to Teaching Through Design Thinking by eUniv team	184

1.9 Teachers undergoing Faculty Development Programmes

Sr. No.	Name of teacher	Title Of The Program	Duration (from – to) (DD-MM-YYYY)
1	Dr. Somesh Sharma	Faculty Development Program On Redefining Teaching: Challenges And Future Readiness	19-07-2021 to 23-07-2021
		Lab Animals In Biomedical Research Organised By Department Of Animal Genetics And Breeding, College Of Veterinary And Animal Sciences , MAFSU, Parbani	21-09-2021 to 27-09-2021
		FDP On The Theme Inculcating Universal Human Values In Technical Education Organised By AICTE	21-02-2022 to 25-02-2022
		Faculty Development Program On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University Solan	25-07-2022 to 01-08-2022
		Advanced Innovation Ambassador (IA) Training Conducted By Moe,S Innovation Cell & AICTE	
		Advances In Food Sciences And Technology	12-02-2022 to 23-02-2022
2	Dr. Vandana	One-Week Faculty Development Program On Research Essentials , At Chandigarh University	31-01-2022 to 5-02-2022
		Faculty Development Program On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University Solan	25-07-2022 to 01-08-2022
		Faculty Development Program On Cryptography For Information Security, At NITTTR Chandigarh.	9-05-2022 to 13-05-2022

3	Dr. Rupak Nagraik	Faculty Development Program On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University Solan	25-07-2022 to 01-08-2022
4	Dr Pankaj Kumar Chauhan	Faculty Development Program On Redefining Teaching: Challenges And Future Readiness	19-07-2021 to 23-07-2021
5	Dr Dinesh Kumar	Faculty Development Program On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University Solan	25-07-2022 to 01-08-2022
		One Month Certified Guided Meditation Workshop On Inner Transformation Organised By YCT, Shoolini University, Solan HP	25-05-2021 to 27-6-2021
		Faculty Development Program On Redefining Teaching: Challenges And Future Readiness	19-07-2021 to 23-07-2021
6	Dr Juhi Saxena	Entrepreneurship Development Program On Food Processing	23-08-21 to 27-08-2021
7	Dr. Itika kainthla	Nano-Scale Characterization And Analysis By NITTTR, Chandigarh, MINISTRY OF EDUCATION, GOVERNMENT OF INDIA	10-03-2022 to 11-03-2022
		Outcome Based Education Conducted By Learning & Development Centre And IQAC, Shoolini University, Solan	25-07-2022 to 31-07-2022
		Intellectual Properties Rights (IPR) Awareness/Training Programme Conducted By Nipam, IPO, GOI	26-04-2022
8	Dr. Mamta Shandilya	Redefining Teaching: Challenges And Future Readiness	19-07-2021 to 23-07-2021
		Summer Faculty Research Fellow Programme-2022	15-06-2022 to 25-07-2022
9	Dr. Pawan Kumar	Nano Sensors And Devices	02-08-2021 to 06-08-2021
		PH278.Ax: The Health Effects of Climate Change	17-03-2022
		Origins - Formation of The Universe, Solar System, Earth and Life	07-05-2022
		From The Big Bang to Dark Energy	25-11-2021
		Nanotechnology And Nanosensors, Part1	01-05-2022
10		What Is Data Science?	20-03-2022

	Dr. Anirban Saha	Introduction To C++ Programming: Build A Calculator	14-02-2022
		Outcome Based Education Conducted By Learning & Development Centre And IQAC, Shoolini University, Solan	25-07-2022 to 01-08-2022
		Towards 6G Wireless Communication Networks: Vision, Enabling Technologies, And New Paradigm Shifts	02-03-2022
11	Amita Verma	Faculty Development Programme: Atma Nirbhar Bharat- Challenges and Opportunities	23-05-2022 to 27-05-2022
		Refresher Programme: 6G Wireless Communication System, Technologies, Challenges, And Applications	13-01-2022 to 19-01-2022
12	Arunava Podder	Faculty Development Programme: Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Advanced Modelling And Innovation In Water Resources Engineering And Management	28-02-2022 to 04-03-2022
		Short Term Course: Advanced Modelling And Innovation In Water Resources Engineering And Management	28-02-2022 to 04-03-2022
13	Ashwani Kumar	Faculty Development Programme: Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		6G Wireless Communication System, Technologies, Challenges, And Applications	13-01-2022 to 19-01-2022
		Refresher Programme: 6G Wireless Communication System, Technologies, Challenges, And Applications	13-01-2022 to 19-01-2022
14	Bhaskar Goel	Faculty Development Programme: Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Short Term Course: Digital Manufacturing	24-02-2022 to 28-02-2022

		Faculty Development Programme: Augmented Reality (AR)/ Virtual Reality	21-02-2022 to 25-02-2022
15	Diksha Chauhan	Faculty Development Programme: Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
16	Navsal Kumar	Faculty Development Programme: Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Faculty Development Programme: Water Resource Management	07-03-2022 to 11-03-2022
		Faculty Development Programme: Remote Sensing GPS And GIS In Civil Engineering	21-03-2022 to 25-03-2022
17	Nitin Thakur	Faculty Development Programme: Atma Nirbhar Bharat- Challenges and Opportunities	23-05-2022 to 27-05-2022
18	Raj Kumar Saini	Faculty Development Programme: Atma Nirbhar Bharat- Challenges and Opportunities	23-05-2022 to 27-05-2022
19	Dr. Renu Pal Sood	Refresher Course in Development, Sustainability Antienvironment	01-09-2021 to 14-09-2021
		Faculty Development Program On Outcome Based Education	25-07-22 to 01- 08-22
		Online Course On An Introduction To Climate Change And Human Rights	28-08-2021- 28-09-2021
		Changing Dimensions Of Crime And Criminal Justice In India	01-07-2021 to 08-07-2021
22	Ms. Palak Sharma	Changing Dimensions Of Crime And Criminal Justice In India	01-07-2021 to 08-07-2021
23	Dr Rachna Verma	Work Smarter Not Harder: Time Management For Personal And Professional Productivity	20-12-2022 to 3-01-2023
		Faculty Development Program Live Yoga	25-07-2022 to 1-08-2022
		Faculty Development Program Outcome Based Education	25-07-2022 to 1-08-2022
24	Dr Ruhi Thakur	Faculty Development Program Outcome Based Education	25-07-2022 to 1-08-2022
25	Dr Vijay Chauhan	Faculty Development Program Outcome Based Education	25-07-2022 to 1-08-2022
		Opportunities For Sustainable Technological Interventions In Agriculture And Skill Development Ecosystem	10-02-2022 to 16-02-2022

26	Dr Ritesh Banerjee	Faculty Development Program Outcome Based Education	25-07-2022 to 1-08-2022
		Faculty Development Program Climate Change & NEP2020	15-02-2022 to 20-02-2022
27	Dr Priyanka Kumari	Faculty Development Program Outcome Based Education	25-07-2022 to 1-08-2022
28	Dr. Subodh Saurabh Singh	Faculty Development Program Outcome-Based Education	25-07-2022 to 01-08-2022
29	Satish	Faculty Development Program Outcome Based Education	25-07-2022 to 01-08-2022
30	Ms. Divya Matlani	Faculty Development Program Outcome Based Education	25-07-2022 to 01-08-2022
31	Ms. Anupma Chandel	COURSERA- Introduction To Research For Essay	23-06-2022 to 23-07-2022
		COURSERA- How To Write And Publish A Scientific Paper (Project-Centered Course)	23-06-2022 to 23-07-2022
32	Dr. Devanshi Pandit	Redefining Teaching: Challenges And Future Readiness	19-07-2021 to 23-07-2021
		Faculty Development Program Outcome Based Education	25-07-2022 to 01-08-2022
33	Dr Ravinder Nath	On Farm And Mass Production Protocols Of Bioagents And Microbial Agents For Fall Army Worm Management	28-10-2021 to 30-10-2021
		Mushroom Cultivation, Vermicomposting, Hydroponics, Aquaponics, Saffron Cultivation, Fops And Agri-Incubation Schemes, Drone Tech And Artificial Intelligence, Apiculture, Sericulture	16-12-2021 to 30-12-2021
		Efficient Plant Health Management For Boosting Farmers Income	25-09-2021 to 29-09-2021
34	Dr. Sanchit Thakur	Faculty Development Program On Tsar Sericulture : A Livelihood For Tribal Population Of India organized By Faculty Of Agriculture, Sri Sri University, Cuttack, Odisha-754006	08-01-2022 to 13-01-2022
35	Dr. Bhagyashree Bhatt	Faculty Development Program Outcome Based Education	25-07-2022 to 1-8-2022
36	Dr. Deepak Kumar	Seven Days National Training On "Lab Animals In Bio-Medical Research" Organised By Department Of Animal Genetics And Breeding, College Of Veterinary And	21-09-2021 to 27-09-2021

	Animal Sciences, Maharashtra Animal And Fishery Sciences University (MAFSU), Parbhani, Nagpur.	
	FDP On "Improving Leadership And Effectiveness In Educators" Conducted By Brigadier Sanjay Agarwal, Sena Medal And Bar (Retd.)	18-11-2021 to 23-11-2021
	The International Scientific-Practical Conference On The Topic: Current State Of The Pharmaceutical Industry: Problems And Prospects Conducted By MINISTRY OF HEALTH REPUBLIC OF UZBEKISTAN TASHKENT PHARMACEUTICAL INSTITUTE	18-11- 2021 to 19-11-2021
	" Bioactive Compounds- Path To Drug Discovery" Organised By Dolphin Institute Of Biomedical And Natural Sciences, Dehradun	06-06-2022 to 11-07-2022
	Presented Poster Entitled As "Design And Synthesis Of Benzofuran Analogues For Biological Activities" On The Occasion Of "Shoolini Research And Innovation Day"	11-06-2022 to 16-06-2022
	Presented Poster Entitled As "Design And Synthesis Of Heterocyclic As Anticancer Agents" On The Occasion Of "Shoolini Research And Innovation Day"	11-06-2022 to 16-06-2022
	Faculty Development Program On "Improving Leadership And Effectiveness In Educators" Conducted By Brigadier Sanjay Agarwal, Sena Medal And Bar (Retd.)	18-11-2021 to 23-11-2021
	Edx Course: AI0101EN: AI For Everyone: Master The Basics	26-05-2022 to 26-05-2022
	"Awareness Program On Intellectual Property Rights" Jointly Conducted By FICCI & CIPAM At SHOOLINI UNIVERSITY, SOLAN	08-07-2022 to 08-07-2022
	Seven Days National Training On "Lab Animals In Bio-Medical Research" Organised By	21-09-2021 to 27-09-2021

		Department Of Animal Genetics And Breeding, College Of Veterinary And Animal Sciences, Maharashtra Animal And Fishery Sciences University (MAFSU), Parbhani, Nagpur.	
		Participated In Dissolution Discussion Group (DDG) India Forum 2022	16-02-2022 to 17-02-2022
		Coursera- Case Studies In Personalized Medicine	24-05-2022 to 24-05-2022
37	Dr. Navneet Upadhyay	D "HPLC: How To Increase Productivity And Reduce Downtime"	16-10-2021 to 20-10-2021
		FDP On "Improving Leadership And Effectiveness In Educators" Conducted By Brigadier Sanjay Agarwal, Sena Medal And Bar (Retd.)	18-11-2021 to 23-11-2021
		Attended Countdown Event Hosted By Tedx Shoolini University, An Independently Organised TED Event Focused On Climate Change And Sustainability	30-11-2021 to 04-12-2021
		FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-06-2022 to 1-07-2022
38	Dr. Swati Pundir	FDP On "Improving Leadership And Effectiveness In Educators" Conducted By Brigadier Sanjay Agarwal, Sena Medal And Bar (Retd.)	18-11-2021 to 23-11-2021
		Edx Course: The Opioid Crisis In America	31-08-2021 to 31-09-2021
		Edx Course: PH425x:Malariax: Defeating Malaria From Thegenes To The Globe	17-08-2021 to 17-09-2021
		1962usrx: Prescription Drug Regulation, Cost, And Access: Current Controversies In Context	19-08-2021 to 19-09-2021
		Coursera: Drug Development	26-04-2022 to 26-05-2022
		Coursera- Everyday Chinese Medicine	13-04-2022 to 13-05-2022
		FDP On "Outcome Based Education" Conducted By Learning	25-07-2022 to 1-08-2022

		And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	
		Coursera- Herbal Medicine	28-04-2022 to 29-05-2022
		"Women's Health Matters- Meri Khushiyon Ki Uddan" On The Occasion Of International Women's Health Day Held At Shoolini University, Solan	28-05-2022 to 03-05-2022
		Coursera-Introduction To Molecular Spectroscopy	17-03-2022 to 17-04-2022
		Coursera- Introduction To The Biology Of Cancer	28-04-2022 to 28-05-2022
		" Patents And Prior Art Search Organised By Intellectual Property Rights Cell, Shoolini University With IP India, GOI Sponsored By HIMCOSTE, Shimla, HP	26-04-2022 to 30-04-2022
		Coursera- SARS-Cov-2 Protein Modeling And Drug Docking	24-04-2022 to 24-05-2022
		Participated In "YOGA AND TRADITIONAL MEDICINE TRAINING CAMP" From Jointly Organized By Prem Sukh International Charitable Trust, New Delhi And Career Point University, Hamirpur (H.P), Supported By Ministry Of Ayush (Goi.), And Ekal Yoga Arogya Yojna.	21-05-2022 to 21-06-2022
		Participated In "Live Love Yoga" Programme Organised By Team Ismile In Collaboration With School Of Ancient Indian Wisdom And Yogic Studies, Shoolini University, Solan	18-07-2022 to 29-07-2022
39	Ms. Himanshu Gandhi	Participate In International Conference Cum Researcher's Summit-2021 On "Research And Development In Pharmaceutical Sciences Updates And Perspectives" Organised By IEC School Of Pharmacy	10-09-2021 to 11-09-2021
40	Dr. Arun Parashar	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC,	25-07-2022 to 01-08-2022

		Shoolini University, Solan, Himachal Pradesh	
		FDP On "Improving Leadership And Effectiveness In Educators" Conducted By Brigadier Sanjay Agarwal, Sena Medal And Bar (Retd.)	18-11-2021 to 23-11-2021
41	Dr. Rohit Goyal	Attended SPER 10th Annual International Conference And Exhibition (SPER-2021) On "Innovations In Healthcare: Integrating Academia And Industry" Organised By Society Of Pharmaceutical Education And Research (SPER) And Ganpat University, Faculty Of Pharmacy, Mehsana (Gujarat), India	8-10- 2021 to 09-10-2021
		Seven Days National Training On "Lab Animals In Bio-Medical Research" Organised By Department Of Animal Genetics And Breeding, College Of Veterinary And Animal Sciences, Maharashtra Animal And Fishery Sciences University (MAFSU), Parbhani, Nagpur.	21-09-2021 to 27-09-2021
42	Mr. Deepak Kumar	Attended "Impacts Of Sleep And Circadian Biology On Alzheimer's Disease And Aging (Virtual Event)"	25-10-2021 to 28-10-2021
		Participated In The Virtual Symposium Titled: "Role Of Epigenetics In Health: Challenges And Opportunities" Organized By Birla Institute Of Technology And Science, Pilani, Pilani Campus	25-02-2022 to 26-02-2022
43	Dr. Raveen Chauhan	Edx Course: PH278.Ax: The Health Effects Of Climate Change	18-08-2021 to 18-09-2021
		Edx Course: PH425x: Malariax: Defeating Malaria From Thegenes To The Globe	17-08-2021 to 17-09-2021
44	Mr. Sunil Kumar	Participated In IP Awareness/Training Program Under National Intellectual Property Awareness Mission Organised By Intellectual Property Office, India.	26-04-2022 to 30-04-2022
		Participated In the Cloud Based Hands On Workshop On "Cloud	24-01-2022 to 30-01-2022

	Based Hands On Workshop: Computational Structure Based Drug Design” Organized By ISF College Of Pharmacy (ISFCP), Moga In Collaboration With Schrödinger Inc.	
	Participated In Manav Scientific Reading And Comprehension Self-Assessment Module (Subject Category - Pharmacy)	15-09-2021 - 15-09-2021
	Elsevier Course: Certified Peer Reviewer Course	25-08-2021 to 25-09-2021
	Intellectual Property Rights (IPR) - Patent & Designs Process Organised By Internal Quality Assurance Cell Of Our College In Collaboration With Rajiv Gandhi National Institute Of Intellectual Property Management, Nagpur, Ministry Of Commerce & Industry Government Of India, IPR	11-10-2021 to 16-10-2021
	Attended Webinar, Open Science: A Multifaceted Framework To Improve Science And Health Outcomes At Indian Council Of Medical Research.	29-10-2021 to 29-10-2021
	Participated In The NABS And DST Purse II Sponsored International Webinar On "Recent Developments Of Beneficial Microorganisms In Food And Agriculture (RDBMFA-2021)" Organised By The Department Of Agricultural Microbiology, Faculty Of Agriculture, Annamalai University	14-09-2021 to 18-09-2021
	Two Day Webinar: Navigating The Pathways Of Research Publishing In Scopus-Indexed Journals- Day 1 At Research And Consultancy Cell, Vidya Prabodhini College (VPCCECM), Goa, India	24-09-2021 to 26-09-2021
	Two Day Webinar: Navigating The Pathways Of Research Publishing In Scopus-Indexed Journals- Day 2 At Research And Consultancy Cell, Vidya Prabodhini College (VPCCECM), Goa	25-09-2021 to 27-09-2021

	National Webinar On World Patient Safety Day	17-09-2021 to 20-09-2021
	National Webinar On "First Aid Awareness" Organised By Saint Francis De Sales College, Nagpur In Collaboration With National Disaster Response Force (NDRF) Academy, Nagpur	15-09-2021 to 18-09-2021
	Webinar On "Future Of Cyber Security" Organised By DIGISAKSHAM	11-09-2021 to 15-09-2021
	International Seminar Organised By ISF College Of Pharmacy, Moga In Collaboration With Jove, Cambridge, USA Entitled "Advancements In Pharmaceutical Education And Research: Current Insights Into Molecular Biology Techniques"	22-10-2021 to 25-10-2021
	PARTICIPATION In The NATIONAL SEMINAR On The Theme INTELLECTUAL PROPERTY RIGHTS: RECENT PARADIGMS Organized By Intellectual Property Rights Cell, IEC University, Baddi, Himachal Pradesh Sponsored By H.P. Council For Science, Technology & Environment (HIMCOSTE), Shimla (Govt. Of Himachal Pradesh)	30-03-2021 to 31-03-2021
	Participated In 2 Day International Conference On "Post-Covid Symptoms & Complications In Health" Sponsored By AICTE, Organized By LR Institute Of Pharmacy	28-04-2022 to 29-04-2022
	Coursera-Introduction To Molecular Spectroscopy	22-04-2022 to 22-05-2022
	Coursera-Understanding Financial Markets	27-08-2022 to 27-09-2022
	Coursera-Bacteria And Chronic Infections	31-08-2022 to 31-09-2022
	Coursera- Communication In The 21st Century Workplace	26-08-2022 to 26-09-2022
	Coursera- Create A Project Charter With Google Docs	16-10-2021 to 16-11-2021
	Coursera- Medical Technology And Evaluation	03-09-2021 to 03-10-2021

		Coursera- Introduction To Marketing	31-08-2021 to 31-09-2021
		Coursera- Successful Negotiation: Essential Strategies And Skills	29-08-2021 to 29-09-2021
		Coursera- Grammar And Punctuation	26-08-2021 to 26-09-2021
		Coursera- Introduction To The Biology Of Cancer	02-09-2021 to 02-10-2021
		Coursera- Teaching With Peer Review Using Eduflow	26-08-2021 to 26-09-2021
		Participated & Completed Successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP On "Computers And Automation In Life-Sciences Based Research" At Institute Of Chemical Technology.	30-08-2021 to 03-09-2021
		Participated & Completed Successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP On "5 Days Online Faculty Development Program On "Organizational Behaviour"	13-09-2021 to 17-09-2021
		Faculty Development Program On Advanced Concepts Of Outcomes Based Education	08-10-2021 to 13-10-2021
		Participated & Completed Successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP On "Analytical Method Development" At Bajiraoji Karanjekar College Of Pharmacy.	06-09-2021 to 10-09-2021
		ATAL Sponsored One Week FDP On "Analytical Method Development" Organised By Wainganga Bahu- Uddeshiya Vikas Sanstha's Bajiraoji Karanjekar College Of Pharmacy.	11-09-2021 to 15-09-2021
45	Dr. Lalit Sharma	Three 3 Days IBRO APRC Short Term Course On Depression, Anxiety, Mental Stress, And Its Remedies In Light Of Covid 19 Supported By International Brain Research Organization (From	14-12-2021 to 16-12- 2021
		7th World Conference On Research Integrity, Cape Town, Western Cape, South Africa	29-05-2022 to 1-06-2022

46	M.S. Thakur	Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Technology Pathways For Decarbonization	04-04-2022 to 08-04-2022
		Operational Research	07-03-2022 to 11-03-2022
		Machine Learning	21-02-2022 to 25-02-2022
		Remote Sensing GPS And GIS In Civil Engineering	14-02-2022 to 18-02-2022
		Limit State Dealing Of Steel Structure	07-02-2022 to 11-02-2022
		Open Tools In Research	24-01-2022 to 28-01-2022
		Innovation In Concrete And Green Material	17-01-2022 to 21-01-2022
		Recent Advances In Civil Engineering And Construction Techniques	14-01-2022 to 20-01-2022
		Energy And Innovation Building Construction Practices	23-08-2021 to 28-08-2021
		Smart Cities: Opportunities And Challenges	25-10-2021 to 30-10-2021
47	Nitisha Sharma	Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
		Additive Manufacturing And Its Applications	24-02-2022 to 28-02-2022
48	Raj Kumar	Digital Manufacturing	24-02-2022 to 28-02-2022
		Automotive Friction Material	13-12-2021 to 17-12-2021
		Advanced Research Methodology And Writing Of High Quality Research Paper	24-08-2021 to 28-08-2021
		Nanosensor And Devices	02-08-2021 to 06-08-2021
49	Robin Thakur	Digital Manufacturing	24-02-2022 to 28-02-2022
50	Veena Kashyap	Atma Nirbhar Bharat- Challenges And Opportunities	23-05-2022 to 27-05-2022
51	Kesari	International Online Research Seminar	21-01-2022 to 22-01-2022
		CII ARM Conference On Education- Reimagining Resilient Education System	23-03-2022 to 28-03-2022
52	Kamal Kant Vashisth	Iic Innovation Ambassador Training (Advanced Level)	30-06-2021 to 30-07-2021

		Faculty Development Program	19-07-2021 to 23-07-2021
		Faculty Development Program	25-07-2022 to 01-08-2022
53	Sandeep Singh	Value Added Course	21-06-2021 to 25-06-2021
		Faculty Development Program	12-07-2021 to 16-07-2021
		Faculty Development Program	19-07-2021 to 23-07-2021
		Faculty Development Program	04-09-2021 to 08-09-2021
54	Vinay Negi	Faculty Development Program	21-06-2021 to 25-06-2021
		Workshop On Insight Into Research	11-03-2021 to 12-03-2021
55	Tarun Gupta	Professional Development Programmes	02-05-2022 to 02-06-2022
		Professional Development Programmes	29-10-2021 to 29-11-2021
		Global Career Counseling Educ	16-08-2021 to 15-11-2021
		Professional Development Programmes	21-08-2021 to 21-09-2021
		Professional Development Programmes	01-12-2022 to 01-01-2022
		Professional Development Programmes	27-08-2021 to 28-08-2021
		Professional Development Programmes	16-06-2022 to 16-07-2022
56	Ms Palak Chauhan	Research Workshop	18-01-2021 to 22-01-2021
		Research Workshop	7-02-2022 to 11-02-2022
		Training Programme Future Skills And Innovative Practices	21-06-2021 to 25-06-2021
57	Dr. Narinder Verma	Professional Development Programme	19-07-2021 to 23-07-2021
58	Dr Ekta Singh	Workshop On Archaeological And Cultural Heritage Research Using Remote Sensing & GIS Technologies. National Institute Of Advanced Studies (IISC Campus) Bangluru	18-07-2022 to 22-07-2022
		Session Convener And Oral Presentation At World	03-07-2022 to 08-06-2022

		Archaeological Congress, Czech Republic	
		Oral Presentation At International Association Of Tibetan Studies, Czech Republic	03-07-2022 to 09-06-2022
		Online Course On Keep Students Engaged: Build Strong Student/Teacher Connections In A Remote Learning Environment. Microsoft Educator Center	06-02-2022 to 06-03-2022
		Assemble Learners And Staff With Microsoft Teams Meetings. Microsoft Educator Center	06-02-2022 to 06-03-2022
		Assign And Assess Learners With Assignments And Forms In Teams. Microsoft Educator Center	06-02-2022 to 06-03-2022
59	Dr Navreet Sahi	Oral Presentation At National Seminar On “Crime Against Women: The Devi Violated” Organized By Centre Of Excellence Govt. College, Sanjoli, Shimla	27-08-2021 to 28-08-2021
60		Oral Presentation At International Conference On “Towards Gender Equality: Overpowering Structural Barriers And Reclaiming Agency” Organized By The Centre For Gender Studies, Research And Development, Jagran Lake city University	28-10-2021 to 29-10-2021
61		Oral Presentation At 21st MELOW International Conference On “Illness, Healing And The Literary Imagination” Held In Shoolini University	12-11-2021 to 14-11-2021
62		Oral Presentation At The Second International Conference On “Memory And Past In South Asia” Organized By South Asia Research Centre, Soka University, Japan	26-11-2021 to 27-11-2021
63		Oral Presentation At The International Conference On “Voicing The Region: The Regional Turn In Cultural Studies” Organized By Newman College, Thodupuzha, Kerala	12-01-2022 to 14-01-2022
64		Oral Presentation At 4th International New York Academic	15-01-2022 to 16-01-2022

	Congress Organized By Virginia Polytechnic Institute And State University, New York, USA	
65	Oral Presentation At International Conference On "Mapping The Shifting Paradigms Of Post-Modern Society, Organized By All India Forum For English Students, Scholars And Trainers (AIFEST	11-02-2022 to 13-02-2022
66	Session Convener And Oral Presentation At 4th International Congress On Life, Social And Health Sciences In A Changing World", Organized By The American University, Girne-Cyprus, TEC, Costa Rica And BZT Academy, Maramara University, In Istanbul, Turkey	12-02-2022 to 13-02-2022
67	Session Convener And Oral Presentation At International 'Baskent' Congress On Physical, Social And Health Sciences, Organized By Universiteit Leiden, BZT Academy, Maramara Univeristy And Qatar University In Istanbul, Turkey	26-02-2022 to 27-02-2022
68	Oral Presentation At International "Conference On Race, Ethnicity And Migration In Postcolonial Literature", Organized By The Publication Committee Of Aligarh Muslim University, Centre Murshidabad	23-03-2022 to 23-03-2022
69	Oral Presentation At International Symposium On Women's Studies In Social Sciences" Held Online	24-03-2022 to 25-03-2022
70	Oral Presentation At International Conference On Climate Crisis And Future Implications Organized By VIT-AP School Of Social Sciences And Humanities, VIT-AP University, Andhra Pradesh	07-05-2022 to 08-05-2022
71	Oral Presentation At WORLD LANGUAGES AND LITERATURES RESEARCH SYMPOSIUM Hosted By School Of Foreign Languages, Pamuk kale University, Türkiye	01-06-2022 to 02-06-2022

72		Oral Presentation At 22nd MELOW International Conference One Hundred Years Of T.S. Eliot's The Waste Land In Goa	23-09-2022 to 25-09-2022
73	Siddharth Dadhwal	A Special Lecture On 'Conditions Necessary For The Successful Working Of The Democratic Society And Hindrance To The Democratic Practice In Contemporary India' In NL Dalmiya College Of Arts, Commerce And Science.	31-01-2022 to 01-02-2022
74	Ashish Khosla	Creative Writing: The Craft Of Plot	20-09-2021 to 25-10-2021
		Creative Writing: The Craft Of Character	27-09-2021 to 01-11-2021
		Intro To AR/VR/MR/XR: Technologies, Applications & Issues	13-12-2021 to 07-01-2022
75	Gururaj Kudur Jayaprakash	SARS-Cov-2 Protein Modeling And Drug Docking	16-08-2021 to 30-08-2021
76		How To Create Social Media Graphics Using Canva	06-09-2021 to 20-09-2021
77	Ravikant Thakur	Construction Cost Estimating And Cost Control	13-09-2021 to 25-10-2021
78	Reshma Sinha	Introduction To The Biology Of Cancer	13-12-2021 to 31-01-2022
		Understanding Cancer Metastasis	13-12-2021 to 10-01-2022
79	Ankita Verma	Leading Teams	16-05-2022 to 20-06-2022
		Ai & Law	30-05-2022 to 04-07-2022
		Women In Leadership: Inspiring Positive Change	20-06-2022 to 01-08-2022
		Feminism And Social Justice	27-06-2022 to 01-08-2022
		Organisational Behaviour: Know Your People	27-06-2022 to 15-08-2022
80	Anupriya Thakur	Introduction To International Nuclear Law	31-01-2022 to 21-03-2022
		Copyright Law In The Music Business	07-02-2022 to 14-03-2022
		International Nuclear Law: Advanced Concepts	14-02-2022 to 04-04-2022
		Criminology	28-02-2022 to 02-05-2022
81	Arvind Singh Bisht	Renewable Energy Technology Fundamentals	31-01-2022 to 14-03-2022

82		Renewable Energy Futures	07-02-2022 to 21-03-2022
83	Avinash	Vital Signs: Understanding What The Body Is Telling Us	14-02-2022 to 04-04-2022
84	Chander Mohan	Copyright Law In The Music Business	07-02-2022 to 14-03-2022
85	Chandresh Kumari	Introduction To The Biology Of Cancer	07-02-2022 to 28-03-2022
		DNA Decoded	28-02-2022 to 04-04-2022
86	Debajyoti Bose	Water Resources Management And Policy	16-05-2022 to 27-06-2022
		Industrial Biotechnology	23-05-2022 to 11-07-2022
		Chemicals And Health	30-05-2022 to 18-07-2022
87	Deblina Biswas	Machine Learning For All	14-02-2022 to 21-03-2022
88	Deepak Kapoor	Case Studies In Personalized Medicine	04-04-2022 to 23-05-2022
89	Nitika Thakur	COVID Vaccine Ambassador Training: How To Talk To Parents	17-01-2022 to 31-01-2022
		Mind Control: Managing Your Mental Health During Covid-19	31-01-2022 to 07-03-2022
90	Gun Anit Kaur	Basic Data Descriptors, Statistical Distributions, And Application To Business Decisions	11-04-2022 to 16-05-2022
91	Hemlata Kaurav	Case Studies In Personalized Medicine	07-03-2022 to 25-04-2022
92	Isha Negi	Children's Human Rights - An Interdisciplinary Introduction	31-01-2022 to 28-03-2022
		Copyright Law In The Music Business	07-02-2022 to 14-03-2022
		Criminology	28-02-2022 to 02-05-2022
93	Jyoti Mehta	Bacteria And Chronic Infections	28-02-2022 to 18-04-2022
		Industrial Biotechnology	28-02-2022 to 18-04-2022
94	Kamal Dev	Drug Discovery	28-03-2022 to 25-04-2022
		The Science Of Stem Cells	25-04-2022 to 06-06-2022
95	Kiran Lata	Introduction To Intellectual Property	14-02-2022 to 21-03-2022

		Bioinformatic Methods I	14-03-2022 to 16-05-2022
		Framework For Data Collection And Analysis	04-04-2022 to 09-05-2022
		Basic Data Descriptors, Statistical Distributions, And Application To Business Decisions	11-04-2022 to 16-05-2022
96	Lokender Kumar	Ai For Everyone	31-01-2022 to 07-03-2022
		Methods Of Molecular Biology	31-01-2022 to 14-03-2022
		Experimental Design Basics	14-02-2022 to 28-03-2022
		Bioinformatic Methods I	14-02-2022 to 18-04-2022
		Framework For Data Collection And Analysis	21-02-2022 to 28-03-2022
		The Data Scientist€™S Toolbox	21-02-2022 to 28-03-2022
		R Programming	25-04-2022 to 30-05-2022
		Processing Data With Python	16-05-2022 to 30-05-2022
97	Mahesh Sharma	Securing Linux Systems	25-04-2022 to 30-05-2022
98	Monika Thakur	Fundamental Privacy Acts And Laws	07-02-2022 to 07-03-2022
		Ai & Law	07-02-2022 to 14-03-2022
		Copyright Law In The Music Business	07-02-2022 to 14-03-2022
		Criminology	28-02-2022 to 02-05-2022
99	Namita Gandotra	Introduction To Psychology	24-01-2022 to 14-03-2022
		Matrix Algebra For Engineers	30-05-2022 to 04-07-2022
100	Neeraj Gandotra	Matrix Algebra For Engineers	21-02-2022 to 28-03-2022
101	Nishtha	Design And Interpretation Of Clinical Trials	21-03-2022 to 09-05-2022
		Basic Data Descriptors, Statistical Distributions, And Application To Business Decisions	28-03-2022 to 02-05-2022
102	Prachi Kapil	International Business And Culture	21-03-2022 to 02-05-2022

		International And Cross-Cultural Negotiation	11-07-2022 to 15-08-2022
103	Pratima Rana	Social Psychology	27-06-2022 to 22-08-2022
104	Radha	Science Of Exercise	09-05-2022 to 13-06-2022
		Healthy Practices: Nutrition, Physical Activity, And Community And Family Participation	09-05-2022 to 13-06-2022
		Understanding Obesity	23-05-2022 to 27-06-2022
		Business Analysis & Process Management	23-05-2022 to 06-06-2022
		Create Charts And Dashboards Using Microsoft Excel	13-06-2022 to 27-06-2022
105	Rahul Chandel	Introduction To Embedded Machine Learning	07-02-2022 to 07-03-2022
		Solar Energy Basics	07-03-2022 to 18-04-2022
		Solar Energy System Design	21-03-2022 to 02-05-2022
		Photovoltaic Systems	28-06-2022 to 08-08-2022
104	Samrat Sharma	Greek And Roman Mythology	14-02-2022 to 02-05-2022
		Feminism And Social Justice	30-05-2022 to 04-07-2022
105	Shweta	Nanotechnology: A Maker€™S Course	28-03-2022 to 30-05-2022
106	Sunil Kumar	Introduction To Molecular Spectroscopy	25-04-2022 to 30-05-2022
107	SUSHIL KUMAR	3D Model Creation With Autodesk Fusion 360	09-05-2022 to 13-06-2022
		Healthy Practices: Nutrition, Physical Activity, And Community And Family Participation	06-06-2022 to 11-07-2022
		How To Write And Publish A Scientific Paper (Project-Centered Course)	13-06-2022 to 18-07-2022
		Science Of Exercise	18-07-2022 to 22-08-2022
108	Shubham Verma	Five Days National Research Methodology Workshop	07-02-2022 to 11-02-2022
		Awareness Program On Intellectual Property Right	08-07-2022 to 12-07-2022

		Conference On E- Developments And Innovations In Business Management And Hospitality	25-11-2021 to 26-11-2021
109	Rohit Sharma	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
110	Shikha mahant	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
111	Indu Rihani	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
112	Tamana Bhardwaj	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
113	Poonam Pant	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
114	Manisha Joshi	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
115	Sachin	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
116	Supriya Shrivastava	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
117	Satish Kumar Gupta	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC,	25-07-2022 to 01-08-2022

		Shoolini University, Solan, Himachal Pradesh	
118	Nagendra Yadav	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
119	Sonia	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
120	Sakshi Sundaram	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022
121	Indu Negi	FDP On "Outcome Based Education" Conducted By Learning And Development Centre And IQAC, Shoolini University, Solan, Himachal Pradesh	25-07-2022 to 01-08-2022

1.10 Financial Management and Resource Mobilization

A three-pronged strategy was adapted to generate and manage adequate resources to build a quality institution.

1. Research Funding through Grants from agencies like DBT, GoI, DSIRO, etc., non-governmental bodies have also funded specific research and consultancy projects. The mission of the University is to make research funding and income through technology & patent transfer as the strongest revenue source over the years.
2. Student Fee and Related Services: Shoolini University hosts around 4000+ students, of which 2200+ reside on campus. A nominal fee as approved by the state authorities is charged.
3. Donations and grants from philanthropists and CSR funds: Over years, many philanthropists and corporate have contributed and helped more than 230 students. An amount of Rs. 3.5+ crores have been generated almost 15% of students have been given scholarships/free ships.

University prepares its goals and agenda annually. The budget is cleared through the varsity's Finance Committee, BoM and Governing Council. A mid-year review is undertaken to realign the budget. Post closure of each Financial Year, an external audit is conducted through a reputed auditing agency and the audit report is presented to the Management Committees. A separate Development and Infrastructure Budget is funded by the sponsoring body to strengthen the Campus.

Funds / Grants received from government bodies

Name of the government funding agencies	Purpose of the Grant	Funds/ Grants received (INR in lakhs)
Setting of Food Testing Laboratory Under Ministry of Food Processing Industry, New Delhi	Setting up of Food Testing Laboratory	13.67

Funds / Grants received from non-government bodies

Name of the non-government funding agencies/ individuals	Purpose of the Grant	Funds/ Grants received (INR in lakhs)
Mr. Vivek Atray, Ms. Gesu Kaushal, Mr. Bhola, Ms. Aditi Venkatraman, Mr. Naveen Goyal, Ms. Divya Jyoti, etc.	Covid Donation for the development of infrastructure	62,09,433

1.11 Financial audits

The University has a mechanism for both internal and external audits. The internal audit is conducted by both internal agencies and external agencies. The timelines for the audit are stringently adhered to and executed with due diligence. The statutory audit is done once in a year, whereas the internal audit is conducted quarterly or as per the decision of the management.

A statutory auditor is appointed, under the university's regulation.

Audit objections are settled through various procedures ensuring uniform compliance. We make sure that objections raised in the audit reports may not be repeated in the following years for the reason whatsoever it may be. All the objections are being taken care of and compliance made in the stipulated period and put up before the management along with an audit report to ensure the quality and reliability of the compliance prepared regarding the objection raised by the statutory auditors.

1.12 Improvements

1. QS I -Gauge E-Lead Certification for being best in online learning and academic digitization
2. Partnered with MOOCs platforms – Coursera & edX for access of all

courses

3. Young researchers' program started that encourages the young enthusiastic minds of school students and imparts them problem solving skill at an early age
4. Collaboration with Indian Direct Selling Association (IDSA) and launch of 'Centre of Excellence for Direct Selling in Academics' (CEDSA)
5. VE -V Empower Coaching program launched for students for developing higher cognitive functioning, improving academic success, managing stress, and improving overall, wellbeing and positive outlook
6. IBM Boot Camp was launched as a collaboration between Yogananda School for AI, Computer & Data Sciences, IBM & AADDOO aimed to ensure quality placement of the final year students
7. "Yogananda Career Academy & Centre for Defense Studies was launched with expert faculties for coaching of civil services exams, both preliminaries and mains, and for Defense Forces UPSC exams and SSB interviews
8. Conducted trainings and FDPs for online teaching and appropriate use of technology for the teachers
9. Shoolini University integrated real time proctoring, with random question assignments for its examinations.

CHAPTER-II

TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment

Sr. No.	Programme name	Number of seats	Number of Students admitted
1	B A (Hons) English	20	20
2	B Pharmacy	100	99
3	B Sc (Hons) Biotechnology/ Microbiology	70	68
4	B Sc (Hons) Food Technology	5	5
5	B Tech Bioinformatics	5	4
6	B Tech Biotechnology/ Food Technology	85	83
7	B Tech CSE/ B Tech Artificial Intelligence	65	64
8	B Tech EE	5	4
9	BA (Hons) Economics and Finance (4 years)	5	3
10	BA (Hons) Political Science (4 years)	5	5
11	BA (Hons) Psychology and Counselling (4 years)	20	19
12	BA (Pass Course)	10	10
13	BA Journalism and Mass Communication	35	35
14	BALLB	60	59
15	BBA Computer Science & Entrepreneurship (4 years)	15	15
16	BBA/ BBA Rural Mgt./ BBA Aviation & Mgt.	100	98
17	BCA	20	20
18	BCom (Hons)	50	50
19	BSc (Hons) Agriculture	60	56
20	BSc (Hons) Biotechnology Research (4 years)	35	35
21	BSc (Hons) Botany/ Zoology	10	9
22	BSc (Hons) Chemistry/ Physics	10	9
23	BSc (Hons) Physics Research (4 years)	5	4
24	BSc Hospitality and Hotel Administration	25	25

25	BSc Nutrition and Dietetics	15	15
26	BSc/ BA (Hons) Mathematics	5	4
27	BSc/ BA Yoga	10	8
28	BTech Artificial Intelligence Research	5	4
29	BTech Automobile Engineering	5	3
30	BTech Biotechnology Research (4 years)	10	10
31	BTech Civil/ Mechanical Engineering	10	8
32	LLB	20	18
33	LLM	15	15
34	M Pharma Chemistry	15	10
35	M Pharma Pharmaceutics	12	10
36	M Pharma Pharmacognosy	3	2
37	M Pharma Pharmacology	12	12
38	M Sc / MA Mathematics	10	9
39	M Sc Botany	10	10
40	M Sc Chemistry / Pharmaceutical Chemistry	35	33
41	M Sc Data Analysis	5	5
42	M Sc Environmental Sciences	5	5
43	M Sc Physics	10	10
44	M Sc Zoology	15	14
45	M Tech CSE	5	2
46	MA Journalism/ Economics/ Literature/ Political Science	15	14
47	MBA/ Int. Relations/ Digital	120	120
48	MCA	10	9
49	MSc Agriculture (Agricultural Extension Education)	10	9
50	MSc Agriculture (Agronomy)	25	23
51	MSc Agriculture (Plant Breeding & Genetics)	5	3
52	MSc Agriculture (Soil Science)	5	4
53	MSc Biotechnology	50	50
54	MSc Biotechnology Research	15	15
55	MSc Food Technology	20	19
56	MSc Food Technology Research	10	8
57	MSc Microbiology	30	30

58	MSc Nutrition and Dietetics	5	5
59	MSc Yoga	15	13
60	MTech Biotechnology	15	13
61	MTech Food Technology	15	15
62	PhD Biotechnology	6	6
63	PhD Botany	5	5
64	PhD Cancer Biology	2	2
65	PhD Chemistry	6	6
66	PhD Civil Engineering	1	1
67	PhD CSE	4	4
68	PhD Disaster Management	1	1
69	PhD Economics	5	5
70	PhD Energy	2	2
71	PhD English	7	7
72	PhD Environmental Sciences	3	3
73	PhD Food Technology	2	2
74	PhD Genetics	1	1
75	PhD Human Resource	4	4
76	PhD Journalism	1	1
77	PhD Legal Sciences	1	1
78	PhD Management Sciences	6	6
79	PhD Mathematics	4	4
80	PhD Mechanical Engineering	2	2
81	PhD Microbiology	7	7
82	PhD Pharmaceutical Sciences	2	2
83	PhD Physics	1	1
84	PhD Psychology	1	1
85	PhD Yoga	4	4
86	PhD Zoology	7	7

Admission Under Reserved Categories

SC	ST	OBC	Gen	Others
329	138	478	3102	

2.2 Catering to Student Diversity

Shoolini has implemented pivotal measures and special academic programs:

Advanced Learners

Flip Classroom is offered using Shoolini's eUniv LMS platform Coaching for competitive exams are offered Online Certification Courses from edX coupons and Coursera coupons for online courses for students & faculty. Live/other projects in the form of additional challenging assignments, participation in symposiums, presentations, research papers and patent writing are encouraged.

Medium Learners

Proficiency Test in English is conducted for all UG students prior to commencement of the program to assess their learning level.

Foundation/ Refresher Courses are offered in (i) Physics, Chemistry, and Math for Core Engineering students; (ii) Quantitative techniques Accounts for Management students; and

(iii) Biology for Pharma, Biotechnology & Food Technology students. Remedial Courses are offered for students who are weak in certain subjects Slow Learners Proficiency Test in English is conducted for all UG students prior to the commencement of the program to assess their learning level. Tutorial classes provide support to slow learners. Online Certification Courses are facilitated through several platforms for online learning. Students are encouraged to learn on NPTEL/ MOOC & NISM platforms.

2.3 Student - Teacher ratio

Number of Students	Number of Teachers
4047	298

2.4 Faculty Details

S No	Name	Designation	School Name	Qualification
1	Abhilash Pathania	Associate Professor	School of Core Engineering	Ph.D.
2	Abhishek Kumar Sharma	Assistant Professor	School of Pharmaceutical Sciences	M.Pharma
3	Aditi Sharma	Assistant Professor	School of Pharmaceutical Sciences	Ph.D.
4	Ajay Khanna	Dean / Principal / Director / Vice Chancellor	School of Business Management	MBA
5	Amar Raj Singh	Associate Professor	School of Core Engineering	Ph.D.
6	Amar Rao	Associate Professor	School of Business Management	Ph.D.

7	Amit Kumar	Professor	School of Advanced Chemical Sciences	Ph.D.
8	Amita Kumari	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
9	Anirban Saha	Assistant Professor	School of Physics & Materials Science	Ph.D.
10	Anita Chauhan	Associate Professor	School of Biological & Environmental Sciences	Ph.D.
11	Ankit Shukla	Assistant Professor	School of Business Management	MHM(Hotel MGMT)
12	Ankita Verma	Assistant Professor	School of Business Management	Ph.D.
13	Ankur Saxena	Assistant Professor	Chitrakoot School of Liberal Arts	Master of Arts in Performance Studies/ M.A Dramatic Arts
14	Anuj Kumar Poonia	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
15	Anupama Chandel	Assistant Professor	School of Ancient Indian Wisdom & Yogic Studies	M.A./M-Phil
16	Anupriya Thakur	Assistant Professor	School of Law	LLM
17	Anuradha Sourirajan	Professor	School of Biotechnology	Ph.D.
18	Anurag Kumar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
19	Arun Parashar	Assistant Professor	School of Pharmaceutical Sciences	Ph.D.
20	Arunava Poddar	Assistant Professor	School of Core Engineering	Ph.D.
21	Arvind Singh Bisht	Assistant Professor	School of Core Engineering	Ph.D.
22	Ashish Khosla	Professor	Yogananda School of AI, Computer and Data Sciences	MBA
23	Ashoo Khosla	Associate Professor	Yogananda School of AI, Computer and Data Sciences	MBA

24	Ashwani Sharma	Assistant Professor	School of Core Engineering	Ph.D.
25	Atul Khosla	Dean / Principal / Director / Vice Chancellor	School of Business Management	MBA
26	Avnee Gupta	Associate Professor	School of Business Management	MBA
27	Azhar Khan	Professor	School of Biotechnology	Ph.D.
28	Bharti Thakur	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
29	Bhaskar Goel	Professor	School of Core Engineering	Ph.D.
30	Bhupender Kumar	Assistant Professor	School of Core Engineering	M.Tech
31	Brijbhushan	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
32	Chander Mohan Gupta	Associate Professor	School of Law	Ph.D.
33	Chandresh Kumari	Assistant Professor	School of Biotechnology	Ph.D.
34	Chavan Praful Devrao	Assistant Professor	School of Bioengineering and Food Technology	M.Sc.
35	Chetna Kumari	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
36	Debajyoti Bose	Assistant Professor	School of Biotechnology	Ph.D.
37	Deepak Kapoor	Dean / Principal / Director / Vice Chancellor	School of Pharmaceutical Sciences	Ph.D.
38	Deepak Kumar	Professor	School of Pharmaceutical Sciences	Ph.D.
39	Devanshi Pandit	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
40	Devesh Kumar	Professor	School of Business Management	Ph.D.

41	Dhriti Verma	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
42	Diksha Sharma	Assistant Professor	School of Bioengineering and Food Technology	M.Tech
43	Dinesh Kumar	Professor	School of Bioengineering and Food Technology	Ph.D.
44	Dinesh Singh	Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
45	Dipika Rana	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
46	Ekta Bala	Assistant Professor	School of Advanced Chemical Sciences	M.Sc.
47	Gaurav Gupta	Associate Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
48	Gaurav Saxena	Assistant Professor	School of Biotechnology	Ph.D.
49	Gaurav Sharma	Professor	School of Advanced Chemical Sciences	Ph.D.
50	GK Sharma	Professor	MS Swaminathan School of Agriculture	Ph.D.
51	Gururaj Kudur Jayaprakash	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
52	Hemant Sharma	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	M.Tech
53	Hemlata Kaurav	Assistant Professor	School of Pharmaceutical Sciences	Ph.D.
54	Het Ram Kashyap	Assistant Professor	School of Business Management	MCA
55	Indu Negi	Assistant Professor	School of Journalism & New Media	Master in Mass Communication
56	Jagdeep Sambey	Assistant Professor	School of Business Management	Master in Journalism & Mass

				Communication (MJMC)
57	Jyoti Mehta	Assistant Professor	School of Biotechnology	Ph.D.
58	Kamal Dev	Professor	School of Biotechnology	Ph.D.
59	Kamalkant Vashisth	Associate Professor	School of Business Management	Ph.D.
60	Kesari Singh	Professor	School of Business Management	Ph.D.
61	Kuldeep Chand Rojhe	Professor	School of Business Management	Ph.D.
62	Kushal Kanwar	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	M.Tech
63	Lalit Sharma	Associate Professor	School of Pharmaceutical Sciences	Ph.D.
64	Lata Negi	Assistant Professor	Chitrakoot School of Liberal Arts	M.A
65	Mahesh Kumar	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	M.Tech
66	Mala Tripathi	Associate Professor	School of Ancient Indian Wisdom & Yogic Studies	Ph.D.
67	Mamta Shandilya	Assistant Professor	School of Physics & Materials Science	Ph.D.
68	Mamta Sharma	Associate Professor	School of Biological & Environmental Sciences	Ph.D.
69	Manju Jaidka	Professor	Chitrakoot School of Liberal Arts	Ph.D.
70	Mansoor Ali	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
71	Mohan Dutt Sharma	Professor		M.A
72	Mohindra Singh Thakur	Professor	School of Core Engineering	Ph.D.
73	Monika Prakash	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
74	Monika Thakur	Assistant Professor	School of Law	LLM

75	Mukesh Goswami	Professor	MS Swaminathan School of Agriculture	MBA
76	Nagendra Yadav	Assistant Professor	School of Business Management	Master in Hotel Management
77	Namita Gandotra	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
78	Nandan Sharma	Associate Dean	School of Law	Ph.D.
79	Narinder Gupta	Dean / Principal / Director / Vice Chancellor	School of Law	Ph.D.
80	Narinder Verma	Professor	School of Business Management	Ph.D.
81	Navneet Upadhyay	Associate Professor	School of Pharmaceutical Sciences	Ph.D.
82	Navreet Kaur Sahi	Associate Professor	Chitrakoot School of Liberal Arts	Ph.D.
83	Navsal Kumar	Assistant Professor	School of Core Engineering	Ph.D.
84	Neelam Dev Sharma	Assistant Professor		M.A
85	Neeraj Gandotra	Associate Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
86	Neeraj Pizar	Assistant Professor	Chitrakoot School of Liberal Arts	M.A. (English)
87	Nisha Kapoor	Associate Professor	School of Journalism & New Media	Ph.D.
88	Nishtha Shukla	Dean / Principal / Director / Vice Chancellor	School of Journalism & New Media	M.A. (English)
89	Nishtha Singh	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
90	Nitika Devi	Assistant Professor	School of Physics & Materials Science	Ph.D.
91	Nitika Thakur	Assistant Professor	School of Biotechnology	Ph.D.

92	Nitin Gupta	Associate Director - Training & Placement	School of Business Management	Ph.D.
93	Nitin Kumar Sharma	Assistant Professor	School of Core Engineering	Ph.D.
94	Nitisha Sharma	Assistant Professor	School of Core Engineering	M.Tech
95	Pankaj Kumar Chauhan	Professor	School of Bioengineering and Food Technology	Ph.D.
96	Pankaj Raizada	Professor	School of Advanced Chemical Sciences	Ph.D.
97	Pankaj Vaidya	Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
98	Pardeep Singh	Professor	School of Advanced Chemical Sciences	Ph.D.
99	Pawan Kumar	Assistant Professor	School of Physics & Materials Science	Ph.D.
100	Pawan Sharma	Assistant Professor	School of Business Management	MBA
101	Payal Khanna	Assistant Professor	Chitrakoot School of Liberal Arts	M.A. (English)
102	Pinky Satija	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
103	Pooja Devi	Assistant Professor	School of Business Management	MSc Maths
104	Pooja Dhiman	Assistant Professor	School of Physics & Materials Science	Ph.D.
105	Pooja Shandilya	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
106	Pooja Verma	Associate Professor	School of Business Management	Ph.D.
107	Poonam Nanda	Associate Professor	Chitrakoot School of Liberal Arts	M.A. (English)
108	Poonam Negi	Associate Professor	School of Pharmaceutical Sciences	Ph.D.
109	Prachi Agrawal	Assistant Professor	School of Core Engineering	Ph.D.
110	Prachi Kapil	Assistant Professor	School of Business Management	Ph.D.
111	Pradeep Kumar	Assistant Professor	School of Biotechnology	Ph.D.
112	Pratima Rana	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.

113	Pratip Mazumdar	Dean / Principal / Director / Vice Chancellor	School of Business Management	Master in Hotel Management
114	Praveen Kumar	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
115	Prerna Bhardwaj	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
116	Purnima Bali	Associate Professor	Chitrakoot School of Liberal Arts	Ph.D.
117	Rachna Verma	Associate Professor	School of Biological & Environmental Sciences	Ph.D.
118	Radha	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
119	Rahul Chandel	Assistant Professor	School of Core Engineering	MBA
120	Rahul Yadav	Scientist	School of Biotechnology	M.Tech
121	Raj Kumar	Associate Professor	School of Core Engineering	Ph.D.
122	Raj Kumar Saini	Associate Professor	School of Core Engineering	Ph.D.
123	Rajesh Williams	Assistant Professor	Chitrakoot School of Liberal Arts	M.A. (English)
124	Rajni Sharma	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	MCA
125	Rakesh Kumar Shukla	Associate Professor	School of Physics & Materials Science	Ph.D.
126	Ram Prakash Dwivedi	Professor	School of Core Engineering	Ph.D.
127	Rammani Adikari	Assistant Professor	School of Physics & Materials Science	Ph.D.
128	Ranjeet Singh	Assistant Professor	School of Business Management	MBA
129	Ranjna Thakur	Associate Professor	School of Journalism & New Media	Ph.D.
130	Ratika Kayastha	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.

131	Raveen Chauhan	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
132	Ravinder Nath	Associate Professor	MS Swaminathan School of Agriculture	Ph.D.
133	Renu Pal Sood	Associate Professor	School of Law	Ph.D.
134	Ritesh Banerjee	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
135	Robin Thakur	Associate Professor	School of Core Engineering	Ph.D.
136	Rohit Goyal	Professor	School of Pharmaceutical Sciences	Ph.D.
137	Rohit Jasrotia	Assistant Professor	School of Physics & Materials Science	Ph.D.
138	Rohit Khosla	Associate Professor	School of Business Management	MBA
139	Rohit Sharma	Assistant Professor	School of Biotechnology	Ph.D.
140	Rozy Dhanta	Assistant Professor/ Assistant Director	School of Business Management	Ph.D.
141	Ruhi Thakur	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
142	Rupak Nagraik	Associate Professor	School of Bioengineering and Food Technology	Ph.D.
143	S Chandel	Professor	School of Core Engineering	Ph.D.
144	Sachin Sharma	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	M.Tech
145	Sakshi Sundaram	Assistant Professor	Chitrakoot School of Liberal Arts	Ph.D.
146	Samriti	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
147	Sanchit Thakur	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
148	Sandeep Singh	Associate Professor	School of Business Management	Ph.D.
149	Sanjeev Singh	Dean / Principal / Director /	School of Business Management	MPM(HR)/UGC NET

		Vice Chancellor		
150	Santanu Mukherjee	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
151	Sashank Thapa	Assistant Professor	School of Design	Ph.D.
152	Satish Kumar Gupta	Professor	MS Swaminathan School of Agriculture	Ph.D.
153	Saurabh Kulshreshth a	Professor	School of Biotechnology	Ph.D.
154	Shard	Assistant Professor	School of Business Management	MS IT.
155	Shikha Sood	Assistant Professor	School of Business Management	M.A
156	Shikhar Sharma	Assistant Professor	School of Business Management	MBA
157	Shubham Verma	Assistant Professor	School of Business Management	MBA
158	Shubhika Sharma	Assistant Professor	School of Business Management	MBA
159	Shweta Sharma	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
160	Somesh Sharma	Professor	MS Swaminathan School of Agriculture	Ph.D.
161	Sonia	Associate Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
162	Sorabh Aggarwal	Assistant Professor	School of Core Engineering	M.Tech
163	Subodh Saurabh Singh	Associate Professor	School of Ancient Indian Wisdom & Yogic Studies	Ph.D.
164	Suman	Assistant Professor	School of Biological & Environmental Sciences	M.A
165	Sunil Kumar	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm a
166	Sunil Kumar	Assistant Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
167	Sunil Kumar Sharma	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
168	Sunil Mehta	Dean / Principal /		MBA

		Director / Vice Chancellor		
169	Sunil Puri	Professor	School of Biological & Environmental Sciences	Ph.D.
170	Supriya Srivastava	Assistant Professor	Chitrakoot School of Liberal Arts	Ph.D.
171	Sushil Kumar	Assistant Professor	School of Core Engineering	M.Tech
172	Swati Pundir	Associate Professor	School of Pharmaceutical Sciences	Ph.D.
173	Swati Soni	Assistant Professor	School of Law	LLM
174	Tej Nath Dhar	Professor	Chitrakoot School of Liberal Arts	Ph.D.
175	Tejinder Pal Singh Gill	Professor	School of Business Management	Master of Science in Defence Studies
176	Varsha Patil	Associate Professor	School of Business Management	MBA
177	Veena Kashyap	Assistant Professor	School of Core Engineering	M.Tech
178	Vijay Kumar	Assistant Professor	School of Business Management	MBA
179	Vikrant Chauhan	Assistant Professor	School of Business Management	M.P.Ed.
180	Vinay Negi	Assistant Professor	School of Business Management	Ph.D.
181	Vipin Pubby	Dean / Principal / Director / Vice Chancellor	School of Journalism & New Media	M.A. (English)
182	Virender Singh	Assistant Professor	Chitrakoot School of Liberal Arts	MA Child Care
183	Vishal Anand	Dean / Principal / Director / Vice Chancellor	School of Business Management	MBA
184	Y S Negi	Professor	MS Swaminathan School of Agriculture	Ph.D.

185	Amit Khanna	Associate Professor	School of Business Management	MBA
186	Anjali Kaushal	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
187	Anurag Rana	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
188	Apar Kaushik	Assistant Professor	Chitrakoot School of Liberal Arts	M.Sc.
189	Arun Kumar	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
190	Avinash Sharma	Assistant Professor	School of Bioengineering & Food Technology	Ph.D
191	Deblina Biswas	Assistant Professor	School of Bioengineering and Food Technology	Ph.D.
192	Deepak Kumar	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
193	Deepshikha Thakur	Assistant Professor	School of Ancient Indian Wisdom & Yogic Studies	M.A.Yoga
194	Diksha Chauhan	Assistant Professor	School of Core Engineering	Ph.D.
195	Hemant Kumar Sharma	Assistant Professor - cum -Trainer	Chitrakoot School of Liberal Arts	M.A. (English)
196	Himanshu Gandhi	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
197	Indu Rihani	Professor	Chitrakoot School of Liberal Arts	Ph.D.
198	Isha Jaswal	Assistant Professor - cum - Counselor	School of Biological & Environmental Sciences	Master in Psychology, / UGC NET
199	Isha Negi	Assistant Professor	School of Law	LLM
200	Itika Kainthla	Assistant Professor	School of Physics & Materials Science	Ph.D.
201	Jorge Rinklebe	Professor		Ph.D.

202	Kartikeya Choudhary	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
203	Kiran Lata	Assistant Professor	School of Bioengineering and Food Technology	Ph.D.
204	Kunwar Siddarth Dadhwal	Assistant Professor	Chitrakoot School of Liberal Arts	Ph.D.
205	Lokender Kumar	Assistant Professor	School of Biotechnology	Ph.D.
206	Mika Sillangpa	Professor		Ph.D.
207	MU Naushad	Professor		Ph.D.
208	Palak Sharma	Assistant Professor	School of Law	LLM
209	Pradeep Kumar Sharma	Associate Professor	School of Business Management	MBA
210	Prakash Chand	Assistant Professor	School of Journalism & New Media	Ph.D.
211	Priyanka Kumari	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
212	Puneet Kapoor	Senior Assistant Professor	Yogananda School of AI, Computer and Data Sciences	M. E.
213	Radheshyam Rai	Professor	School of Physics & Materials Science	Ph.D.
214	Rajendra Kumar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
215	Richika	Assistant Professor cum IPR Assistant	School of Law	LLM
216	Rohit Chobe	Assistant Professor	School of Ancient Indian Wisdom & Yogic Studies	Ph.D.
217	Samrat Sharma	Assistant Professor	Chitrakoot School of Liberal Arts	M.A.
218	Shikha Mahant	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
219	Swarup Roy	Assistant Professor	School of Bioengineering and Food Technology	Ph.D.

220	Tamana Bhardwaj	Assistant Professor	School of Pharmaceutical Sciences	M.Pharm
221	Tanbeer Kaur	Assistant Professor	School of Bioengineering and Food Technology	M.Sc.
222	Vandana	Assistant Professor	School of Bioengineering and Food Technology	Ph.D.
223	Vijay Chauhan	Assistant Professor	School of Biological & Environmental Sciences	Ph.D.
224	Vikram Singh	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
225	Vinay Kumar Rachappanavar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
226	Virender Rihani	Professor	School of Core Engineering	Ph.D.
227	Amit Ray	Distinguished Professor	School of Design	Ph.D.
228	Anshul Kumar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
229	Bhagyashree Bhatt	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
230	Ekta Singh	Assistant Professor	Chitrakoot School of Liberal Arts	Ph.D.
231	Ishani Vaidya	Assistant Professor	School of Law	LLM
232	Kishan Chandra Sharma	Professor	MS Swaminathan School of Agriculture	Ph.D.
233	Mukul Rani Parajuli	Assistant Professor	School of Law	LLM
234	Neela Madhav Patnaik	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
235	Neeraj Kumar	Associate Director	School of Journalism & New Media	M.A. (Political Science)
236	Neeraj Singh Parihar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
237	Paarth Sharma	Assistant Professor	School of Journalism & New Media	Master in Mass

				Communi- cation
238	Poonam Pant	Assistant Professor	School of Law	LLM
239	Prashant Malik	Assistant Professor	School of Core Engineering	Ph.D.
240	Prashanta Kumar Deb	Assistant Professor	School of Pharmaceutical Sciences	Ph.D.
241	Prem Prakash Sharma	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
242	Rahul Kumar	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
243	Ravikant	Associate Professor	Yogananda School of AI, Computer and Data Sciences	Ph.D.
244	Shivanshi	Veterinarian-cum - Assistant Professor	School of Pharmaceutical Sciences	MVSC
245	Simrandeep Kaur	Assistant Professor with JRF	School of Pharmaceutical Sciences	M.Pharm
246	Vihang Vivek Ghalsasi	Assistant Professor	School of Biotechnology	Ph.D.
247	Vikas Kumar	Assistant Professor	School of Biotechnology	Ph.D.
248	Vinay Chandel	Assistant Professor	MS Swaminathan School of Agriculture	Ph.D.
249	Vinay Chauhan	Assistant Professor	School of Advanced Chemical Sciences	Ph.D.
250	Vineet Kumar	Assistant Professor	School of Law	LLM
251	Anuj Thakur	Manager Career Development	Traning & Placement Cell	MBA
252	Anshul	Office Executive	Faculty of Management Sciences	M.A., Diploma 3 Years ECE
253	Arti Kushal Chanta	Assistant Librarian	Library	MA, M.Lib. Comput

				er Course
254	Bhawna Thakur	Senior Executive	Placement Cell	MBA
255	Chaitanya Moudgil	Data Analyst - Digital	Communication Department	MBA
256	Deepa Thakur	Technical Assistant	Chancellor Office	M.A English
257	Harsha Thakur	Assiatant Professor	Library	MBA
258	Himanshu Sharma	Senior Manager	IPR Cell	LLM
259	Jagriti Naughiya	Senior Executive	Placement Cell	MBA
260	Kapil Gupta	Senior Academic Analyst	Admission & Outreach Team	MBA
261	Kapil Sharma	Guest Faculty	School of Business Management	MBA
262	Kiran Kumari	Senior Executive	IQAC Cell	MBA
263	Kulwant Singh Nagial	Director Estate	Construction Department	M.Tech EE.MBA
264	Lata Thakur	Assistant Librarian	Library	M.Lib.,P GDCA, Diploma in Library Informati on Science
265	Meenakshi Sharma	Executive Assistant	Vice Chancellor's Office	M.A (English)
266	Nancy Chandel	Manager	Traning & Placement Cell	MBA
267	Neelam	Library Assistant	Library	M.Lib.
268	Neha Thakur	Library Assistant	Library	M.Lib.,P GDCA
269	Preeti Sharma	Assistant Professor	Yogananda School of AI and Data Sciences	M.Tech
270	Ramesh Sood	Assistant Registrar	Registrar Office	M.Phil

271	Ratika Kaundal	Senior Academic Counsellor	Admission & Outreach Team	MBA, PGDPM
272	Suraj Sharma	Associate Business Analyst	Placement Cell	MBA
273	Suresh Kumar	Assistant Director Landscaping and Innovation	Director Operations	M.Sc.(IT) MBA, Diploma Horticulture
274	Tytiana	Senior Executive Human Resources	Transfer to Life Sciences Pvt Ltd 01-March -2022	MBA
275	Varsha Sharma	Senior Academic Counsellor	Admission & Outreach Team	MBA
276	Aaliya Ali	Technical Assistant	School of Biotechnology	M.Sc. Microbiology
277	Aarchit Joshi	Teaching and Research Associate	Yogananda School of AI, Computer and Data Sciences	M.Tech.(CSE)
278	Abhinandan Kumar	Research Associate	School of Advanced Chemical Sciences	M.Tech.(CSE)
279	Abhishek Tomar	Research Associate	Yogananda School of AI, Computer and Data Sciences	M.Tech.(CSE)
280	Divya Mitlani	Research Associate	School of Ancient Indian Wisdom & Yogic Studies	M.Sc. Yoga
281	Harsh Kumar	Research Associate cum Assistant Professor	School of Biotechnology	M.Sc. Microbiology
282	Kanchan Bhardwaj	Research Associate	School of Biological & Environmental Sciences	Ph.D.
283	Kritika Rana	Research Associate	Yogananda School of AI, Computer and Data Sciences	M.Tech.(CSE)
284	Prakrati Garg	Research Associate	School of Biotechnology	M.Sc. Biotech

285	Ravinder Kumar Thakur	Teaching Assistant	Yogananda School of AI, Computer and Data Sciences	M. Sc. (Mathematics)
286	Riya Bhattacharya	Research Associate	School of Biotechnology	Ph.D.
287	Sachin Kumar	JRF	Yogananda School of AI, Computer and Data Sciences	M.Sc. (Mathematics)
288	Sahil Kashyap	Research Associate	Yogananda School of AI, Computer and Data Sciences	M.Sc. (Mathematics)
289	Satish	Research Associate	School of Ancient Indian Wisdom & Yogic Studies	MA (Yoga)
290	Shilpa Patial	Research Associate	School of Advanced Chemical Sciences	M.Sc.
291	Shweta Sharma	Research Associate	School of Advanced Chemical Sciences	M.Sc.
292	Subhash Sharma	Research Assistant	School of Biotechnology	M.Sc.
293	Suman Rawat	Research Associate	School of Ancient Indian Wisdom & Yogic Studies	M.Sc. Yoga
294	Suraj Verma	Teaching Associate	School of Business Management	PhD
295	Vasudha Hasija	Research Associate	School of Advanced Chemical Sciences	Ph.D.
296	Vatika Soni	Teaching Assistant-Research Associate	School of Advanced Chemical Sciences	M.Sc., Chemistry
297	Vinit Sharma	Research Associate	School of Advanced Chemical Sciences	Ph.D.
298	Shrawan Kumar	Scholar - ramujan Scholarship	Yogananda School of AI, Computer and Data Sciences	M.Tech.(CSE)

2.5 Teaching- Learning Process

The University has widely adopted a pedagogy which is essentially aligned with Bloom's Taxonomy. The faculty was trained to teach and take lectures mostly on Application (Experiential), Analysis (Participative) and Creation (Problem-solving) levels of taxonomy levels.

- Application of Flipped Classroom Model, wherein the content is made available to the class beforehand through our LMS eUniv and textbooks. Face-to-face time in the lecture to be utilized for a more insightful discussion and problem-solving.
- The concept of Blended learning is fully functional in the university. Case-studies present the students with a unique combination of experiential learning focused towards developing their problem-solving abilities.
- Apart from the laboratory and tutorial time slots, there are regular Industrial & Field visits that let the students learn from live environment. Faculty and student exchange programs are run towards providing much needed national/ international exposure to worthy candidates.
- Participation in curricular, co-curricular and extracurricular activities at inter and intra-University competitions (symposia, declamation contests, participation in clubs, tech fests, sports, cultural events, etc.) also helps the cause. Involvement in social activities, such as plantation, cleanliness, blood donation, awareness camps, school adoption program, etc. instills much needed social responsibility in the minds of future nation builders.

Shoolini University is frontrunner in the field of using ICT enabled tools and online resources for improving the quality of education and effective teaching.

eUniv is the university's integrated online teaching platform launched by former President of India, Dr. APJ Abdul Kalam in the year 2013. Since then, the University has made rapid strides, blending the latest ICT tools into our academic culture.

Own content: eUniv has its base of 600+ online courses content as presentations, PDFs, Open-Educational-Resources, video- lectures, webinar-recordings, etc.

- OER resources: Faculty use a comprehensive list of OER resources.
- MOOCs: The University uses various online
- MOOCs to facilitate teaching-such as Swayam, Coursera, EDX, and First Univ
- Virtual labs: The University uses virtual labs for lab classes
- Secure and steady assessment structure: Faculty can take online-assignments, quizzes, etc. Shoolini University is one of the first Universities in India to integrate real-time proctoring, with random question assignments for examinations.

- 1 myShoolini App: An all-purpose mobile-app “myShoolini” was introduced in the year 2017, which consists of GPS-based attendance system, student-grievance-redressal, LMS, Shoolini_radio etc.
- 2 Online databases: The university provides access to several online databases including EBSCO, SciVal, DELNET, etc.
- 3 Language lab: There is language lab for learn three languages German, Spanish, and Mandarin.
- 4 Ultra-high-speed internet: All academic blocks & hostels are 24*7 Wi-Fi-internet connected through Optic-Fiber Broadband and protected with sonic firewall.
- 5 Video conferencing: This facility and Live streaming of webinars is available at several access points across the university.

2.6 Teachers who received awards, recognition, fellowships

Sr. No.	Name of teachers	Designation	Name of the award, fellowship	Name of the Awarding Agency
1	Dr. Sunil Kumar Sharma	Assistant Professor	International e-Conference on Polymeric Biomaterials and Bioengineering	APA BIOFORUM
2	Dr. Sunil kumar Sharma	Assistant Professor	Appreciation Award for Research Contribution	Shoolini University, Solan
3	Dr. Sunil kumar Sharma	Assistant Professor	Certificate of Appreciation for attending AIU North Zone Vice Chancellor Meet	Shoolini University, Solan
4	Dr. Pooja Shandilya	Assistant Professor	Certificate of Appreciation for attending International e-conference on Biopolymers	APA BIOFORUM
5	Dr. Pinky Satija	Assistant Professor	Certificate of Participation for	Panjab University,

			Training Program on X-ray Chromatography based Techniques	Chandigarh
6	Dr. Sunil Sharma	Assistant Professor	Certificate of Participation for Professional Training Program on Computational Chemistry	AIIMS Delhi
7	Dr. Sunil Sharma	Assistant Professor	International e-Conference on Nanomaterials and Nanoengineering	APA BIOFORUM
8	Dr. Rohit Goyal	Professor	Project on "Development and evaluation of novel formulation of active fraction from traditionally acclaimed Himalayan Plants for Asthma".	DST-SERB CRG
9	Dr. Rohit Goyal	Professor	Project on "Formulating anti acne hydrogel and its evaluation WSR to some indigenous drugs"	Uttarakhand Ayurved University, Haridwar
10	Dr. Deepak Kapoor and Dr. Rohit Goyal	Professor	Project on "Development and evaluation of Panchavalkal Kashaya thermosensitive vaginal gel"	Uttarakhand Ayurved University, Haridwar
11	Dr. Deepak Kapoor and Dr. Rohit Goyal	Professor	Project on "Formulating Glycyrrhiza glabra infused aloe vera hydrogel and its permeation & evaluation"	Uttarakhand Ayurved University, Haridwar
12	Dr. Rohit Goyal	Professor	Project on "Pharmaceutical-analytical and	Uttarakhand Ayurved

			immunomodulatory study of punanavadi ghrita"	University, Haridwar
13	Dr. Saurabh Kulshretha	Professor	APA Bio forum 2021	Asian Polymer Association

2.7 Evaluation Process and Reforms

Setting its standards high and aiming for a world-class system of evaluation and assessment, Shoolini University has considerably revamped its examination system, aligning it with the best practices in the world. The office of the Controller of Examination (COE) with its exclusive staff to moderate and regulate assessments and evaluation across all disciplines/ courses, works round the clock to ensure that the system works without glitches. The assessment and evaluation in each program have two major components: midterm examination and end-term examination.

Book My Exam is a distinctive feature which allows students to schedule and take exams at their own convenience as well as progress through levels of testing difficulty. Since its implementation, Persona learns has been used by over 5,000 students at Shoolini, resulting in an 18% reduction in the number of students who had to repeat a course and a 23% reduction in dropouts. The system is being extended to other Universities and colleges in the region

100% automation of entire division & implementation of Examination Management System (EMS)

2.8 Student Performance and Learning Outcomes

University incorporates in curricula all Programme Outcomes (PO), Programme Specific Outcomes and Course Outcomes (CO) and display on own e-Learning portal called eUniv to provide access to all stakeholders. Course booklets with syllabi, learning outcomes, lecture schedules, references, and evaluation criteria, etc., too are posted on eUniv. The CO-PO attainment levels help in streamlining the outcomes.

University incorporates in curricula all Programme Outcomes (PO), Programme Specific Outcomes and Course Outcomes (CO) and display on own e-Learning portal called eUniv to provide access to all stakeholders. Course booklets with syllabi, learning outcomes, lecture schedules, references, and evaluation criteria, etc., too are posted on eUniv. The CO-PO attainment levels help in streamlining the outcomes.

Bloom's Taxonomy is used in defining the outcomes:

- Measurable and stated Learning outcomes describing knowledge, skills, and abilities are attained through a best-fit of resources and effective course delivery containing online ppt, case study, group discussions, breakout rooms, discussion forums, videos, live industry examples etc.
- Term exams, surprise tests, quizzes, assignments, practical, seminars, presentations, viva-voice, etc. specify the performance criteria to determine the extent to which the learning outcomes are achieved.
- Outcomes are also assessed by using the direct and indirect Feedback Mechanism.

The learning outcomes show impressive pass percentage, excellent employment, and selection in UPSC, HAS, NET, SLET, GATE, GRE, GPAT and Ph. D. and Post Docs from premier institutions.

Multidisciplinary approach of designing, implementing, and assessing Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) leads to critical and collective understanding of scientific, technological, societal and environmental issues in a global context. The indirect attainment of COs and POs is computed with the help of:

- Feedback Mechanism is taken from various stakeholders such as regular and visiting teachers.
- Students' feedback is obtained through eUniv.
- Feedback from alumni, employer, employees, and parents is also obtained.

Internal and end term examinations, with different weights are employed as direct method. The internal component comprises continuous evaluation whereas the end term examination is a time-bound written test. These criteria are pre-specified in the course booklets.

Deans constitute a committee to develop standards to determine whether students have achieved the desired goals. Data collected using direct and indirect measures is analyzed to document and improve students' learning for their respective programmes. The results of outcomes drive further revision and redesigning of programme Learning outcomes are reflected through improved pass percentage and fewer dropouts. Many students get selected in competitive exams like UPSC, HAS, NET, SLET, GATE, GRE, GPAT etc. A few students get scholarships for Ph. D. and Post Docs from premier institutions.

2.9 Number of students passed during the year

Sr.no.	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination

1	B Sc (Hons.) Agriculture	57	55
2	B Sc Hospitality and Hotel Administration	28	26
3	B. Pharmacy	90	90
4	B.Com (Hons)	44	43
5	B.Sc Yoga	21	18
6	B.Sc. (Hons) Biotechnology	39	38
7	B.Sc. (Hons) Botany	6	6
8	B.Sc. (Hons) Chemistry	8	8
9	B.Sc. (Hons) Mathematics	12	12
10	B.Sc. (Hons) Microbiology	18	17
11	B.Sc. (Hons) Physics	12	10
12	B.Sc. (Hons) Zoology	13	12
13	B.Sc. Food Technology	14	11
14	B. Tech CSE	52	51
15	B.Tech ECE (LEET)	1	1
16	B.Tech EE	5	5
17	B.Tech IT	3	1
18	B.Tech. Biotechnology	54	53
19	B.Tech. Civil	35	34
20	B.Tech. Food Technology	43	42
21	B.Tech. Mechanical	21	19
22	BA English	14	9
23	BA Journalism and Mass Communication	28	24
24	BALLB	3	2
25	BBA	56	36
26	LLB	2	2
27	LLM	17	12
28	M A Yoga	3	3
29	M Pharmacy Pharmaceutical Chemistry	12	12
30	M Pharmacy Pharmaceutics	12	12
31	M Pharmacy Pharmacognosy	3	3
32	M Pharmacy Pharmacology	9	9
33	M Sc Yoga	7	6
34	M.A English	1	1
35	M.B.A Executive	3	3
36	M.Sc. Agriculture Extension Education	2	2
37	M.Sc. Food Technology	47	47

38	M.Sc. Nutrition & Dietetics	10	9
39	M.Sc. Agriculture Agronomy	12	11
40	M.Sc. Biotechnology	42	42
41	M.Sc. Botany	11	11
42	M.Sc. Chemistry	25	25
43	M.Sc. Data Analysis	5	5
44	M.Sc. Environmental Sciences	4	4
45	M.Sc. Mathematics	8	7
46	M.Sc. Microbiology	21	20
47	M.Sc. Physics	17	15
48	M.Sc. Plant Breeding and Genetics	3	3
49	M.Sc. Soil Science	1	1
50	M.Sc. Zoology	17	17
51	M. Tech Civil	5	5
52	M. Tech CSE	1	1
53	M. Tech Energy	2	2
54	M. Tech Food Technology	13	13
55	MTech. Biotechnology	13	12
56	MA Economics	3	3
57	MBA	118	101
58	Post Graduate Diploma in Direct Selling	24	20
59	Ph.D. Biotechnology	5	5
60	Ph.D. Botany	13	13
61	Ph.D. Chemistry	17	17
62	Ph.D. Civil Engineering	2	2
63	Ph.D. Computer Sciences and Engineering	2	2
64	Ph.D. Environmental Sciences	1	1
65	Ph.D. Management Sciences	2	2
66	Ph.D. Mathematics	2	2
67	Ph.D. Mechanical Engineering	1	1
68	Ph.D. Microbiology	5	5
69	Ph.D. Physics	4	4
		1204	1116

CHAPTER- III RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

Shoolini University is located in the lap of a benign Himalayan ecosystem, the research agenda is focused on the economic and sustainable development of the Himalayan region. Shoolini University is committed to provide quality research infrastructure facilities at all times to the faculty members and research students. Till date best in class infrastructure facilities have been created in all disciplines and the same are being regularly upgraded. To keep up with the global research pace, Shoolini University has created several Research Centers and state of the art research infrastructure facilities are available with the centers Based on the upgradation requirements of various research centers and departments infrastructure grants have been provided every year. In addition to the infrastructure grants Shoolini University also provides start-up grants to the faculty members to initiate their own research. Shoolini University has been investing substantially to its Yogananda knowledge Center by subscribing to various research and support databases like EBSCO and DELNET to access research publications, SciVal for research data analysis. IBM-SPSS for statistical data analysis, URKUND for plagiarism to name a few.

3.2 Institution seed money to its teachers

Sr.no.	Name of the teacher	The amount of seed money
1	Pankaj Raizada	₹ 3,41,263
2	Pardeep Singh	₹ 2,98,605
3	Pooja Dhiman	₹ 2,34,619
4	Rachna Verma	₹ 1,91,961
5	Sourabh Kulshreshtha	₹ 2,43,820
6	Lokender Kumar	₹ 2,00,000
7	Rohit Sharma	₹ 7,87,992
8	Somesh Sharma	₹ 2,21,810
9	Rupak Nagraik	₹ 2,80,000
10	Dinesh Kumar	₹ 11,60,280
11	Poonam Negi	₹ 1,49,190
12	Raj Kumar	₹ 1,56,609

3.3 Teachers receiving national/ international fellowship/financial support

Sr.no.	Name of the teacher	Name of the award/fellowship	Awarding Agency
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1	Lalit Sharma	International Travel Grant	World Conference on Research Integrity Secretariat
2	Nitika Devi	Post-Doc Fellowship	National Chung Cheng University
3	Prachi Agrawal	Post-Doc Fellowship	Ministerio de Trabajo y EcoNomía Social
4	Santanu Mukherjee	International Travel Grant	ISES Early Career Scientists travel grant
5	Santanu Mukherjee	International Travel Grant	Early Career Travel Grant for Goldschmidt Conference® -2022
6	Santanu Mukherjee	DST-SERB-TARE fellowship	Science and Engineering Research Board
7	Gun Anit Kaur	Fellowship for advance study	Institute of Advanced Materials, Sweden
8	Pradeep Kumar Sharma	Post-Doc Fellowship	Ajou University
9	Rohit Sharma	Inspire Faculty Fellowship	Department of Science and TechNology
10	Rohit Sharma	SERB Research Scientist fellowship	Science and Engineering Research Board
11	Mamta Shandilya	SERB POWER Fellowship	Science and Engineering Research Board

3.4 Extramural funding for Research

Sr.no.	Name of the Scheme	Name of the Investigator	Name of the Funding agency	Funds provided (INR in lakhs)	Duration of the project
1	Tackling Pharmaceutical and Personal Care Product Pollutants in the North-Western Himalayan Region of India	Dr. Santanu Mukherjee	Lancaster University	₹ 9,80,599	2 years

3.5 Research projects sponsored by the government agencies

Sr.no	Name of the Scheme	Name of the Investigator	Name of the Funding agency	Funds provided (INR in lakhs)	Duration of the project
1	Studies on the interaction between the anticancer drug derivatives Wikstromal, Matairesinol, and Dibenzylbutyrolactol (obtained from the Himalayan cedar plants) and biocompatible graphene	Dr. Gururaj Kudur Jayaprakash	Himachal Pradesh Council for Science, Technology & Environment (HIMCOST E)	₹ 1,40,000	2 Years
2	Designing and development of microalgae based prototype for the improvement of air quality in the industrial areas of H.P.	Dr. Pradeep Kumar	Department of Environment, Science and Technology	₹ 1,68,000	2 Years
3	Development of Novel Functional Foods for Amelioration of Oxi-Inflamm-Aging and its Pathogenesis in Progression of Inflammatory	Dr. Rohit Sharma	Department of Science and Technology	₹ 21,92,489	3 years

	Disorders During Aging				
4	Development and evaluation of Novel formulation of active fraction from traditionally acclaimed Himalayan plants for Asthma	Dr. Rohit Goyal	Department of Science and Technology	₹ 25,26,426	3 years
5	Evaluation of Rapid and Nondesructive on-site assay of pesticide residues by Raman Spectroscopy on the surface of selected perishable fruits and vegetables	Dr. Santanu Mukherje	Science and Engineering Research Board	₹ 22,50,000	3 years
6	Fabrication of graphitic carbon nitride based magnetic absorbent and photocatalyst for water soluble industrial effluents treatment	Dr. Pankaj Raizada	Himachal Pradesh Council for Science, Technology & Environment (HIMCOST E)	₹ 3,04,000	2 Years
7	Photovoltaic behaviour of rare-earth doped bismuyh ferrite naNo fibers for potential application in perovskite solar cells	Dr. Mamta Shandilya	Himachal Pradesh Council for Science, Technology & Environment (HIMCOST E)	₹ 2,45,000	2 Years
8	Towards the development of a better, safe, environment friendly filter using Moringa oleifera for treatment of industrial wastewater of Himachal Pradesh	Dr. Saurabh Kulshrestha	Department of Environment, Science and Technology	₹ 2,64,000	2 Years

9	Process Optimization and up-scale production of lignocellulosic extremozymes from Himalayan microbes for biomass valorization/depolymerization	Dr. Kamal Dev	Department of Biotechnology	₹ 34,70,280	3 Years
10	Returning Taxus to the Forests and the People: a study in Shimla and Kullu Districts of the Indian Himalayan Region	Dr. Mamta Sharma	National Mission on Himalayan Studies	₹ 6,98,081	3 Years
11	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	Dr. Gururaj Kudur Jayaprakash	Science and Engineering Research Board	₹ 2,75,000	3 Years
12	Getting insight into gut microflora of tribal population of Himachal Pradesh for probiotic use and the production of natural antimicrobial substance	Dr. Saurabh Kulshrestha	National Mission on Himalayan Studies	₹ 9,49,577	3 Years

3.6 Number of research projects funded

Sr.no.	Name of the Scheme	Name of the Investigator	Name of the Funding agency	Funds provided (INR in lakhs)	Duration of the project
1	Tackling Pharmaceutical and Personal Care	Dr. Santanu Mukherjee	Lancaster University	₹ 9,80,599	3 years

	Product Pollutants in the North-Western Himalayan Region of India				
2	Studies on the interaction between the anticancer drug derivatives Wikstromal, MatairesiNol, and Dibenzylbutyrolactol (obtained from the Himalayan cedar plants) and biocompatible graphene	Dr. Gururaj Kudur Jayaprakash	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 1,40,000	2 Years
3	Designing and development of microalgae-based prototype for the improvement of air quality in the industrial areas of H.P.	Dr. Pradeep Kumar	Department of Environment, Science and Technology	₹ 1,68,000	2 Years
4	Development of Novel Functional Foods for Amelioration of Oxi-Inflamm-Aging and its Pathogenesis in Progression of Inflammatory Disorders During Aging	Dr. Rohit Sharma	Department of Science and Technology	₹ 21,92,489	3 years
5	Development and evaluation of Novel formulation of active fraction from traditionally acclaimed Himalayan plants for Asthma	Dr. Rohit Goyal	Department of Science and Technology	₹ 25,26,426	3 years
6	Evaluation of Rapid and Nondesructive on-site assay of pesticide residues by Raman	Dr. Santanu Mukherje	Science and Engineering	₹ 22,50,000	3 years

	Spectroscopy on the surface of selected perishable fruits and vegetables		Research Board		
7	Fabrication of graphitic carbon nitride based magnetic absorbent and photocatalyst for water soluble industrial effluents treatment	Dr. Pankaj Raizada	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 3,04,000	2 Years
8	Photovoltaic behaviour of rare-earth doped bismuth ferrite nano fibers for potential application in perovskite solar cells	Dr. Mamta Shandilya	Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)	₹ 2,45,000	2 Years
9	Towards the development of a better, safe, environment friendly filter using Moringa oleifera for treatment of industrial wastewater of Himachal Pradesh	Dr. Saurabh Kulshrestha	Department of Environment, Science and Technology	₹ 2,64,000	2 Years
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11	Returning Taxus to the Forests and the People: a study in Shimla and Kullu	Dr. Mamta Sharma	National Mission on Himalayan Studies	₹ 6,98,081	3 Years

	Districts of the Indian Himalayan Region				
12	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	Dr. Gururaj Kudur Jayaprakash	Science and Engineering Research Board	₹ 2,75,000	3 Years
13	Getting insight into gut microflora of tribal population of Himachal Pradesh for probiotic use and the production of natural antimicrobial substance	Dr. Saurabh Kulshrestha	National Mission on Himalayan Studies	₹ 9,49,577	3 Years

3.7 Innovation Ecosystem

- Shoolini University is committed to promoting the creation and transfer of technology, supporting entrepreneurship and innovation, and contributing to the country's economic and social development.
- The university has established an IPR cell, which provides guidance and support to researchers in understanding and protecting their intellectual property. In addition, the university has established a “Steve Jobs Incubation Centre” to provide a platform for entrepreneurs to develop and commercialize innovative solutions. Furthermore, Shoolini University regularly organizes seminars, workshops, and training programs to raise awareness about IPR and create an ecosystem for innovations.
- The university has well-defined policies in place for research, consultancy, IPR, and a code of ethics regarding research practices. Shoolini University has signed 100+ MoUs with several institutes and industries in the last five years to promote research and innovation. The MoUs also provide opportunities for joint research projects, technology transfer, and commercialization of research outcomes.
- Shoolini University has taken various initiatives to preserve and disseminate the Indian knowledge system. Shoolini University has established the

Yogananda Center for Theology and Research Center in Yoga to promote research and education in various aspects of Indian culture, including philosophy, spirituality, art, and literature.

3.8 Workshops/seminars conducted

Sr .n o.	Name of the workshop/ seminar	Number of Participants	Date From – To
1	Insight And Hands-On Training Program On Techniques In Biotechnology Dst Stuti	50	21-07-2022 to 21-07-2022
2	Building Information Modelling	27	01-06-2022 to 01-06-2022
3	One Day Hands on training on fruit wine production and quality analysis	54	27-04-2022 to 27-04-2022
4	AR/VR Drone Technology in Construction	46	20-02-2022 to 20-02-2022
5	Additive Manufacturing Technology: Overview	55	21-02-2022 to 21-02-2022
6	Career scope within construction	48	26-11-2021 to 26-11-2021
7	10 days' Workshop on Sanskrit Speaking	97	18-10-2021 to 27-10-2021
8	Pharmacy: Always trusted for your health	458	25-09-2021 to 25-09-2021
9	Demystifying waterproofing	48	06-09-2021 to 06-09-2021
10	2nd Yogananda International Conference on Contemporary Issues in Social Sciences	89	20-08-2021 to 21-08-2021
11	North Zone Vice Chancellor Conference on Realizing Sustainable Development Goals Through Higher Education Institutions for Ensuring Equality and Sustainable Society	150	26-11-2021 to 26-11-2021
12	Product Development Phases - Innovators in Campus	76	14-07-2019 to 14-07-2019
13	Seminar on Additive Manufacturing Technology	55	21-02-2022 to 21-02-2022
14	Seminar on Augmented Reality and Virtual Reality Drone Technology in Construction	46	20-02-2022 to 20-02-2022
15	Seminar on Awareness on Health, Immunity, and vaccination during Covid-19	108	21-09-2021 to 21-09-2021
16	Seminar on Career scope of the construction industry in India	48	26-11-2021 to 26-11-2021
17	Seminar on Data Analytics	59	30-11-2021 to 30-11-2021
18	Seminar on Demystify waterproofing	48	06-09-2021 to 06-09-2021

19	Seminar on Ecosystem Services	36	05-06-2021 to 05-06-2021
20	Seminar on Pharmaceutical and Personal Care Products	38	29-07-2021 to 29-07-2021
21	Seminar on Prospects of Vegetables Grafting in India	53	14-04-2021 to 14-04-2021
22	Seminar on Understanding Innovation Ecosystem and Funding Opportunities	43	02-08-2021 to 02-08-2021
23	Skills Progression through Rapid Intensive and Innovative Training Workshop for B Pharmacy 8th and M Pharmacy 4th semester Students on Pre Placement	126	14-03-2022 to 14-03-2022
24	Skills Progression through Rapid Intensive and Innovative Training workshop for Management Students on Selling Skills	122	20-01-2020 to 20-01-2020
25	Skills Progression through Rapid Intensive and Innovative Training workshop for MBA On Creativity and Innovation	102	13-08-2019 to 13-08-2019
26	Skills Progression through Rapid Intensive and Innovative Training workshop for MBA Students on Business Plan	146	03-10-2019 to 03-10-2019
27	Skills Progression through Rapid Intensive and Innovative Training workshop for MBA Students on Digital Transformation	109	26-09-2019 to 26-09-2019
28	Skills Progression through Rapid Intensive and Innovative Training workshop for MBA students on Leadership Skills	114	13-11-2019 to 13-11-2019
29	Skills Progression through Rapid Intensive and Innovative Training workshop for MBA students on Management of Investment	132	10-02-2020 to 10-02-2020
30	The Smart Education Conclave on The Foundation of Strong Educators - Soft Skills and Great Communication	109	19-05-2019 to 19-05-2019
31	Workshop for Paper presentation on Innovation, Social Innovation and Entrepreneurship	63	17-08-2019 to 17-08-2019
32	Workshop on Always Trusted For Your Health	458	25-09-21 to 25-09-2021
33	Workshop on Building Information Modelling	27	01-06-2022 to 01-06-2022
34	Workshop on Coaching B.Pharmacy students (Sem 8) on the session "The What and The How, the first step towards success"	92	31-08-2021 to 31-08-2021
35	Workshop on Demonstrating the Institutional values among B.Pharma (Sem 4 students) through V-EMPOWER Coaching Program	86	17-02-2022 to 17-02-2022

36	Workshop on Entrepreneurship and Innovation as Career Opportunity	86	03-09-2019 to 03-09-2019
37	Workshop on Entrepreneurship, Business Idea and Business Model Canvas	117	16-06-2019 to 16-06-2019
38	Workshop on National Innovation and Start-up Policy (NISP)	59	05-07-2019 to 05-07-2019
39	Workshop on PITINCRIT-Pitch.Invest.Criticise	79	29-11-2019 to 29-11-2019
40	Workshop on Think Change Challenge on Climate Change	91	30-11-2019 to 30-11-2019
41	Workshop on Vehicle Maintenance	15	23-07-2021 to 23-07-2021
42	Yogananda Guru Web Series New Education Policy 2020	104	09-01-2020 to 09-01-2020
43	Yogananda Guru Web Series UPSC Aspirant to Achiever	112	08-01-2020 to 08-01-2020

3.9 Patents published/awarded

Sr.no.	Name of the Patenter	Patent Number	Title of the Patent	Status
1	Dr Amit Kumar	360174-001	SOLAR POWERED SPRAYER	Granted
2	Sumit Kumar, Subodh Saurabh Singh, Mala Tripathi	337635-001	SHATKARMA KIT	Granted
3	Raj Kumar, Dr. Raj Kumar, Sorabh Aggarwal , Sashank Thapa, Dr. Bhaskar Goel	337637-001	EVACUATED TUBE COLLECTOR FOR SOLAR RADIATION	Granted
4	Jatin Shandilya, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341401-001	STEEL BAR BENDING TOOL	Granted
5	Sushil Kumar, Sonia Kumari, Sakshi Guleria	341413-001	NAIL RUBBING DEVICE	Granted
6	Arun Kumar, Dr. Deepak Kumar, Dr. Deepak Kumar	357472-001	MULTIPURPOSE MODEL FOR ANTI-INFLAMMATORY AND ANALGESIC ACTIVITIES	Granted
7	Niharika Sharma, Dr. Radha, Ashok Pundir, Suraj Prakash, Suraj Prakash	354580-001	ECO FRIENDLY MULTIUSE BASKET	Granted

8	Mr. Sunil Kumar ,Mr. Vivek Panwar ,Dr. Gururaj Kudur Jayprakash,Dr. Deepak Kumar	354444-001	GLASSWARE WEIGHING BALANCE WITH MULTIPURPOSE HOLDER	Granted
9	Sushil Kumar, Sonia Kumari, Naresh Kumar, Akarsh Sharma	339534-001	COFFEE - CLOCK	Granted
10	Dr. Amit Kumar	354435-001	POWER BRUSH WACKER	Granted
11	Gaurav Sharma, Kartik Chauhan, Saurabh Kulshrestha	337634-001	WATER CONSERVATION AND UTILIZATION SYSTEM	Granted
12	Mr. Sunil Kumar ,Mr. Vivek Panwar ,Dr. Gururaj Kudur Jayprakash,Dr. Deepak Kumar	354467-001	DIGITAL MELTING POINT INSTRUMENT WITH VGA SUPPORT FOR THE IDENTIFICATION OF MELTING POINT	Granted
13	Niharika Sharma ,Dr. Radha, Prof. Sunil Puri,Dr. MaNoj Kumar,Ashok Pundir	354581-001	ROX BROOM	Granted
14	Niharika Sharma, Dr. Radha, Dr. MaNoj Kumar, Ashok Pundir, Daljeet Singh	354885-001	BIODEGRADABLE MAT	Granted
15	Pramod Prakash, Abhinash, Dr. Reshma Sinha	358075-001	AUTO HEATING GLOVES	Granted
16	Ritika Rana, Harshit Gupta, Sashank Thapa	358070-001	PORTABLE ROD BENDING MACHINE	Granted
17	Dr. Amit Kumar	354434-001	DISTILLED WATER UNIT	Granted
18	Sushil Kumar, Akarsh Sharma, Robin Thakur, Sunil Kumar, Raj Kumar Saini, Nitisha Sharma	357469-001	ENGINE OIL COLLECTOR	Granted
19	Sushil Kumar, Sonia Kumari,Naresh Kumar, Raj Kumar, Mohan Singh, Robin Thakur, Dr. Raj Kumar, Nitin Kumar	340764-001	SIRSASANA CHAIR	Granted
20	Mr. Sunil Kumar, Dr. Deepak Kumar	353306-001	IMMERSION PROBE CHILLER WITH AN ICE BATH FOR THE	Granted

			SYNTHESIS OF COMPOUNDS	
21	Dr. Arshdeep Singh, Dr. Anurag Kumar, Dr. Sanchit Thakur, Dr. Shimpy Sarkar	352841-001	ULTRA SEC PRINTER	Granted
22	Dr Amit Kumar	352245-001	MODIFIED BRIJ PADDY WEEDER	Granted
23	Mr. Sunil Kumar, Dr. Anil Kumar, Dr. Robin Thakur, Dr. Amar Raj Singh Suri	316068-001	SOLAR ENERGY STORAGE SYSTEM	Granted
24	Amitosh Kumar, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341399-001	NUT OPENER WITH CHAIN MECHANISM	Granted
25	Saurav Chauhan, Sorabh Aggarwal, Dr. Rajkumar and Dr. Bhaskar Goel	341400-001	ANGULAR SCREWDRIVER BIT	Granted
26	Dr. Amit Kumar, Abinesh Raj VM	349115-001	INSECT COLLECTION BOX	Granted
27	Abhilash pathania, Raj Kumar, Mohan singh	335891-001	PORTABLE FRUITS GRADING MACHINE	Granted
28	Dr. Amit Kumar	349945- 001	CHAFF CUTTER	Granted
29	Prof Rajesh Kumar Sharma	349744-001	LIGHT WEIGHT HEATING SUIT	Granted
30	Kanika Arora, Dr. Pradeep Kumar, Dr. Souarbh Kulshrestha	354513-001	PORTABLE GREEN AIR PURIFIER	Granted
31	Chef Nagendra Yadav, Ankit Shukla ,Harshit Gupta, Santosh Kumar ,Pratip Mazumdar	350347-001	ADJUSTABLE DINING TABLE WITH CUTLERY DRAWERS	Granted
32	Chef Nagendra Yadav, Ankit Shukla	353107-001	TEA & COFFEE POT	Granted
33	Amitosh Kumar, Sorabh Aggarwal, Dr. Raj Kumar, Dr. Bhaskar Goel	336236-001	NUT CUTTER	Granted

34	Dr. Kamal Dev, Dr. Anuradha Sourirajan, Sorabh Aggarwal,	349191-001	AUTONOMISED LPG CYLINDER	Granted
35	Sushil Kumar, Robin Thakur, Raj Kumar, Dr. Raj Kumar, Arvind Singhy	336815-001	NANO-FLUID SPECTRAL-BEAM PHOTOVOLTAIC THERMAL EQUIPMENT	Granted
36	SASHANK THAPA, SORABH AGGARWAL, ABHILASH PATHANIA, BHASKAR GOEL, NEERAJ PIZAR	327480-001	TRATAKA EQUIPMENT	Granted
37	DR. UMAR FAROOQ, NAZAM KHAN, SHAKTI PAL SINGH CHAUHAN	1228/DEL/2015	NOVEL PEPTIDE SEQUENCE FOR DEVELOPING DIAGNOSTIC AGENTS FOR MALARIA DETECTION.	Granted
38	Sumit Kumar, Sushil Kumar, Shivanya Thakur, Subodh Saurabh Singh, Mala Tripathi, Satish, Deepshikha Thakur	346249-001	HEAD-GRIP MAT	Granted
39	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	346193-001	FOLDABLE CPR DEVICE	Granted
40	Sumit Kumar, Sushil Kumar, Dr. Suresh Lal Baenwal, Mala Tripathi, Subodh Saurabh Singh	346247-001	ADVANCED YOGA-MAT	Granted
41	Bhawna, Sushil Kumar, Sonia Kumari, Sumit Kumar, Mala Tripathi, Subodh Saurabh Singh, Prof. Abhay Saxena, Satish	346248-001	HAND-GRIP MAT	Granted
42	Sushil Kumar, Shivanya Thakur, Sonia Kumari, Sakshi Guleria	345609-001	LPG LAMP STAND	Granted
43	Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN,	202011004235	HALOPHILIC HALOBACILLUS TRUEPERI SS1 BACTERIAL STRAIN AS	Published

	SHRUTI SHARMA, Dr SONIKA GUPTA		PLANT GROWTH PROMOTING BACTERIA AND POTENTIAL BIO INOCULANTS FOR SUSTAINABLE GROWTH OF CEREAL AND PULSES CROPS UNDER NACL STRESS ENVIRONMENT	
44	RAJAN ROLTA, MEGHNA GOYAL, SAWETA SHARMA, DIVYA BHARAJ, GAJENDER SINGH, Prof. ANURADHA SOURIRAJAN, Prof. KAMAL DEV	202011004236	PHYTOCOMPOUNDS OF BERGENIA LIGULATA RHIZOME EXTRACT AS BIOENHANCER OF ANTIBACTERIAL AND ANTIFUNGAL ANTIBIOTICS AND METHOD OF USE THEREOF	Published
45	Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN, Ms. GARIMA BISHT, Dr. RITU KULSHRESHTHA, Ms. SRISHTI SRIVASTAVA"	202011004237	A METHOD OF ISOLATION OF RED PIGMENTS FROM PSYCHROPHILIC BACTERIUM RHODONELLUM PSYCHROPHILIUM GL8 AND USES THEREOF	Published
46	Isha Sharma, Astha Tripathi, Monika, Ankita	202011004632	AN ANTI BACTERIAL COMPOSITION FOR THE PREVENTION OF DENTAL CARRIES, CHEWABLE TABLETS THEREOF AND METHOD OF PREPARING THE SAME	Published
47	Er. Ravi Kant Thakur, Dr. M.S. Thakur	202011006704	A METHOD AND COMPOSITION OF LEAD RUBBER BASE ISOLATOR OF THE RCC BUILDINGS	Published
48	Mr. SAMAR VIHAL, Ms. CHARUL RATHORE, Dr. UMA RANJAN LAL, Dr. NEERAJ MAHINDROO, Dr POONAM NEGI	202011006705	ANTIPSORIATIC FORMULATION OF NIGELLA SATIVA FOR TOPICAL DELIVERY	Published
49	Mamta Sharma, Harish Bassi, Ankush Chauhan, Ritesh	202011008749	SILVER DOPED ZINC OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Published

	Verma, Garima Rana, Rajesh Kumar			
50	Kanika Dulta, Pankaj Kumar Chauhan, Reena V. Saini, Gourav Chandan, Parveen Chauhan, Vinod kumar	202011011335	COPPER OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Published
51	Mamta Sharma, Rajesh Kumar, Harish Bassi, Priyanka Chauhan, Himani Pathania, Ankush Chauhan, Ritesh Verma	202011011336	GOLD DOPED ZINC OXIDE NANOPARTICLES AND METHOD OF SYNTHESIS THEREOF	Published
52	Amit Seth, Kiran Thakur, Kalpana Chauhan, Chandrika Attri, Kshipra Sen	202011011974	A GOLD NANOPARTICLES BASED COLORIMETRIC SENSOR	Published
53	Dr. Nitika Thakur, KajalKarn, Neha Sharma, MonitaRana, Jyoti Mehta.	202011012957	A WEEDICIDE FORMULATION AND A PROCESS FOR THE PREPARATION THEREOF	Published
54	Dr. Nitika Thakur, KajalKarn, Neha Sharma, MonitaRana, Jyoti Mehta.	202011012959	A WEEDICIDE FORMULATION AND A PROCESS FOR THE PREPARATION THEREOF	Published
55	Aditya Shiven, Deepak N. Kapoor, Afroze Alam, Vinay Shanker	202011012960	SKIN DISEASE TREATMENT FORMULATION	Published
56	Dr. Nitika Thakur, Akansha suyal	202011012961	A BIO-FUNGICIDE FORMULATION AND A PROCESS FOR THE PREPARATION THEREOF	Published
57	Dr. Nitika Thakur, Latika Verma, Arpit Kumar	202011012958	ANTIFUNGAL FORMULATION AND A PROCESS FOR THE PREPARATION THEREOF	Published
58	Ashish Sharma, Dr. Nagesh Kumar, Brijbhushan Sharma	202011013258	VEHICLE WEIGHT DETECTION AND OVERLOADING CONTROL SYSTEM	Published

59	Kartik Chauhan, Brij Bhushan	202011013681	A PORTABLE AND COST-EFFECTIVE DEVICE FOR REAL TIME MONITORING OF BIOLOGICAL MACRO MOLECULES (DNA, RNA)	Published
60	Mrs. Kirti Singha, Dr. Virender Pratap Singh, Mrs. Monika Chandel, Dr. Rajesh Kumar	202011013746	HOLMIUM AND YTTRIUM DOPED BA-SR CO ₂ Z-TYPE HEXAFERRITE BASED NANOMATERIALS AND A PROCESS FOR THE PREPARATION THEREOF.	Published
61	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013744	BA-ND-CD-IN HEXAFERRITE BASED NANOMATERIAL AND A PROCESS FOR THE PREPARATION THEREOF	Published
62	Mr. Rohit Jasrotia, Mr. Ankit Verma, Ms. Bhawna Sharma, Dr. Virender Pratap Singh, Dr. Rajesh Kumar	202011013745	MG-AG-MN FERRITE BASED NANOMATERIALS AND PROCESS FOR THE PREPARATION THEREOF	Published
63	Abhilash pathania, Raj Kumar, Rajkumar, Mohan singh	202011013747	HANDY WASHING DEVICE	Published
64	Shalini Sharma Ashwani Kumar	202011013748	A SYSTEM OF EVALUATION AND COMPARISON OF DISPERSION COMPENSATION AT DISTINCT BIT RATES USING PIN PHOTODIODE AND AVALANCHE PHOTODIODE OVER 120KM OF SINGLE MODE FIBRE	Published
65	Bhaskar Goel, Sorabh Aggarwal	202011013775	A METHOD OF SURFACE CHARACTERISATION OF COPPER ALLOY DISC AND USES THEREOF	Published
66	Hemlata Kaurav, Deepak N. Kapoor	202011014187	A DRUG DELIVERY SYSTEM COMPRISING IN SITU FORMING OF MICROPARTICLES OF	Published

			GLIBENCLAMIDE FOR THE TREATMENT OF STROKE	
67	Ishita Guleria, Amita Kumari, Adesh K. Saini, Sonam Kumari, Nassem A. Gaur	202011014386	AN ANTIFUNGAL COMPOSITION COMPRISING BARK AND LEAVES EXTRACT OF POPULUS CILIATA PLANT AND METHOD OF PREPARING THE SAME	Published
68	Rachna Verma, Ashwani Tapwal, Dinesh Kumar, Sunil Puri	202011014348	AN ANTIMICROBIAL COMPOSITION COMPRISING RHIZOME EXTRACT OF TRILLIUM GOVANIUM PLANT AND METHOD OF PREPARING THE SAME	Published
69	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202011014188	NANOFIBER MEMBRANE WITH ENHANCED POLAR PHASE OF PRISTINE POLYMERS AND A PROCESS FOR THE PREPARATION THEREOF	Published
70	Dr. Mamta Shandilya, Gun Anit Kaur, Dr. Nagesh Thakur, Mr. Shammi Kumar	202011014158	CNF NANOFIBER MEMBRANE AND A PROCESS FOR THE PREPARATION THEREOF	Published
71	Mrs. Kirti Singha, Dr. Virender Pratap Singh, Mrs. Monika Chandel, Dr. Rajesh Kumar	202011014157	BA-SR CO ₂ Z-TYPE FERRITE BASED NANOMATERIAL AND A PROCESS FOR THE PREPARATION THEREOF	Published
72	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit Jasrotia, Dr. Rajesh Kumar	202011014156	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.	Published
73	Mrs. Monika Chandel, Dr. Virender Pratap Singh, Mrs. Kirti Singha, Mr. Rohit	202011014159	DY ₃₊ / NI ₂₊ IONS DOPED SR ₂ CO ₂ FE ₁₂ O ₂₂ Y-TYPE HEXAFERRITE BASED NANOMATERIAL AND A	Published

	Jasrotia, Dr. Rajesh Kumar		PROCESS FOR THE PREPARATION THEREOF.	
74	Mamta Shandilya, Gun Anit Kaur, Sahil Kumar	202011014155	A PROCESS FOR SYNTHESIS OF REDUCED GRAPHENE OXIDE	Published
75	Mohit Nigam, Retika Tewary, Nitika Thakur	202011025134	A WALL HANGING PORTABLE HYDROPONIC GROWING SYSTEM FOR PLANTS	Published
76	PRAKRITI NIDHI, RUCHI KUMARI, CHARUL RATHORE, SAMAR VIHAL, DR. POONAM NEGI, PROF. KAMAL DEV, PROF. ANURADHA SOURIRAJAN	202011027438	SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEMS COMPRISING ESSENTIAL OIL OF CITRUS PSEUDOLIMON FOR CANDIDIASIS	Published
77	PRAKRITI NIDHI, PROF. KAMAL DEV, PROF. ANURADHA SOURIRAJAN	202011027650	SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM SEEDS OF MORINGA OLEIFERA FOR TREATING CANDIDIASIS	Published
78	DEEKSHA SALARIA, RAJAN ROLTA, VIKAS KUMAR, KAMAL DEV, ANURADHA SOURIRAJAN	202011027439	ESSENTIAL OIL OF THYMUS SERPYLLUM AS BIOAVAILABILITY ENHANCER OF FLUCONAZOL AND AMPHOTERICIN B TO COMBAT CANDIDA INFECTIONS.	Published
79	DEEKSHA SALARIA, RAJAN ROLTA, VIKAS KUMAR, KAMAL DEV, ANURADHA SOURIRAJAN	202011027903	ESSENTIAL OIL OF CYMBOPOGON CITRATUS AS BIOAVAILABILITY ENHANCER OF FLUCONAZOL AND AMPHOTERICIN B TO COMBAT CANDIDA INFECTIONS.	Published
80	ADIT RANA, KAMAL DEV, RAJ KUMAR,	202011034249	SOLAR POWER ASSISTED DISTILLATION PLANT AND	Published

	SHAM SINGH CHANDEL, NIDHI KAPOOR, ANURADHA SOURIRAJAN.		METHOD OF USE THEREOF.	
81	ROHIT JASROTIA, ANKIT VERMA, POOJA PURI, VIRENDER PRATAP SINGH, RAJESH KUMAR	202011034248	A METHOD FOR WASTEWATER TREATMENT BY SUBSTITUTION OF MGFE ₂ O ₄ NANOFERRITES WITH CE ³⁺ AND NI ²⁺	Published
82	ENA DEVI , KIRAN THAKUR, CHANDRIKA ATTRI , AMIT SETH, MAHAVIR SINGH	202011037777	A METHOD FOR MAGNETIC IMMOBILIZATION OF BACTERIAL CELLS USING MAGNESIUM FERRITE NANOPARTICLES FOR BIOREMEDIATION OF TOXIC NITRILE COMPOUND	Published
83	ANKITA WALIA, DR. SOMESH SHARMA, RAJAT SINGH	202011038365	A METHOD FOR PREPARATION OF WILD POMEGRANATE PEEL ENRICHED COOKIES WITH HIGH ANTIOXIDANTS AND DIETARY FIBRE	Published
84	Kiran Thakur, Amit Seth, Chandrika attri	202011041302	AN IMMOBILIZATION MATRIX FOR CELL IMMOBILIZATION	Published
85	Mamta Shandilya, sahil kumar, Gun Anit Kaur	202011042868	FLEXIBLE ENERGY HARVESTERS FOR SHOES BASED ON PIEZOELECTRIC NANOFIBERS	Published
86	Mamta Shandilya, Gun Anit Kaur	202011042867	FLEXIBLE ENERGY HARVESTERS FOR SCAVENGING MECHANICAL ENERGY BASED ON PIEZOELECTRIC NANOFIBERS	Published
87	PROF. ANURADHA SOURIRAJAN, PROF. KAMAL DEV, MS. PRAKRITI NIDHI	202011048060	A SYNERGISTIC ANTI- FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM	Published

			ACORUS CALAMUS WITH ANTIBIOTICS	
88	Dr. Deepak Kumar, Dr. Ashutosh Kumar Dash	202011044993	GREEN SYNTHESIS OF QUINAZOLINONE MOLECULES	Published
89	Deepak N Kapoor, Prince Manta	202011043383	LATERAL FLOW IMMUNOASSAY FOR RAPID DETECTION OF ZIKA VIRUS	Published
90	Chetna Kumari, Poonam Negi, Saurabh Kulshrestha, Pradeep Kumar, Sankhajit Pramanik, Kamal Kant	202011055406	A COMPOSITION FOR THE TREATMENT OF ATOPIC DERMATITIS AND METHOD OF PREPARATION THEREOF	Published
91	SHEETAL CHOUDHARY, DR. MAMTA SHARMA	202011055410	EVALUATION OF ALLELOPATHIC NANOEMULSIONS OF AZADIRACHTA INDICA AGAINST PARTHENIUM HYSTEROPHORUS (L.)	Published
92	MRS. SHEETAL CHOUDHARY, DR. MAMTA SHARMA	202011055345	A METHOD EVALUATION OF ALLELOPATHIC NANOEMULSIONS AGAINST PARTHENIUM HYSTEROPHORUS (L.)	Published
93	BHASKAR GOEL, SORABH AGGARWAL	202011055336	IDEAL MACHINING OF PMMA AND POLYCARBONATE OPTICAL LENS AND SPECTACLE GLASSES AND METHODS THEREOF	Published
94	PRAKRIT INIDHI, Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN	202011055335	A COMPOSITION OF SYNERGISTIC ANTI-FUNGAL COMBINATION OF ESSENTIAL OIL EXTRACTED FROM LEAVES OF EUCALYPTUS GLOBULUS WITH FLUCONAZOLE FOR TREATING CANDIDIASIS.	Published
95	SRISHTI SRIVASTAVA, Dr.	202011055559	ESSENTIAL OIL OF PLEUROSPERMUM	Published

	RITU KULSHRESHTHA, DIKSHA, KRITIKA, Ms. PRAKRITI NIDHI, Er. RAJAN ROLTA, Prof. KAMAL DEV, Prof. ANURADHA SOURIRAJAN		BRUNONISAS EFFECTIVE CELL CYCLE INHIBITOR AND ANTI-CANCER AGENT AGAINST CANCER CELLS AND METHOD OF USE THEREOF.	
96	Kanika Dulta, Pankaj Kumar Chauhan, Gourav Chandan, Parveen Chauhan, Vinod Kumar	202011056025	SILVER OXIDE NANOPARTICLES COMPRISING RHIZOME EXTRACT OF BERGENIA CILIATA AND A METHOD FOR SYNTHESIS THEREOF	Published
97	Dr. Abhilas Pathania, Raj kumar, Mohan Singh	202011053521	PORTABLE GRADING MACHINE	Published
98	Sheetal Choudhary, Mamta Sharma	202011057344	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Published
99	Sheetal Choudhary, Mamta Sharma	202011057343	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Published
100	Sheetal Choudhary, Mamta Sharma	202011057342	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Published
101	Sheetal Choudhary, Mamta Sharma	202011057341	A WEEDICIDE COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	Published
102	Dr. Pooja Shandilya, Rohit Sharma, Ankita Guleria	202011057340	A NOVEL NANOCOMPOSITE PHOTOCATALYST AND A PROCESS FOR THE PREPARATION THEREOF	Published
103	Dr. Pooja Shandilya, Ankita Guleria	202011057339	A NOVEL NANOCOMPOSITE PHOTOCATALYST AND A PROCESS FOR THE PREPARATION THEREOF	Published
104	Somesh Sharma, Khyati Oberoi, Esther	202011057338	A PROCESS FOR THE PREPARATION OF DRIED	Published

	Malsawmdawngliani, Kanika Sharma, Ruchi Sharma		FRUITS AND VEGETABLE PRODUCTS	
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3.10 Ph.D.'s awarded

Sr. No.	Name of the Phd research Scholar	Name of the research Supervisor	Year of registration
1	Shailja Kumari	Dr. J M Julka	2015-16
2	Sangeeta Bhogal	Dr. Gaurav Sharma	2016-17
3	Kiran Thakur	Dr. Amit Seth	2017-18
4	Avinash	Dr. Pankaj Kumar Chauhan	2014-15
5	HeNok Gulilat Azalework	Dr. Reena V Saini	2017-18
6	Ankush Chauhan	Dr. Rajesh Kumar	2017-18
7	Arti Kumari	Dr. Sunil Puri	2016-17
8	Sheetal Choudhary	Dr. Mamta Sharma	2017-18
9	Suman	Dr. Neeraj Gandotra	2018-19
10	Nisha Kumari	Dr. Rajesh Kumar	2017-18
11	Anjana Kumari	Dr. Nitika Thakur	2015-16
12	Ritesh Verma	Dr. Rajesh Kumar	2017-18
13	Gaurav Thakur	Dr. Kamal Dev	2014-15
14	Khyati Oberoi	Dr. Somesh Sharma	2017-18
15	Zeba Manzar	Dr. Anuradha Sourirajan	2017-18
16	Vijay Chauhan	Dr. P.K Khosla	2015-16
17	Somvir Singh	Dr. Sunil Puri	2017-18
18	Prince Manta	Dr. Deepak N Kapoor	2016-17
19	Deeksha Salaria	Dr. Vikas Kumar	2017-18
20	Lavanya Tondon	Dr. Pankaj Thakur	2017-18
21	Deepanjli Sharma	Dr. Adesh K Saini	2018-19
22	Priyanka Thakur	Dr. Adesh K Saini	2017-18
23	Swati	Dr. Saurabh Kulshreshtha	2017-18
24	Arti	Dr. Anuradha Sourirajan	2015-16
25	Chainika Khatana	Dr. Adesh K Saini	2017-18
26	Arun Kumar	Dr. Adesh K Saini	2017-18
27	Priya Ritika Thakur	Dr. Amit Kumar	2017-18
28	Shweta	Dr. Gaurav Sharma	2017-18
29	Anamika Rana	Dr. Amit Kumar	2017-18
30	Ishita	Dr. Amita Kumari	2017-18
31	Diksha Pathania	Dr. Mamta Sharma	2017-18
32	Bhawna Sharma	Dr. Sourbh Thakur	2017-18
33	Farah Manzer Manhas	Dr. Pankaj Thakur	2017-18
34	Jyoti Chaudhary	Dr. Sourbh Thakur	2017-18

35	Prateek Guleria	Dr. Abhilash Pathania	2017-18
36	Ankit Verma	Dr. Sourbh Thakur	2017-18
37	Gun Anit Kaur	Dr. Mamta Shandilya	2018-19
38	Shriya	Dr. Mamta Sharma	2017-18
39	Mamta Thakur	Dr. P.K Khosla	2018-19
40	Binyam Gintamo Nuramo	Dr. Azhar Khan	2017-18

3.11 **Research papers in the Journals notified on UGC website: 791**
Books and chapters in edited volumes published: 144

3.12 **Consultancy**

University has a proper policy backed by statutes to enable its faculty to provide consultancy. The concerned company can approach the faculty concerned either directly or through the deans or by writing to the Vice Chancellor. While requesting for consultation they give a detailed statement of the problem and what they are looking for. The same is then put up to the Vice Chancellor who gives his assent to the faculty, after assuring himself with the ability of the faculty to be in a position to provide reasonable solutions. Vice Chancellor takes into account all related factors such as the compatibility of the activity with the responsibilities and commitments of the faculty, potential conflicts of interest and the use of University resources. There are two types of consultancies provided by the University – research related and non-research related. A faculty member or a team provides research support as a consultancy assignment in return for a research fee from an external funder. A Research Consultancy may be the outcome of a tender or a direct approach by an external agency or industry. Non-research Consultancies include non-research activities performed under contract for a third party.

Revenue generated from consultancy

Sr. no.	Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Revenue generated (INR)
1.	Dr. Rohit Goyal	Formulating anti acne hydrogel and its evaluation WSR to some indigeNous drugs	Uttarakhand Ayurved University, Haridwar	₹ 85,250.00
2.	Dr. Deepak Kapoor and Dr. Rohit Goyal	Development and evaluation of Panchavalkal Kashaya thermosensitive vaginal gel	Uttarakhand Ayurved University, Haridwar	₹ 99,000.00

3.	Dr. Deepak Kapoor and Dr. Rohit Goyal	Formulating Glycyrrhiza glabra infused aloe vera hydrogel and its permeation & evaluation	Uttarakhand Ayurved University, Haridwar	₹ 1,04,000.00
4.	Dr. Rohit Goyal	Pharmaceutico-analytical and immuNomodulatory study of punanavadi ghrita	Uttarakhand Ayurved University, Haridwar	₹ 1,05,200.00
5.	Prof. Atul Khosla	The global impact of coronavirus on education	Esskay Surgicals	₹ 5,00,000.00
6.	Prof. Atul Khosla	The impact of infectious epidemic on small and medium scale enterprises in Himachal Pradesh, a case study of coronavirus disease	Narendra Chirmule (Symphony)	₹ 4,50,000.00
7.	Prof. Atul Khosla	The impact of infectious epidemic on travels in Himachal Pradesh, a case study of coronavirus disease	Jyoti Bhupendra Shah	₹ 5,00,000.00
8.	Prof. Atul Khosla	Effect of coronavirus on global ecoNomy	Vardhman Textiles	₹ 5,00,000.00
9.	Prof. Atul Khosla	The impact of infectious epidemic on the banking industry a case study of corona virus disease	Koita Foundation	₹ 2,00,000.00
10.	Prof. Atul Khosla	The effect of Covid-19 on human body and it's environment	RK Khosla	₹ 13,00,000.00
11.	Prof. Atul Khosla	An analysis of the Higher Education student profile of Himachal Pradesh	Girnarsoft Education Services Private Limited	₹ 7,50,000.00
12.	Prof. Atul Khosla	Survey of Students seeking admission in Universities of India	Callido Learning Private Limited	₹ 1,50,000.00

13.	Prof. Atul Khosla	Market analysis of Auto market of Himachal Pradesh	Anand Autocare Private Limited	₹ 50,000.00
14.	Prof. Atul Khosla	Competitor analysis of Edtch players in India	Nopaperforms Solutions Private Limited	₹ 50,000.00
15.	Prof. Atul Khosla	Study on Employability courses for University students	Coursera India Private Limited	₹ 1,00,000.00

3.13 Extension Activities

Factors like environment protection, health and hygiene, education for the masses are some of the factors that count for nation building which also happens to be a core value in Shoolini as well. Recently Shoolini has been ranked among top 200 globally in TIMES HIGHER EDUCATION IMPACT RANKINGS which captures its social initiatives. University on regular basis conducts activities with You we Can, Care n Shares, Indian association of muscular dystrophy, Swachh Bharat and Swachh Shoolini Abhiyaan, Red cross, plantation drives etc. Campaigns on drug abuse are organized by Shoolini's trained volunteers who make an effort to combat the spreading menace of drugs and tobacco by street plays, counselling sessions and student interactions. All these initiatives have been a huge sensitizing factor for our students who now understand the challenges of the lesser privileged. Inculcating the right values in the youth is on high priority in our agenda. Letters of appreciation and recommendation (attached) convince us that we are enriching the lives not only of the community but our students as well.

3.14 Awards and recognition received for extension activities

Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies
Book Donation Program	Appreciation award	Mahadevi Charitable trust
Mission hunger	Appreciation award	YouWeCan
Transforming lives of patients with Muscular Dystrophy	Appreciation award	Indian Association of Muscular Dystrophy

3.15 Number of extension and outreach programs conducted

Sr. No.	Name of the activity	Organising unit/ agency/ collaborating agency	Number of students participated in such activities
1	A Visit to IAMD Centre	Indian Association of Muscular Dystrophy	23
2	Book Release at Manav Mandir	Indian Association of Muscular Dystrophy	27
3	Social Activity at Manav Mandir	Indian Association of Muscular Dystrophy	22
4	World Red Cross Day- Care & Share Centre Visit	Care & Share Solan	21
5	Discussion on Climate Change	Cool the Globe/ Shoolini University	120
6	Dental Health Check-up Camp	Dental College, Tatool Solan	91
7	Odha Do Zindagi	Goonj	46
8	Daan Utsav at Solan	Goonj, Rotary Club Solan, EarthJust, Innerwheel Club	142
9	Ashwani Khadd Cleaning with Healing Himalayas	Healing Himalayas	83
10	Bicycle Ride on World Environment Day	Healing Himalayas	4
11	Cleaning Drive at Shimla	Healing Himalayas	33
12	Cleaning Drive- Shimla	Healing Himalayas	32
13	Potter Hill- Cleaning Drive with Healing Himalayas	Healing Himalayas	36
14	A visit to Manav Mandir	Indian Association of Muscular Dystrophy	18
15	Holi celebrations at Manav Mandir	Indian Association of Muscular Dystrophy	30
16	International Day of People with Disability	Indian Association of Muscular Dystrophy	24
17	Ladies visit to Manav Mandir	Indian Association of Muscular Dystrophy	11
18	Manav Mandir Visit	Indian Association of Muscular Dystrophy	19
19	Picnic with IAMD	Indian Association of Muscular Dystrophy	6

20	Picnic with Manav Mandir	Indian Association of Muscular Dystrophy	8
21	Blood donation	IGMC Shimla	8
22	Save the Soil Event	Isha Foundation	85
23	Story Telling for School Kids	Mahadevi Library	94
24	Online education for underprivileged students at Mahadevi Library	Mahadevi Library / Shoolini University	144
25	World Literacy Day-Event at Mahadevi Library	Mahadevi Library / Shoolini University	11
26	Blood Donation Camp in University Campus	Ministry of Education, Govt. of India	108
27	Cleaning Drive & Poster Making by Faculty of Engineering and TechNology	Ministry of Education, Govt. of India	56
28	Cleaning Drive by School of biological and environmental sciences	Ministry of Education, Govt. of India	37
29	Cleaning Drive by School of BiotechNology	Ministry of Education, Govt. of India	81
30	Cleaning Drive by School of Pharmaceutical Sciences	Ministry of Education, Govt. of India	64
31	Cleanliness drive by M S Swaminathan School of Agriculture	Ministry of Education, Govt. of India	73
32	Composting activity by M S Swaminathan School of Agriculture	Ministry of Education, Govt. of India	33
33	Environmental Awareness by School of Pharmaceutical Sciences	Ministry of Education, Govt. of India	37

34	Falicitation of Prizes- Swachhata Pakhwara	Ministry of Education, Govt. of India	180
35	Reducing Food wastage and sustainability- activity by Faculty of Management Sciences	Ministry of Education, Govt. of India	23
36	Saving Water and Electricity- activity by Faculty of Management Sciences	Ministry of Education, Govt. of India	24
37	Sensitization Drive by School of Bioengineering and Food TechNology	Ministry of Education, Govt. of India	23
38	Training on utilization of fruits and vegetable waste by School of Bioengineering and Food TechNology	Ministry of Education, Govt. of India	47
39	Tree Plantation by School of Physics and Materials Sciences	Ministry of Education, Govt. of India	32
40	Level 1: National Environment Youth Parliament – 2022 organized at Shoolini University	Ministry of Parliamentary Affairs	81
41	Youth Parliament Group Discussion competition- Department of BiotechNology	Ministry of Parliamentary Affairs	23
42	Youth Parliament Group Discussion competition- Faculty of Legal Sciences	Ministry of Parliamentary Affairs	18
43	Youth Parliament Group Discussion competition- Faculty of Pharmaceutical Sciences	Ministry of Parliamentary Affairs	14

44	Youth Parliament Group Discussion competition- Faculty of Sciences	Ministry of Parliamentary Affairs	21
45	Youth Parliament Group Discussion competition- The Faculty of Management Sciences	Ministry of Parliamentary Affairs	17
46	Social Project with Mudita Foundation	Mudita Foundation	227
47	Cleaning of Natural Water Resource	NSS	22
48	Christmas celebration in School	NSS & Shoolinians for You	11
49	First NSS Meeting for the term	NSS (Shoolini University)	220
50	Tree plantation and Cleaning Drive	NSS (Shoolini University) & Shoolinians For You	120
51	Children's Day : Govt. School Visit, Manjholi	NSS, Shoolini University	50
52	Painting of Primary School on Children's Day	NSS, Shoolinians For You	27
53	Pine needles cleaning	NSS, Shoolinians For You	65
54	Tree Plantation Drive	NSS, Shoolinians For You	72
55	Bicycle ride on World Bicycle Day	Peddals Cycling Club-Shoolini	8
56	Peddals- A Ride for Breast Cancer Awareness	Peddals Cycling Club-Shoolini	10
57	Awareness session on HIV / AIDS	Red Ribbon Club	64
58	Workshop on HIV AIDS with Red Ribbon Club	Red Ribbon Club	10
59	Doctors Meeting with Girls at Girls' Hostel	Sirona Hygiene	27
60	Meeting with Deep Bajaj	Sirona Hygiene	9

61	Talk on Menstrual Hygiene	Sirona Hygiene	36
62	Swachhata Pakhwara Flash Mob at Solan	Solan Administration	55
63	Nukkad Natak by students of St Lukes	St. Luke's Senior Secondary School, Solan	45
64	A session on Career Counselling	Vivek Career Academy	37
65	Career counselling	Vivek Career Academy	43
66	Breast Cancer Awareness	YouWeCan	132
67	Cupcake activity for Cancer awareness	YouWeCan	28
68	Fashion Show on Cancer Awareness	YouWeCan	320
69	Mission Freedom from Hunger Day 1	YouWeCan	21
70	Mission Freedom from Hunger Day 2	YouWeCan	44
71	Selfie challenge for Prostate Cancer Awareness	YouWeCan	240
72	Talk on International Childhood Cancer Day	YouWeCan	148
73	Talk On Prostate Cancer	YouWeCan	202
74	Volunteers Induction Program(First Meeting)	Shoolini NSS Induction 2021	180
75	Gandhi Jayanti (Poster Making)	Shoolini NSS	50
76	Gandhi Jayanti (Tree Plantation)	Shoolini NSS	30
77	Shoolini Foundation Day	Shoolini NSS	20
78	Children's Day	Shoolini NSS	50
79	National Science Day	Shoolini NSS	50
80	Cleaning Drive	Shoolini NSS	70
81	Nasha Mukht Samaj Abhiyan Andolan Kaushal Ka	Shoolini NSS	544

3.16 Collaboration

Collaborative activities

Sr. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Duration	Nature of the activity
1	Student Placement, Internship etc	Minchey's, Shimla	Puneet Rana	45 days	Internship
2	Student Placement, Internship etc	Minchey's, Shimla	Nancy	45 days	Internship
3	Student Placement, Internship etc	Minchey's, Shimla	Amisha	45 days	Internship
4	Student Placement, Internship etc	Minchey's, Shimla	Niharika	45 days	Internship
5	Student Placement, Internship etc	Rohini Biocare, Paonta Sahib	Geetika	30 days	Internship
6	Student Placement, Internship etc	Rohini Biocare, Paonta Sahib	Tisha Gupta	30days	Internship
7	Student Placement, Internship etc	Regal Kitchen, Baddi	Vishal Dutt	35 days	Internship
8	Student Placement, Internship etc	Regal Kitchen, Baddi	Gajender Singh	30 days	Internship
9	Student Placement, Internship etc	ICICBank	Mansi, Anaya Mehta	2 Months	Internship
10	Student Placement, Internship etc	Meridian Medicare	Pushpa Panwar	2 Months	Internship
11	Student Placement, Internship etc	Pen Pundit	Anshuman, Heena, Lokesh	2 Months	Internship

12	Student Placement, Internship etc	Sun Pharmaceutical	Aman Rana	2 Months	Internship
13	Research Collaboration	King Saud University	Gaurav Sharma, Amit Kumar	1 Year	Research
14	Research Collaboration	Shenzhen University	Gaurav Sharma, Amit Kumar	1 Year	Research
15	Research Collaboration	Panjab University	Radha	1 Year	Research
16	Research Collaboration	University of Petroleum and Energy Studies	Debajyoti Bose	1 Year	Research
17	Research Collaboration	Lovely Professional University	Poonam Negi	1 Year	Research
18	Research Collaboration	Yonsei University	Pooja Dhiman	1 Year	Research
19	Research Collaboration	Dr. Yashwant Singh Parmar University of Horticulture and Forestry	S. S. Chandel	1 Year	Research
20	Research Collaboration	King Abdulaziz University	Pardeep Singh, Pankaj Raizada	1 Year	Research
21	Research Collaboration	University of Technology Sydney	Deepak N. Kapoor	1 Year	Research
22	Research Collaboration	University of Delhi	Raj Kumar	6 Months	Research
23	Research Collaboration	Duy Tan University	Pankaj Raizada	1 Year	Research
24	Research Collaboration	Nguyen Tat Thanh University	Gaurav Sharma, Amit Kumar	1 Year	Research
25	Research Collaboration	Maharishi Markandes	Rohit Goyal	1 Year	Research

		hwar University, Mullana			
26	Research Collaboration	Jaypee University of Information Technology	Pankaj Raizada	1 Year	Research
27	Research Collaboration	Anna University	Gaurav Sharma	1 Year	Research
28	Research Collaboration	Scotland's Rural College	Pankaj Raizada	1 Year	Research
29	Research Collaboration	Internation al Medical University	Deepak N. Kapoor	6 Months	Research
30	Research Collaboration	National Institute of Technology Hamirpur	S. S. Chandel	1 Year	Research
31	Research Collaboration	Taif University	Azhar Khan	1 Year	Research
32	Research Collaboration	Ton Duc Thang University	Pardeep Singh, Pankaj Raizada	6 Months	Research
33	Research Collaboration	Chitkara University	Deepak Kumar	1 Year	Research
34	Research Collaboration	Mahatma Gandhi University, Kottayam	J. M. Julka	1 Year	Research
35	Research Collaboration	University of Tehran	Parveen Sihag	6 Months	Research
36	Research Collaboration	SASTRA	Pankaj Raizada	6 Months	Research
37	Research Collaboration	Princess Nourah Bint Abdulrahm an University	Gaurav Sharma	1 Year	Research
38	Research Collaboration	National Institute of Technology Kurukshetr a	Parveen Sihag	6 Months	Research

39	Research Collaboration	Suresh Gyan Vihar University	Poonam Negi	1 Year	Research
40	Research Collaboration	Lanzhou University	Sourabh Kulshreshtha	1 Year	Research
41	Research Collaboration	Guru Nanak Dev University	Dinesh Pathak	1 Year	Research
42	Research Collaboration	Guru Jambeshwar University of Science and Technology	Deepak Kumar	6 Months	Research
43	Research Collaboration	Himachal Pradesh University	Mamta Shandilya	1 Year	Research
44	Research Collaboration	Kuvempu University	Gururaj Kudur Jayaprakash	1 Year	Research
45	Research Collaboration	Korea University	Pankaj Raizada	6 Months	Research
46	Research Collaboration	Ulster University	Poonam Negi	1 Year	Research
47	Research Collaboration	University of Thessaly	Parveen Sihag	1 Year	Research
48	Research Collaboration	University of Tabriz	Parveen Sihag	1 Year	Research
49	Research Collaboration	King Khalid University	Radha	1 Year	Research
50	Research Collaboration	Clemson University	Radha	6 Months	Research
51	Research Collaboration	University of Hradec Kralove	Rachna Verma	1 Year	Research
52	Research Collaboration	Indian Institute of Technology Gandhinagar	Santanu Mukherjee	1 Year	Research
53	Research Collaboration	Mizoram University	Debajyoti Bose	1 Year	Research
54	Research Collaboration	Chaudhary Devi Lal University, Sirsa	Archana Singhmar	1 Year	Research

55	Research Collaboration	Chandigarh Group of Colleges	Kamal Dev	1 Year	Research
56	Research Collaboration	Uttaranchal University	P. K. Chauhan	1 Year	Research
57	Research Collaboration	Wolaita Sodo University	Radha	1 Year	Research
58	Research Collaboration	Chandigarh University	Debajyoti Bose	1 Year	Research
59	Research Collaboration	Shaqra University	Dinesh Kumar	6 Months	Research
60	Research Collaboration	Indian Institute of Technology Guwahati	Gururaj Kudur Jayaprakash	6 Months	Research
61	Research Collaboration	Punjab Agricultural University	Parveen Sihag	1 Year	Research
62	Research Collaboration	National University of Singapore	S. S. Chandel	1 Year	Research
63	Research Collaboration	Kiel University	Radha	1 Year	Research
64	Research Collaboration	People's Friendship University of Russia	P. K. Chauhan	1 Year	Research
65	Research Collaboration	Hacettepe University	P. K. Chauhan	1 Year	Research
66	Research Collaboration	Eternal University	Mamta Shandilya	1 Year	Research
67	Research Collaboration	Sri Sivasubramaniya Nadar College of Engineering	Amit Kumar	1 Year	Research
68	Research Collaboration	University of Minnesota Twin Cities	Kamal Dev	1 Year	Research
69	Research Collaboration	Institute of Advanced Study in	Deepak Kumar	1 Year	Research

		Science and Technology			
70	Research Collaboration	Christ University, Bangalore	Ritesh Banerjee	1 Year	Research
71	Research Collaboration	University of Jammu	Parveen Sihag	1 Year	Research
72	Research Collaboration	National Dairy Research Institute	Azhar Khan	1 Year	Research
73	Research Collaboration	National Institute of Technology Rourkela	Parveen Sihag	1 Year	Research
74	Research Collaboration	University of Mysore	Gururaj Kudur Jayaprakash	1 Year	Research

3.17 MoUs

Sr.No	Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Duration	List the actual activities under each MOU year wise	st
1.	Institute of Advance materials	Institute of Advance materials	5 years	Higher Education, Research collaboration/ Project Work	
2.	University of Bolton	University of Bolton	5 years	Research collaboration/ Project Work	
3.	University of South Dakota mines	University of South Dakota mines	5 years	Research collaboration/ Project Work	
4.	Saskatchewan Polytechnic	Saskatchewan Polytechnic	5 years	Research collaboration/ Project Work	
5.	The University of British Columbia	The University of British Columbia	5 years	Research collaboration/ Project Work	
6.	University of G.D Annunzio DI Chieti-Pescara	University of G.D Annunzio DI Chieti-Pescara	5 years	Research collaboration/ Project Work	

7.	Bitanya Business and TechNology College	Bitanya Business and TechNology College	5 years	Research collaboration/ Project Work	
8.	The University of AutoNoma De Madrid	The University of AutoNoma De Madrid	5 years	Research collaboration/ Project Work	
9.	Osaka University	Osaka University	5 years	Research collaboration/ Project Work	
10.	The Spanish National Research council	The Spanish National Research council	5 years	Research collaboration/ Project Work	
11.	Mizan - Tepi University	Mizan - Tepi University	5 years	Research collaboration/ Project Work	
12.	American International University	American International University	5 years	Research collaboration/ Project Work	
13.	University of Nigeria	University of Nigeria	5 years	Research collaboration/ Project Work	
14.	Pharma College Ethiopia	Pharma College Ethiopia	5 years	Research collaboration/ Project Work	
15.	Vardhman Textiles Ltd	Vardhman Textiles Ltd	5 years	Setting up of nanotechnology laboratory. Grant received: Rs 4.95 crore	
16.	Amet University	Amet University	5 years	Research collaboration/ Project Work	
17.	Army Training Command	Army Training Command	5 years	Research collaboration/ Project Work	
18.	Himachal Pradesh University	Himachal Pradesh University	5 years	Research collaboration/ Project Work	
19.	ICF Delhi NCR Chapter	ICF Delhi NCR Chapter	3 years	Shoolini Ignite Project Felicitation 2022	

20.	IES University	IES University	5 years	Research collaboration/ Project Work	
21.	Imarticus Learning	Imarticus Learning	3 years	Research collaboration/ Project Work	
22.	Indian Direct Selling Association	Indian Direct Selling Association	5 years	Two-day national-level Direct Selling Conclave	
23.	Jindal Institute of Behavioural Sciences	Jindal Institute of Behavioural Sciences	3 years	Two-day Conference on Financial Crimes (Jan 2022)	
24.	Maharishi Markandeshwar Medical College	Maharishi Markandeshwar Medical College	3 years	Research collaboration/ Project Work	
25.	Newshound India Foundation	Newshound India Foundation	3 years	Research collaboration/ Project Work	
26.	Rishihood University	Rishihood University	5 years	Research collaboration/ Project Work	
27.	Rklick Solutions Pvt. Ltd.	Rklick Solutions Pvt. Ltd.	3 years	Research collaboration/ Project Work	

CHAPTER- IV
INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

- University's infrastructure compares favorably with the best in the world. The facilities for teaching-learning include: 42 Lecture and Seminar Halls, 13 e-studios, 10+ Conference Rooms and 90+ state of the Art Research Labs all ICT enabled. Yogananda Knowledge Centre (Central Library, open 24x7) fully digitized, houses books & journals and e-resources through LMS and KMS, and subscription to EBSCO with more than 2.0 lakh e-books and 10,000 research journals.
- A language lab and eUniv studio. Through eUniv platform, Online Education is supported by the LMS Moodle. Lectures, Videos are uploaded online for synchronous and asynchronous learning. For efforts in IT field, University awarded the QS IGAUGE's E-LEAD certification. An in-house radio and news channel called Radio Shoolini. Shoolini TV run by department of Journalism and Mass communication, bringing out regular newsletters and video news bulletins.
- Practical training in Hotel management, given to students by School of Hospitality and Hotel Management through the various guest houses of the university. Research in the fields of Yoga and Naturopathy, carried at its unique Yogananda Ville comprising an international hostel, meditation hall & huts & academic block. Constructed on ecofriendly lines, the Ville provides an ethnic experience with contemporary facilities.

Sr. No.	Room number			Type of ICT facility
	Academic Block	Room No.	Name of Classroom/ Seminar Hall	
1	A	302	Abhimanyu	Wi-fi/LAN, Audio-Video Facility
2	A	301	Harishchandra	Wi-fi/LAN, Audio-Video Facility
3	B	101	Peter Drucker Hall (PDH)	Wi-fi/LAN, Audio-Video Facility
4	C	202	Vishwamitra	Wi-fi/LAN, Audio-Video Facility
5	C	303	Baji Rao	Wi-fi/LAN, Audio-Video Facility
6	C	301	Vikramaditya	Wi-fi/LAN, Audio-Video Facility
7	C	501	Sudarshan	Wi-fi/LAN, Audio-Video Facility

8	C	402	Ratan Tata Hall (RTH)	Wi-fi/LAN, Audio-Video Facility
9	D	105	Kanishka	Wi-fi/LAN, Audio-Video Facility
10	D	106	NR Rao	Wi-fi/LAN, Audio-Video Facility
11	D	203	Raja Chola	Wi-fi/LAN, Audio-Video Facility
12	D	304	Swaminathan	Wi-fi/LAN, Audio-Video Facility
13	D	306	Aurobindo	Wi-fi/LAN, Audio-Video Facility
14	D	204	Valmiki	Wi-fi/LAN, Audio-Video Facility
15	E	301	Shanti Swaroop	Wi-fi/LAN, Audio-Video Facility
16	E	303A	Rana Sanga	Wi-fi/LAN, Audio-Video Facility
17	E	303B	Vyasa	Wi-fi/LAN, Audio-Video Facility
18	E	102	Visvesvaraya Hall	Wi-fi/LAN, Audio-Video Facility
19	F	101	Samudra Gupta	Wi-fi/LAN, Audio-Video Facility
20	F	102	Akbar	Wi-fi/LAN, Audio-Video Facility
21	F	103	Birbal	Wi-fi/LAN, Audio-Video Facility
22	F	104	Savarkar	Wi-fi/LAN, Audio-Video Facility
23	G	302	Kabir	Wi-fi/LAN, Audio-Video Facility
24	G	403	Udham Singh	Wi-fi/LAN, Audio-Video Facility
25	G	502	Laxmi Bai	Wi-fi/LAN, Audio-Video Facility
26	G	503	Meera	Wi-fi/LAN, Audio-Video Facility
27	G	504	Tulsidas	Wi-fi/LAN, Audio-Video Facility
28	G	304	PN Mehra	Wi-fi/LAN, Audio-Video Facility
29	G	701	Steve Jobs Lecture Hall	Wi-fi/LAN, Audio-Video Facility

30	G	702	Tagore	Wi-fi/LAN, Audio-Video Facility
31	G	703	Ramanna	Wi-fi/LAN, Audio-Video Facility
32	G	800	APJ Hall	Wi-fi/LAN, Audio-Video Facility
33	H	402	Rahim	Wi-fi/LAN, Audio-Video Facility
34	H	502	Kalidas	Wi-fi/LAN, Audio-Video Facility
35	H	503	Chanakya	Wi-fi/LAN, Audio-Video Facility
36	H	602		Wi-fi/LAN, Audio-Video Facility
37	H	701L	Chandara Gupta	Wi-fi/LAN, Audio-Video Facility
38	H	800	Moot Court Hall	Wi-fi/LAN, Audio-Video Facility
39	H	401	Dhyan Chand	Wi-fi/LAN, Audio-Video Facility
40	Alongsi de Girls Hostel	201	Cineplex	Wi-fi/LAN, Audio-Video Facility
41	Alongsi de Aryabh att Hostel	7	Chalet	Wi-fi/LAN, Audio-Video Facility
42	A	Bhaskara	E-Studio	Wi-fi/LAN, Audio-Video Facility
43	A	Darwin	E-Studio	Wi-fi/LAN, Audio-Video Facility
44	A	H J Bhabha	E-Studio	Wi-fi/LAN, Audio-Video Facility
45	C	YS Parmar	E-Studio	Wi-fi/LAN, Audio-Video Facility
46	G	501	E-Studio	Wi-fi/LAN, Audio-Video Facility
47	G	Panini	E-Studio	Wi-fi/LAN, Audio-Video Facility
48	G	Vashishtha	E-Studio	Wi-fi/LAN, Audio-Video Facility
49	H	Chanakya	E-Studio	Wi-fi/LAN, Audio-Video Facility
50	H	Charaka	E-Studio	Wi-fi/LAN, Audio-Video Facility

51	H	Dhawan	E-Studio	Wi-fi/LAN, Audio-Video Facility
52	YKC1	Yoganda Knowledge Center (YKC)	E-Studio	Wi-fi/LAN, Audio-Video Facility
53	YKC2	Yoganda Knowledge Center (YKC)	E-Studio	Wi-fi/LAN, Audio-Video Facility
54	YKC3	Ramakrishna	E-Studio	Wi-fi/LAN, Audio-Video Facility
55	F	FLH-I	E-Studio	Wi-fi/LAN, Audio-Video Facility
56	F	FLH-II	E-Studio	Wi-fi/LAN, Audio-Video Facility
57	F	FLH-III	E-Studio	Wi-fi/LAN, Audio-Video Facility
58	F	FLH-IV	E-Studio	Wi-fi/LAN, Audio-Video Facility
59	V L Chopra	SA- LH-101	E-Studio	Wi-fi/LAN, Audio-Video Facility
60	V L Chopra	SA- LH-102	E-Studio	Wi-fi/LAN, Audio-Video Facility
61	V L Chopra	SA- LH-107	E-Studio	Wi-fi/LAN, Audio-Video Facility
62	V L Chopra	SA- LH-201	E-Studio	Wi-fi/LAN, Audio-Video Facility
63	V L Chopra	SA- LH-202	E-Studio	Wi-fi/LAN, Audio-Video Facility
64	V L Chopra	SA- LH-206	E-Studio	Wi-fi/LAN, Audio-Video Facility
65	V L Chopra	SA- LH-301	E-Studio	Wi-fi/LAN, Audio-Video Facility
66	V L Chopra	SA- LH-305	E-Studio	Wi-fi/LAN, Audio-Video Facility

- All-round development of students and that learning happens not just in the classroom but also in the sports field, auditoria, and other non-academic activity hubs.
- Milkha Singh sports complex, has three badminton courts, a table tennis area, gym-plus-cardio facility with changing rooms and lockers. The outdoor facilities have a

Basketball ground, Cricket practice pitch, Badminton courts and the Yuvraj Singh Stadium for football, cricket, and other outdoor games.

- Department of Yoga and Naturopathy, and Yogananda Ville with pine-wooded and mud huts where Naturopathy treatment, training and Detoxification practices are provided. Hiking and trekking facilities exist abundantly. University is located on a pine-covered hill with walking trails crisscrossing in all directions. Cultural Activities are a crucial part. In the Activity Centre dance and aerobic classes are held.
- Cineplex offers high-quality audio and visual experience. Open-Air Theatre, three auditoriums, and a multipurpose theatre allocated for sociocultural activities. Two annual cultural festivals organized by the university are Manchtantra and Moksh. A Club Mela is organized where students are introduced to the various clubs in campus. SPRINT, the university's unique programme, organizes regular student activities. Social projects are mandatory for all students. Nearby villages are frequently visited by our NSS, NCC cadets and volunteers.

4.2 General campus facilities and overall ambience

Facilities available on campus are of high standard and contribute to the overall ambience

Administrative Block has offices of Chancellor, VC, Registrar

Director Operations, Controller of Examinations, IQAC, Accounts, HR, Placement and Conference Rooms. Health Centre: Four-bed hospital on campus with one doctor, two nurses, ambulance, and lab facilities.

- Eleven State-of-the-art hostels, separate for boys and girls, provide residential students all amenities, run professionally by "New Doors" agency. Accommodation and Guest Rooms: Hospitality department runs Daffodil's guest house, Yogananda Ville and Hotel Chalet Sports and cultural facilities on campus are abundant: Yuvraj Stadium, Milkha Singh Indoor Sports Complex, outdoor Badminton and Basketball Courts and Cricket Practice Pitch. Open- Air theatre, Student Activity Centre with Cineplex, Dance studio, Music room.
- Seven cafeterias serving a range of different menus catering to the palate preferences of students. Environmentally friendly measures are taken for harnessing solar energy and rainwater. There is a regular supply of electricity through generators Strong IT facilities.
- Shoolini has the distinction of being awarded QS IGAUGE's E-LEAD certification (E-learning Excellence for Academic Digitization). The campus is fully Wi- Fi enabled with 1 GBPS of LAN connectivity , fully functional e- studios Individuals with special needs. Campus is disabled friendly
- Golf carts are available. A stair wheelchair and ramps for access to building

Expenditure for infrastructure augmentation

Budget allocated	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities	Expenditure on maintenance of physical facilities

1279.00	1169.42	2374.02	64.40	107.30
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4.3 - Library as a Learning Resource

Yogananda Knowledge Centre consists of University Library, E- studio, Language Lab, Ramanujam Analytical Lab and Yoganada Centrefor Theology. It is housed in a five-story building that, in 2013, was nominated as architecturally best designed library in Asia. YKS houses various online and offline resources for learning, teaching and research.

Powered by 'in-house' software, the LMS is designed to supplement learning for students.

- Buttressing this learning platform, is KMS (Knowledge Management System) that aids, augments, and enriches research. YKC is fully automated and books can be accessed through YKC website by students and faculty members. Books are issued and returned through LMS.
- We have nearly 48,000+ hard copy books, more than 2 lakh e-books and 10,000 plus e-Journals available in fully downloadable format, for various subjects through EBSCO database. In addition, Delnet provides access to research journals. We provide laptops for use within library and kindles with access to 25 million e-books.
- The Analytics in the library have IBM SPSS software for data analysis needs.
- Language lab offers facilities for learning languages online.
- eUniv knowledge management system in the YKC provides for uploading lectures.
- Library facilities have also been extended to residents of Solan town and neighboring villages.

e-Library resources

Library resources	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure
Books	-	-	10.60
Journals	-	-	13.43
e – journals	-	-	-
e-books	14.40	-	14.40
e-ShodhSindhu	-	-	-
Shodhganga	-	-	-
Databases		33.94	33.94

Expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

Library resources	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure
Books	-	-	10.60
Journals	-	-	13.43
e – journals	-	-	-
e-books	14.40	-	14.40
e-ShodhSindhu	-	-	-
Shodhganga	-	-	-
Databases		33.94	

Usages of library by teachers and students: 371.9

4.4 IT Infrastructure

Classrooms and seminar halls with ICT - enabled facilities

Sr. No.	Room number			Type of ICT facility
	Academic Block	Room No.	Name of Classroom/ Seminar Hall	
1	A	30 2	Abhimanyu	Wi-fi/LAN, Audio-Video Facility
2	A	30 1	Harishchandra	Wi-fi/LAN, Audio-Video Facility
3	B	10 1	Peter Drucker Hall (PDH)	Wi-fi/LAN, Audio-Video Facility
4	C	20 2	Vishwamitra	Wi-fi/LAN, Audio-Video Facility
5	C	30 3	Baji Rao	Wi-fi/LAN, Audio-Video Facility
6	C	30 1	Vikramaditya	Wi-fi/LAN, Audio-Video Facility
7	C	50 1	Sudarshan	Wi-fi/LAN, Audio-Video Facility
8	C	40 2	Ratan Tata Hall (RTH)	Wi-fi/LAN, Audio-Video Facility
9	D	10 5	Kanishka	Wi-fi/LAN, Audio-Video Facility
10	D	10 6	NR Rao	Wi-fi/LAN, Audio-Video Facility
11	D	20 3	Raja Chola	Wi-fi/LAN, Audio-Video Facility

12	D	30 4	Swaminathan	Wi-fi/LAN, Audio-Video Facility
13	D	30 6	Aurobindo	Wi-fi/LAN, Audio-Video Facility
14	D	20 4	Valmiki	Wi-fi/LAN, Audio-Video Facility
15	E	30 1	Shanti Swaroop	Wi-fi/LAN, Audio-Video Facility
16	E	30 3A	Rana Sanga	Wi-fi/LAN, Audio-Video Facility
17	E	30 3B	Vyasa	Wi-fi/LAN, Audio-Video Facility
18	E	10 2	Visvesvarya Hall	Wi-fi/LAN, Audio-Video Facility
19	F	10 1	Samudra Gupta	Wi-fi/LAN, Audio-Video Facility
20	F	10 2	Akbar	Wi-fi/LAN, Audio-Video Facility
21	F	10 3	Birbal	Wi-fi/LAN, Audio-Video Facility
22	F	10 4	Savarkar	Wi-fi/LAN, Audio-Video Facility
23	G	30 2	Kabir	Wi-fi/LAN, Audio-Video Facility
24	G	40 3	Udham Singh	Wi-fi/LAN, Audio-Video Facility
25	G	50 2	Laxmi Bai	Wi-fi/LAN, Audio-Video Facility

26	G	50 3	Meera	Wi-fi/LAN, Audio-Video Facility
27	G	50 4	Tulsidas	Wi-fi/LAN, Audio-Video Facility
28	G	30 4	PN Mehra	Wi-fi/LAN, Audio-Video Facility
29	G	70 1	Steve Jobs Lecture Hall	Wi-fi/LAN, Audio-Video Facility
30	G	70 2	Tagore	Wi-fi/LAN, Audio-Video Facility
31	G	70 3	Ramanna	Wi-fi/LAN, Audio-Video Facility
32	G	80 0	APJ Hall	Wi-fi/LAN, Audio-Video Facility
33	H	40 2	Rahim	Wi-fi/LAN, Audio-Video Facility
34	H	50 2	Kalidas	Wi-fi/LAN, Audio-Video Facility
35	H	50 3	Chanakya	Wi-fi/LAN, Audio-Video Facility
36	H	60 2		Wi-fi/LAN, Audio-Video Facility
37	H	70 1L	Chandara Gupta	Wi-fi/LAN, Audio-Video Facility
38	H	80 0	Moot Court Hall	Wi-fi/LAN, Audio-Video Facility
39	H	40 1	Dhyan Chand	Wi-fi/LAN, Audio-Video Facility

40	Alongside Girls Hostel	20 1	Cineplex	Wi-fi/LAN, Audio-Video Facility
41	Alongside Aryabhata Hostel	7	Chalet	Wi-fi/LAN, Audio-Video Facility
42	A	Bh ask ara	E-Studio	Wi-fi/LAN, Audio-Video Facility
43	A	Da rwi n	E-Studio	Wi-fi/LAN, Audio-Video Facility
44	A	H J Bh ab ha	E-Studio	Wi-fi/LAN, Audio-Video Facility
45	C	YS Par ma r	E-Studio	Wi-fi/LAN, Audio-Video Facility
46	G	50 1	E-Studio	Wi-fi/LAN, Audio-Video Facility
47	G	Pa nini	E-Studio	Wi-fi/LAN, Audio-Video Facility
48	G	Va shi sht ha	E-Studio	Wi-fi/LAN, Audio-Video Facility
49	H	Ch an aky a	E-Studio	Wi-fi/LAN, Audio-Video Facility
50	H	Ch ara ka	E-Studio	Wi-fi/LAN, Audio-Video Facility
51	H	Dh aw an	E-Studio	Wi-fi/LAN, Audio-Video Facility
52	YKC1	Yo ga na	E-Studio	Wi-fi/LAN, Audio-Video Facility

		nd a Kn owl ed ge Ce nte r (Y KC)		
53	YKC2	Yo ga na nd a Kn owl ed ge Ce nte r (Y KC)	E-Studio	Wi-fi/LAN, Audio-Video Facility
54	YKC3	Ra ma kris hn a	E-Studio	Wi-fi/LAN, Audio-Video Facility
55	F	FL H-I	E-Studio	Wi-fi/LAN, Audio-Video Facility
56	F	FL H- II	E-Studio	Wi-fi/LAN, Audio-Video Facility
57	F	FL H- III	E-Studio	Wi-fi/LAN, Audio-Video Facility

58	F	FL H- IV	E-Studio	Wi-fi/LAN, Audio-Video Facility
59	V L Chopra	SA - LH - 10 1	E-Studio	Wi-fi/LAN, Audio-Video Facility
60	V L Chopra	SA - LH - 10 2	E-Studio	Wi-fi/LAN, Audio-Video Facility
61	V L Chopra	SA - LH - 10 7	E-Studio	Wi-fi/LAN, Audio-Video Facility
62	V L Chopra	SA - LH - 20 1	E-Studio	Wi-fi/LAN, Audio-Video Facility
63	V L Chopra	SA - LH - 20 2	E-Studio	Wi-fi/LAN, Audio-Video Facility
64	V L Chopra	SA - LH - 20 6	E-Studio	Wi-fi/LAN, Audio-Video Facility
65	V L Chopra	SA - LH -	E-Studio	Wi-fi/LAN, Audio-Video Facility

		30 1		
66	V L Chopra	SA - LH - 30 5	E-Studio	Wi-fi/LAN, Audio-Video Facility

The University has a well-documented IT policy for ensuring appropriate availability, management of IT assets and protection of their confidentiality and integrity.

These policies are:

- IT/Hardware Installation Policy
- Software Installation-Licensing Policy Network Use Policy
- E-mail Account Use Policy
- Website Hosting Policy
- University Database Use Policy

University-wide strategies are established, and responsibilities demarcated for protecting the Confidentiality, Integrity, and Availability of the information assets. Information assets addressed by policy include data, information systems, computers, network devices, intellectual property, as well as documents and verbally communicated information. The University has redundancy and back-up policy. The University proactively upgrades its facilities. IT policy is updated on regular basis to ensure e-learning and enabled continue academic. The University was awarded QS- IGAUGE's, E-LEAD certification. Expenditure on IT installation and maintenance on campus over the last five years has been more than 450 lacs. Budgeting is done on the assessment of IT-related requirements on annual basis. The budget allocated for IT expenses was Rs.465.19 lakhs, for ensuring 100% connectivity in campus, and moving towards paperless functioning. The IT Department has been given the responsibility of running secure university's network by installing firewalls-virus checking, access-controlling, and content-filtering software at gateway. University maintains a Wi-fi/Internet from BSNL with 1Gbps bandwidth.

4.5 Student - Computer ratio during the year

Number of students: 3729
Number of Computers available to students for academic purposes: 549
Available bandwidth of internet connection ≥1 G

4.6 Maintenance of Campus Infrastructure

Expenditure incurred on maintenance of physical facilities and academic support facilities

Budget allocated for infrastructure	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities	Expenditure on maintenance of physical facilities

augmentat ion			(excluding salary for human resources)	(excluding salary for human resources)
1279.00	1169.42	2374. 02	64.40	107.30

University has dedicated team under Director Operations and Director Estate overseeing maintenance:

Infrastructure and Equipment: Maintenance is under Director Estate. Power supply monitored continuously with regular audits. Water received from PHC source and own water bores. Maintenance of Labs and lecture halls under respective in- charge, supported by Operations and Estate teams. Day-to-day maintenance and checks are routine. Maintenance of 3M water filtration, Firefighting equipment, STP, ETP, water pumps, specialized equipment in labs, etc. outsourced to authorized agencies.

- Sports: University has both indoor and outdoor sports facilities maintained by sports officer and his team.
- Transport: Fleet of 10 buses, eight cars, two Ambulance and three E carts maintained through outsourced agencies.
- Clean and Green campus: Team of housekeeping and landscape work with dedication to keep campus aesthetically beautiful.
- Deep cleaning of campus carried fortnightly.
- Dustbins placed at every corner and corridors emptied regularly.
- Segregation of refuse including from labs and their proper disposal through private contractor.
- Security and Surveillance: Trained Security guards deployed and surveillance cameras installed at all sensitive areas maintained by IT Team.
- Teaching Aids: All teaching aids such as LCD Projectors, PA Systems, Laptops, Desktops, Printers, Wi-Fi etc. periodically checked and maintained by Estate and IT Team.

CHAPTER – V

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

Students benefited by government scheme (scholarships and free ships)

Name of the scheme	Number of students	Amount
Centrally Sponsored Post Matric Scholarship for SC Students Manipur	1	Directly Credited to Students
Centrally Sponsored Post Matric Scholarship Scheme For OBC Students-Himachal Pradesh	5	Directly Credited to Students
Centrally Sponsored Post Matric Scholarship Scheme For SC Students-Himachal Pradesh	13	Directly Credited to Students
Centrally Sponsored Post Matric Scholarship Scheme For ST Students-Himachal Pradesh	2	Directly Credited to Students
Ishan Uday Special Scholarship Scheme For NER	3	Directly Credited to Students
Kalpana Chawla Chatravriti Yojana-Himachal Pradesh	1	Directly Credited to Students
Merit-Cum-Means Scholarship For Professional And Technical Courses	1	Directly Credited to Students
Merit-Cum-Means Scholarship For Professional And Technical Courses	8	Directly Credited to Students
Post Matric Scholarship Schemes Minorities	4	Directly Credited to Students
Pragati Scholarship Scheme For Girls (Degree) For Technical Education	1	Directly Credited to Students
Pragati Scholarship Scheme For	1	Directly Credited to Students

Girls(Degree) For Technical Education		
Umbrella Scheme For Education of ST Children - Post Matric Scholarship (Pms) For St Students- Meghalaya	12	Directly Credited to Students
Umbrella Scheme For Education Of St Children - Post Matric Scholarship (Pms) for ST Students	31	Directly Credited to Students
Umbrella Scheme For Education Of St Children - Post Matric Scholarship (Pms) for ST Students Arunachal Pradesh	18	Directly Credited to Students

Students benefited by University scheme (scholarships and free ships)

Year	Name of the scheme	Number of students	Amount
2021-22	BPL Scholarship	23	2380436.00
2021-22	Chancellor's Fully Funded Research Fellowship	6	928995.00
2021-22	Defence Scholarship	103	854937.35
2021-22	Employee Scholarship	11	1161098.00
2021-22	Foreign Student Scholarship	34	9701601.71
2021-22	Frontline COVID Warriors Scholarship	1	10600.00
2021-22	JRF Scholarship	8	1192137.50
2021-22	Merit Scholarship	132	4151944.05
2021-22	Need Based Scholarship	26	1313787.50
2021-22	Need-cum-merit based scholarship for all UG/ PG programs	33	1094468.86
2021-22	PG Direct Selling Scholarship	17	655100.00
2021-22	Ph.D Research Scholarship	5	472778.00
2021-22	SAPS	42	2151375.00
2021-22	Scholarship for Experienced candidates applying for MBA	2	48297.20
2021-22	SEST	2	156250.00
2021-22	Shoolini Alumni Scholarship (SAS)	5	414670.00
2021-22	Siblings Scholarship	8	90100.00
2021-22	Single Girl Child Scholarship	3	39000.00
2021-22	Single Parent Scholarship	42	890510.20
2021-22	Special Scholarship	59	3017561.80
2021-22	Sports Scholarship	18	344286.13
2021-22	Students of North East/Bhutan/Nepal	26	1166414.79

2021-22	Vice Chancellor Fellowship	3	344155.00
2021-22	Ward Scholarship	23	2505902.00

5.2 Student Progression

- **Total number of placements of outgoing students: 310**
- **Number of recently graduated students who have progressed to higher education: 205**

5.3 Student Participation and Activities

Awards/medals won by students

Name of the award/ medal	Team / Individual	Inter-university / state / National / International	Name of the event	Name of the student
Outstanding accomplishments and sportmanship	Individual	Inter university	VARCHAS'22 organised by The Indian Institute of Technology Jodhpur	Priyam Srivastava
Outstanding accomplishments and sportmanship	Individual	Inter university	VARCHAS'22 organised by The Indian Institute of Technology Jodhpur	Abhishek Dhiman

5.4 Student Council and its activities

Students Council promotes a sense of ownership amongst students and encourages them to participate in all round activities. Council acts as a conduit between faculty, management, and the students. It provides opportunities to students to acquire skills in planning, organization, leadership. key role and responsibilities of council are as under:

- Acts as voice of the students - It is expected to uphold, promote, and support vision of the University.
- Running the Induction program - The weeklong Induction program for new students called the Week of Welcome (WOW) is managed and executed largely by council every new student finds a BUDDY in a senior student.
- Placement Coordination - In close coordination with Placement and Career Development Cell entire process is managed by students
- Organizing events and community work in the campus - Activities are planned meticulously to ensure a high level of student engagement beyond classrooms.

- Hostel Committees are in place for smooth running of hostels. Shoolini genuinely believes in “Giving Back to Society”. Hence, council collaborates with various NGOs and local communities to undertake various projects.

5.5 Sports and cultural events / competitions organized

Sr.No.	Date of event/competition (DD-MM-YYYY)	Name of the event/competition
1	2/22/2022	Golden Rudraksha Awards – 2022
2	03-11-2022	TICC Cultural Evening
3	03-12-2022	Nukkad Natak by Shoolini Creative Studio
4	3/18/2022	Cultural Evening- Convocation
5	4/14/2022	Baisakhi celebration – 2022
6	4/23/2022	Himachal Got Talent
7	4/26/2022	TEDx DJ Night
8	5/18/2022	Gaiety Theatre – Panchlight
9	6/13/2022	QS Rankings Celebration
10	6/24/2022	Shoolini Mata Fair
11	6/25/2022	Shoolini Mata Fair
12	6/26/2022	Shoolini Mata Fair
13	4/23/2022	First Interdepartment Football League
14	4/24/2022	First Interdepartment Football League
15	4/25/2022	First Interdepartment Football League
16	05-05-2022	Interdepartment Cricket Tournament
17	05-06-2022	Interdepartment Cricket Tournament
18	05-07-2022	Interdepartment Cricket Tournament
19	05-08-2022	Interdepartment Cricket Tournament
20	05-09-2022	Interdepartment Cricket Tournament
21	5/23/2022	Second Interdepartment Football League
22	5/24/2022	Second Interdepartment Football League
23	5/25/2022	Second Interdepartment Football League
24	5/25/2022	Interdepartment Annual Table Tennis Sports Meet
25	5/26/2022	Interdepartment Annual Table Tennis Sports Meet
26	5/27/2022	Interdepartment Annual Table Tennis Sports Meet
27	07-07-2022	Badminton Interdepartmental Tournament
28	07-08-2022	Badminton Interdepartmental Tournament
29	07-09-2022	Badminton Interdepartmental Tournament
30	05-07-2022	Cricket tournament for Faculty and Staff
31	5/23/2022	Interdepartment Sports Meet
32	5/24/2022	Interdepartment Sports Meet

5.6 Alumni Engagement

University signed an MoU with Alma Shines, an Alumni Networking Company on September 6, 2019. Alma Shines helps Shoolini University to streamline Alumni management to build a robust and ever-growing alumni community. There are over 3200 strong alumni members registered with the Shoolini Alumni Association.

The objectives of this MOU are:

- Building a strong Alumni Database Establishing regular communication channels between institute and alumni community
- Conducting Alumni Engagement activities Establishing a Channel for student-Alumni Interaction Establishing awards to honor the alumni who are making the institution proud

CHAPTER – VI ACADEMIC ASPECTS

6.1 Curriculum Design and Development

Keeping abreast of the latest technological, industrial, social, local, regional, and global developments, all programs in the University are continuously upgraded and updated. Curricula ensure that students get trained in the latest technologies, learn life skills such as problem- solving, communication, leadership, teamwork and remain employable. Owing to COVID-19 pandemic, the pedagogy of imparting knowledge, skills and attitudes took a paradigm shift when it mostly became online rather than offline. Along with university wide LMS, various MOOC platforms were incorporated into the system.

Shoolini follows an extensive 360-degree process for curriculum review:

1. Benchmarking of programs with reputed institutions.
2. Inter-disciplinary approaches for critical and collective understanding.
3. Industry-Alumni Feedback to assess industry relevance. Partnered with GENPACT etc.
4. Board of Studies and Global Advisory Board provide expert external perspective.
5. Guidelines of statutory bodies, provides larger strategic view.
6. Mandatory SPRINT Program aims for an all-round development of students.
7. Yogananda Guru Series- inspires students to contribute towards national development.
8. Skill Certifications like (AMFI-NISM), TALLY, etc.
9. Research leading to filing of Patents and Publications
10. Regional responsibilities focus on utilization and conservation of the Himalayan resources.
11. Exchange Programmes: Exchange of teachers and students through MoUs with international institutes/ universities.

6.2 Programmes where syllabus revision was carried out

Sr. No.	Programme name	Year of Introduction
1.	B Sc (Hons.) Agriculture	2018-19
2.	B Sc Hospitality and Hotel Administration	2017-18

3.	B. Com (Hons.)	2010-11
4.	Pharmacy	2009-10
5.	B.Sc. (Hons.) Biotechnology	2014-15
6.	B.Sc. (Hons.) Biotechnology Research	2020-21
7.	B.Sc. (Hons.) Chemistry	2015-16
8.	B.Sc. (Hons.) Microbiology Research	2020-21
9.	B.Sc. Yoga	2017-18
10.	B.Sc. (Hons.) Mathematics	2016-17
11.	B.Sc. (Hons.) Microbiology	2014-15
12.	B.Sc. (Hons.) Physics	2015-16
13.	B.Sc. (Hons.) Zoology	2015-16
14.	B.Sc. Food Technology	2016-17
15.	B.Sc. Nutrition and Dietetics	2020-21
16.	Beach Bioinformatics	2021-22
17.	B.Tech CSE	2009-10
18.	B.Tech EE	2012-13
19.	B.Tech IT	2017-18
20.	B.Tech. Biotechnology	2009-10
21.	B.Tech. Civil	2011-12
22.	B.Tech. Food Technology	2010-11
23.	B.Tech. Mechanical	2010-11
24.	BA (Hons.) English	2016-17
25.	BA Journalism and Mass Communication	2016-17
26.	BALLB	2017-18
27.	BBA	2014-15
28.	BCA	2020-21
29.	BSc (Hons.) Botany	2015-16
30.	LLB	2017-18
31.	LLM	2020-21
32.	M.A English	2017-18
33.	M.Pharmacy Pharmaceutical Chemistry	2009-10
34.	M.Pharmacy Pharmaceutics	2009-10
35.	M.Pharmacy Pharmacognosy	2020-21
36.	M.Pharmacy Pharmacology	2009-10
37.	<u>M.Sc. Agriculture and Extension Education</u>	2020-21
38.	M.Sc. Food Technology	2014-15
39.	M.Sc. Nutrition & Dietetics	2020-21

40.	M.Sc. Yoga	2018-19
41.	M.Sc. Agriculture Agronomy	2020-21
42.	M.Sc. Biotechnology	2009-10
43.	M.Sc. Botany	2011-12
44.	M.Sc. Chemistry	2010-11
45.	M.Sc. Data Analysis	2020-21
46.	M.Sc. Data Analytics	2020-21
47.	M.Sc. Environmental Sciences	2010-11
48.	M.Sc. Mathematics	2016-17
49.	M.Sc. Microbiology	2009-10
50.	M.Sc. Microbiology Research	2020-21
51.	M.Sc. Physics	2011-12
52.	M.Sc. Plant Breeding and Genetics	2020-21
53.	M.Sc. Soil Science	2020-21
54.	M.Sc. Zoology	2015-16
55.	MTech Civil	2012-13
56.	MTech CSE	2012-13
57.	MTech Energy	2020-21
58.	MTech Food Technology	2010-11
59.	MTech. Biotechnology	2010-11
60.	MTech. ECE	2013-14
61.	MA Economics	2020-21
62.	MBA	2009-10
63.	MBA Executive	2019-20
64.	MCA	2020-21
65.	Ph.D. Biotechnology	2009-10
66.	Ph.D. Botany	2009-10
67.	Ph.D. Chemistry	2010-11
68.	Ph.D. Civil Engineering	2016-17
69.	Ph.D. Computer Science and Engineering	2015-16
70.	Ph.D. Environmental Sciences	2011-12
71.	Ph.D. Management Sciences	2009-10
72.	Ph.D. Mathematics	2018-19
73.	Ph.D. Mechanical Engineering	2013-14
74.	Ph.D. Microbiology	2009-10
75.	Ph.D. Physics	2010-11
76.	Ph.D. Civil	2016-17
77.	Ph.D. ECE	2013-14
78.	Ph.D. Food Technology	2014-15
79.	Ph.D. Pharmaceutical Sciences	2009-10

80.	Post Graduate Diploma in Direct Selling	2021-22
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6.3 Academic Flexibility

New courses introduced

Sr. No.	Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1.	Sports Nutrition	MND-205	SD Students act as nutrition counsellors for competitive and recreational athletes
2.	Clinical Nutrition and Management	MND-201	SD Advanced knowledge of nutrition management skills in emergencies, extreme environments, space missions etc can place student in govt run schemes and programmes for special projects.
3.	Food Hygiene and Sanitation	BND206	EM Students will reduce the risk of food-borne diseases in industrial setup.
4.	Introduction to Bioinformatics	BI-201	SD: Students learn about Developing and implementing algorithms for database processing.
5.	Object Oriented Programming Using C++	CSU1287	SD: Students understand object-oriented approaches for finding solutions to various problems with the help of C++ language: Students learn about various concepts of object-oriented approach towards problem-solving
6.	Methods & Techniques in Research	CSU1136	SD: Students learn about finding an answer to a question or solution to a problem: Students become employable in various research institutions and industries/
7.	Constitution Government and Democracy	CSU1382	Belletrist session on the eve of constitution day
8.	Introduction to Western Political thought	CSU1386	Belletrist session on Nicole Machiavelli and Kautilya

9.	Mindfulness Techniques of Yoga	CSU647	This will be enabling the student to have mind in present moment with its fundamentals and also provide basic asanas and pranayama to keep ourselves integrated and in tune with the nature.
10.	Naturopathy for Healthy Living	CSU880	This will be enabling the student to have basic knowledge of naturopathy and its fundamentals along with Uses of five elements in day-to-day life to keep our body healthy and disease free without any medicine.
11.	Science of Yoga	CSU879	Students would be able to comprehend the fundamental structure and function of the human body. Students would also understand the physiological effects of each yoga practice.
12.	Basics of Sanskrit	CSU888	Sanskrit is our ancient language that can help the student to associate with their culture and tradition Through this paper, students get basic knowledge of the Sanskrit language so that they can read Sanskrit mantras and verses easily.
13.	New Media: Advanced Approaches	JMC103	This course will help the students to learn the uses of cyber media for journalistic purpose. This course will also aid the students in understanding the applications of the online tools for communication.
14.	Corporate Communication	JMC102	This course will help the students to comprehend the characteristics of corporate communication. This will also help them to organize press conferences, facility visits and to prepare press briefs
15.	Reporting for Print Media	JMC103	The course will aid the students in understanding the concepts of news, different types of writing, interviews, news beats, specialized reporting, reporting for print media.

16.	Film Studies	JMC203	The course will encourage critical thinking in the students while also developing a respect for cultural diversity as they become acquainted with it through the means of cinema.
17.	Electronic Media	JMC104	This course will help the student to work as a reporter, anchor and voice over artist in TV industry
18.	Becoming an RJ	CSU856	This course will help the students to become professional and balanced speakers.
19.	News Anchoring	CSU985	This Course will help the students to work as an Anchor in professional world.
20.	Glass in buildings: Design and Applications	CSU375	The course aims to provide fundamental knowledge Glass Facades in the building envelope with design, structural and how to improve the building performance using glass.
21.	Artificial Intelligence I	CSU620	This Course introduces the fundamental problems, theories, and algorithms of the artificial intelligence field. Students will be able to learn heuristic search; knowledge representation using predicate calculus; automated deduction and its applications; planning; and machine learning. Important concepts used nowadays in real world everywhere will be useful for students at industry level for strengthening their skills and employability.
22.	Microcontroller & Embedded System	CSU091	As its name suggests, Embedded means something that is attached to another thing. An embedded system can be thought of as a computer hardware system having software embedded in it. An embedded system can be an independent system or it can be a part of a large system. An embedded system is a microcontroller or microprocessor-based system which is designed to

			perform a specific task. This will enhance the skills and employability of students in various industries related to software & Electronics . There is a wide scope of this course as a maintenance or service engineer in every organization.
23.	Deep Learning	CSU675	To introduce the fundamentals of deep learning and the main research activities in this field. To learn architectures and optimization methods for deep neural network training.
24.	Research Methodology	CSU530	This course will provide an opportunity for the participants to establish or advance their understanding of research through critical exploration of research knowledge, ethics, and approaches. The course includes the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed method approaches. The participants will use these theoretical underpinnings to begin to critically review literature relevant to their field or interests and determine how research findings are useful in informing their understanding of their environment (work, social, local, global).
25.	Big Data Technology	CSU691	This course explains about the big data technologies which can be defined as software tools for analysing, processing, and extracting data from an extremely complex and large data set with which traditional management tools can never deal.
26.	Problem Solving using Programming	CSU271	This course covers the fundamental principles of computer programming, with an emphasis on problem solving strategies using structured

			<p>programming techniques. The C++ programming language, which is widely used, and which forms the syntactical basis for object-oriented languages, is used to introduce problem analysis, algorithm design, and program implementation. It also provides the students with solid foundations in the basic concepts of programming data structures and algorithms. The main objective of the course is to teach the students how to select and design data structures and algorithms that are appropriate for problems that they might encounter. This course covers some of the general-purpose data structures and algorithms, and software development. It is aimed at helping you understand the reasons for choosing structures or algorithms. Quantitative examples and hands-on assignments will be given. Students will conduct some program execution for various techniques of Object-oriented programming and Data Structures</p>
27.	Introduction to Artificial Intelligence	CSU526	<p>In this we do processing tasks which are suitable for artificial intelligence approaches, we determine an architectural structure for large systems. We visualize a three-layer architecture of private applications, mediating information servers, and an infrastructure which provides information resources. The base information resources are likely to use algorithmic techniques since they will deal with many similar base objects. Their results are at higher level of abstraction, diverse, and fewer in number. The information servers must consider the scope,</p>

			assumptions, and meaning of those intermediate results. Such processing will require techniques grounded in artificial intelligence concepts. Applications will need artificial intelligence techniques to augment the human interface and provide high-level decision support.
28.	Time Series Analysis and Forecasting	CSU776	Learn basic analysis of time series data; learn basic concepts in time series regression; learn auto regressive and model averaging models; learn basic concepts of spectral analysis and space-time models; utilize R for computation, visualization, and analysis of time series data
29.	Object Oriented Analysis and Design	CSU590	The students will learn how to produce detailed object models and designs from system requirements; use the modelling concepts provided by UML; identify use cases and expand them into full behavioural designs; expand the analysis into a design ready for implementation and construct designs that are reliable.
30.	Introduction to Bigdata and Cloud Computing	CSU587	This course provides an in-depth coverage of various topics in big data from data generation, storage, management, transfer, to analytics, with focus on the state-of-the-art technologies, tools, architectures, and systems that constitute big-data computing solutions in high-performance networks. Real-life bigdata applications and workflows in various domains (particularly in the sciences) are introduced as use cases to illustrate the development, deployment, and execution of a wide spectrum of emerging big-data solutions

31.	Data Mining and Predictive Modelling	CSU340	In this course students learn about predictive modelling techniques as well as data mining and analysis. The course will cover common machine learning techniques that are focused on predictive outcomes. Students will learn how to evaluate the performance of the prediction models and how to improve them through time.
32.	Fundamental of Direct Selling	CSU 746	Concept of Direct Selling, History, Evolution, Major Players, Compensation Plans, Current Trends, Regulatory Framework, Guidelines, Rules, Critical Success Factors
33.	The Entrepreneurial mindset	CSU656	entrepreneurial mindset, innovation, business models, product-market fit, Business Model Canvas
34.	Soft Skills	CSU748	Communication skills, People skills, public speaking, Presentation skills
35.	Leadership and Motivation	CSU749	Leadership & Motivation Theories, Application in DS

6.4 Curriculum Enrichment

As a socially responsible university, Shaolin University has embedded high-impact and need-of-the-hour relevant courses in areas such as Professional Ethics, Gender, Human Values, Environment and Sustainability.

- 1 Yogananda Guru Lecture Series: Guest lectures by field experts, researchers, corporate leaders, spiritual gurus, and luminaries to instill social, moral and ethical values among the students.
- 2 Courses on Human Values, Spirituality & Meditation, and Business Ethics like Spirituality and Meditation, Bhartiya Sanskriti, Ancient Indian Wisdom, Indian Mythology, Society & Culture of India, Values & Ethics etc. get floated.
- 3 Social Projects on Health, Sanitation, Cancer, Muscular Dystrophy, Environment, Plastic, solid liquid waste etc., happen to sensitize people.

- 4 Courses such as Core Social Challenges & Their Resolutions, Literature, Gender, NSS, NCC etc. are offered to develop the students' sensibility towards biological, sociological, psychological, and legal aspects of gender equality etc.
- 5 Environment and Sustainability issues are well-reflected in university's 'Green Policy' carried out by Center for Research on Himalayan Sustainability and Development and Center in Renewable Energy.
- 6 Courses like Himalayan Biodiversity, Drug Abuse, Green Chemistry, Environmental Laws, Green & Clean Energy, Yoga for Wellness, Spirituality & Meditation, Mantras of Happiness, Environmental Studies etc. focus to make students better citizens of tomorrow

CHAPTER-VII

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

An Open Elective course on 'Gender Studies' is offered to all UG students -identify/understand the key issues related to gender bias/inequality.

- Gender Sensitivity Through Group Activities takes place regularly; this helps redefine the students' perspective towards the other sex.
- Discussions around menstruation, unprotected sex, child abuse, AIDS, etc., are carried out on common platforms. LGBTQ + Community club launched "Shades of Love" Guest Faculty and Expert lectures are an ongoing activity at Shoolini through 'Guru Series' lectures.
- Special Facilities for Women Employees Creche is fully furnished and has arrangements for food, recreation, and beds for the children. A teacher and trained nanny are available full day.
- Security: Security Arrangements for Women Residents in all the hostels. Residences of girl students are manned by lady security guards. There are also lady attendants who accompany women employees and students.
- Health: Free Health camps and check-ups are organized regularly for the faculty and staff. Doctors from leading hospitals are engaged in these activities Physical and Other Activities. Yoga, Aerobics, Dance, Music, Theater Classes are conducted regularly in the evening hours Counselling. A lady counsellor is available 24x7 on campus in case students or staff have any issues bothering them.

7.2 Sources of energy and energy conservation

- Solar Energy Facility in Aryabhata Hostel

7.3 Waste management

a. Solid Waste Management

Accomplished either by in house utilization/ consumption or outsourcing collection and disposal to an authorized agency. Over 700 bins have been provided on campus.

- Bio Degradable Solid Waste: Collected and put through Vermicompost process. Takes 60 days to convert into Vermicompost used in nurseries, agriculture farms, and research purposes.
- Non – Biodegradable Solid Waste: Collection and disposal outsourced to authorized agency for disposal to the dumping yard situated at

Salogra.

b. Liquid Waste Management

- Sewerage Treatment Plant (STP): 2 Sewage Treatment Plants of 350 & 50 Kilo Liter capacity, respectively. Treated water is then used for irrigation of landscaping and gardening projects.
- Effluent Treatment Plant (ETP): 20,000 Liter capacity, is designed to treat the effluent coming from chemical sources and labs. Treated water is then used for landscaping and gardening purposes.

c. Biomedical Waste Management

Contracted with Enviro Engineers, Shimla, authorized by H.P. State Pollution Control Board for disposal of Biowaste up to 100 kg per month at their plant at Sandli/Pirdi.

d. Waste Recycling System

The University has adopted a minimum and essential use of paper policy which helps in the conservation of resources and a small amount of paper is wasted.

7.4 Green campus initiatives

- 1. Restricted entry of automobiles**
- 2. Use of Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

7.5 Institutional initiatives

Diversity in education helps people to make informed opinions and judgements. Differences give people unique perspectives and outlooks that can support and enrich individual lives and learning. In Shoolini, we believe that the more diversity we have, the more we are empowered Diversity is about seeing everyone on an equal platform and learning to accept differences – a strong belief in Shoolini. The feeling of inclusivity is inculcated from the day a student joins Shoolini University. Each new student is assigned a Buddy, an existing senior student with helpful nature, who helps the newcomer settle down To foster multi-cultural diversity, the Office of International Affairs organizes a series of Cultural Cafes. Foreign students

are encouraged to mix freely and very often they can be seen participating in the common cultural events, rubbing shoulders with their Indian fellow students. Some of the important days celebrated by the University are - World Hindi Day, National Youth Day, International Women's Day, World Health Day, International Labor Day, Red Cross Day, International Girl Child Day, Human Rights Day etc. As the number of students from other states are on the rise special efforts to celebrate Inclusivity are organised by the office of DSW.

7.6 National and international commemorative days, events and festivals.

The following are some of the significant days in the academic calendar that are celebrated annually with great fervor and energy

- 1 Republic Day (26th Jan) and Independence Day (15th August)
- 2 World Cancer Day faculty /students take up the issue for one day but full week is devoted to spread of awareness.
- 3 Women's Day Interaction with eminent women, visits to interact with women of neighboring villages, fashion shows, awareness of women's rights, etc., are all organized to celebrate Women's Day
- 4 World Health Day Free medical check-ups, talk by eminent doctors our girl students visit girls' schools and discuss menstrual hygiene and general awareness of their physical and mental wellbeing
- 5 World Labor Day (1st May) is celebrated by the workforce in campus.
- 6 Teachers Day (5th September) is celebrated mini marathon on different social themes.
- 7 Swachh Diwas (2nd October) is celebrated appreciating all by organizing a with cleanliness drive in campus and in the villages nearby.
- 8 Pink Oct for breast cancer other commemorative days like World Theatre day when the theatre club 'Dramebaaz' organizes workshops and performances. On days like World Science Day, World Yoga Day, Environment Day, World AIDS Day, Say No to Tobacco Day.

7.7 Best Practices

Title of the Practice: Book my Exam

1. Objectives of the Practice: To provide unparalleled convenience by offering a user-friendly platform, to streamline administrative processes for educational institutions and to enhance overall examination experience.
2. The Context In a rapidly digitizing world, the educational and professional

landscape is witnessing a transformative shift, and "Book My Exam" stands as a prime example of this evolution.

3. The Practice "The Practice of Book My Exam" embodies a modern approach to exam scheduling. This platform simplifies the process, allowing candidates to effortlessly choose preferred dates, times, and locations. With user-centric design, it optimizes convenience, reducing administrative burdens while enhancing the assessment experience for students and professionals alike.
4. Evident of success of "Book My Exam" is evident through its transformative impact on exam scheduling. Increased user adoption and positive feedback underscore its efficacy in simplifying process, offering convenience to students and professionals. Improved resource management highlights its administrative advantages for educational institutions.
5. Problems Encountered and Resources Required "Book My Exam" encounters minimal problems due to its user-friendly design. However, potential challenges might include technical glitches. Resources required encompass robust IT support, regular updates for smooth functionality, and effective user education.

7.8 University Performance

Shoolini University was set up with a quest for creating a center of knowledge and innovation at par with internationally reckoned centers of research and education. Shoolini University is marching ahead towards global excellence by giving a strong thrust to innovative research. Till date, Shoolini University has published 2500+ SCOPUS listed papers, filed 1300+ patents, and received financial support of Rs 38 crore+ from various funding agencies. Shoolini University has emerged as one of the top patent filers in the country in recent years. Shoolini University now has an index of 111, which is the second-highest among the universities established in and after 2009. Shoolini University also aims to provide world-class education and learning experience to distinctive and needy students from smaller towns and villages of India. To fulfill this mission, we have built deep operating and capital efficiencies for affordable fees, have built an endowment fund for scholarships to the lesser privileged, and have brought innovation, skill-based learning and technology into our pedagogy. Shoolini University has also started the "Summit Research Program" to encourage UG students to carry out research with a faculty member on a specific research topic.
