



Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Shoolini University of Biotechnology and Management Sciences [ARI-U-0190]

#### Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body ( Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Shoolini University of Biotechnology and Management Sciences	442480772.00	490819149.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	442480772.00	490819149.00	

Institute Type: University & Deemed to be University (Private/Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 3215

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 225

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	02-04-2018 00:00:00	03-04-2018 00:00:00	2	Within Campus	178	8	0	0	186	Yes	81325
Skills Progression through Rapid Intensive and Innovative Training seminar for MSc Students on Entrepreneur ship	Entrepreneur ship/Startup	Seminar	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	04-04-2018 00:00:00	05-04-2018 00:00:00	2	Within Campus	48	7	0	0	55	Yes	73825

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Skills Progression through Rapid Intensive and Innovative Training workshop for UG Students on Creativity and Innovation	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	09-04-2018 00:00:00	11-04-2018 00:00:00	3	Within Campus	82	5	0	2	89	Yes	108075
Skills Progression through Rapid Intensive and Innovative Training Workshop for Undergradua te Students	Innovation	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	23-04-2018 00:00:00	24-04-2018 00:00:00	2	Within Campus	141	4	0	2	147	Yes	95475
Skills Progression through Rapid Intensive and Innovative Training Workshop for MBA Students on Business Plan	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	20-08-2018 00:00:00	24-08-2018 00:00:00	5	Within Campus	139	8	0	3	150	Yes	176800
Skills Progression through Rapid Intensive and Innovative Training Seminar for Undergradua te Students on Leadership Skills	Entrepreneur ship/Startup	Seminar	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	27-09-2018 00:00:00	29-09-2018 00:00:00	3	Within Campus	79	3	0	1	83	Yes	89850
Skills Progression through Rapid Intensive and Innovative Training Workshop for MBA Students on Digital Transformati on	Innovation	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	25-10-2018 00:00:00	30-10-2018 00:00:00	6	Within Campus	176	13	0	1	190	Yes	159825

Program C	conducted	by Institute	Related to	IPR, Entre	preneursh	ip / Start-u	ps & Innov	ation							
Skills Progression through Rapid Intensive and Innovative Training Workshop for MBA Students on Sales as a Career	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	21-01-2019 00:00:00	24-01-2019 00:00:00	4	Within Campus	176	6	0	3	185	Yes	154025
Skills Progression through Rapid Intensive and Innovative Training Seminar for B.Tech Students	Innovation	Seminar	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	28-01-2019 00:00:00	31-01-2019 00:00:00	4	Within Campus	257	11	0	2	270	Yes	152125
Skills Progression through Rapid Intensive and Innovative Training Workshop for B.Sc and B.Tech Students on Startups	Entrepreneur ship/Startup	Seminar	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	11-03-2019 00:00:00	12-03-2019 00:00:00	2	Within Campus	146	2	0	1	149	Yes	82265
Second Annual IPR Workshop	IPR	Workshop	Institute Lead Activity	Shoolini University Intellectual Property Rights Cell	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	205	49	0	4	258	Yes	48600
Research, Developmen t and others parameters to reach the Global standards in next three years	Innovation	Workshop	Institute Lead Activity	Intellectual Property Rights Cell and Office of Research and Developmen t, Shoolini University	16-03-2019 00:00:00	16-03-2019 00:00:00	1	Within Campus	70	118	0	4	192	Yes	76400
Computer Aided Drug Design	Innovation	Workshop	Institute Lead Activity	Zastra Innovations, Bengaluru and Shoolini University	08-03-2019 00:00:00	08-03-2019 00:00:00	1	Within Campus	76	15	10	0	101	Yes	12020
CodeFest 1.0	Innovation	Hackathon	Student Lead Activity	Cyberoam Lab, Faculty of Engineering and Technology (CSE)	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	155	10	0	0	165	Yes	10100
INSPIRE Science Camp XXXI	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Faculty of Basic Sciences	18-06-2018 00:00:00	22-06-2018 00:00:00	5	Within Campus	0	40	206	30	276	Yes	1100000

Program C	onducted	by mismute	Related to	IFK, Elline	preneursn	ip / Start-u	ps & IIIIIOV	ation							
INSPIRE Science Camp XXXII	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Faculty of Basic Sciences	08-10-2018 00:00:00	12-10-2018 00:00:00	5	Within Campus	0	40	155	28	223	Yes	1007500
INSPIRE Science Camp XXXIII	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Faculty of Basic Sciences	18-12-2018 00:00:00	22-12-2018 00:00:00	5	Within Campus	0	40	104	25	169	Yes	550000
Third National conference on Contemporar y Food Processing and Preservation Technologie s	Innovation	Conference	Institute Lead Activity	Faculty of Applied Sciences and Biotechnolog y	12-04-2018 00:00:00	13-04-2018 00:00:00	2	Within Campus	100	30	165	15	310	Yes	83000
Sustainable Mountain Developmen t Summit VII	Entrepreneur ship/Startup, Innovation	Mentoring Session	Institute Lead Activity	Faculty of Applied Sciences and Biotechnolog y	03-10-2018 00:00:00	05-10-2018 00:00:00	3	Within Campus	100	40	20	20	180	Yes	110000
Workshop on various Automobile oil filters manufacturin g processes	Entrepreneur ship/Startup, Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	05-05-2018 00:00:00	05-05-2018 00:00:00	1	Outside Campus	40	2	0	1	43	Yes	7200
Workshop on manufacturin g of Automobile shock absorbers, struts and front forks	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	08-09-2018 00:00:00	08-09-2018 00:00:00	1	Outside Campus	46	2	0	1	49	Yes	7320
Workshop on CNC machines to the manufacturin g of drill bits and dental burrs	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Outside Campus	26	2	0	1	29	Yes	6920
Workshop on automobile advanced transmission system	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	06-10-2018 00:00:00	06-10-2018 00:00:00	1	Outside Campus	37	2	0	1	40	Yes	7140
Workshop on various processes to manufacture ferrites core	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	15-10-2018 00:00:00	15-10-2018 00:00:00	1	Outside Campus	21	2	0	1	24	Yes	6820
Workshop on various hydraulic turbines	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	29-11-2018 00:00:00	01-12-2018 00:00:00	3	Outside Campus	22	2	0	1	25	Yes	6840

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Workshop on commercial and industrial electrical appliances	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	14-03-2019 00:00:00	14-03-2019 00:00:00	1	Outside Campus	35	2	0	1	38	Yes	7100
Workshop on technique and key points important to construct Hydro Dam.	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	06-09-2018 00:00:00	06-09-2018 00:00:00	1	Outside Campus	38	3	0	1	42	Yes	8050
Workshop on costract Int. Cricket Stadium modern techniques and latest construction material	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	13-09-2018 00:00:00	13-09-2018 00:00:00	1	Outside Campus	51	3	0	1	55	Yes	8675
Workshop on latest techniques to manufacture concrete for commercial purpose	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Outside Campus	30	3	0	1	34	Yes	8150
Workshop on construction of green building with passive heating	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	04-12-2018 00:00:00	04-12-2018 00:00:00	1	Outside Campus	27	3	0	1	31	Yes	8075
Workshop on construction of largest span steel truss for Auditorium	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	16-02-2019 00:00:00	16-02-2019 00:00:00	1	Outside Campus	45	3	0	1	49	Yes	8525
Workshop on the construction of flats by using latest techniques and modern materials	Innovation	Exposure Visit	Institute Lead Activity	Faculty of Engineering and Technology	29-03-2019 00:00:00	29-03-2019 00:00:00	1	Outside Campus	36	3	0	1	40	Yes	8300
Workshop on Observation Skills Enhanceme nt	Innovation	Skill Developmen t	Institute Lead Activity	Faculty of Engineering and Technology	08-09-2018 00:00:00	08-09-2018 00:00:00	1	Within Campus	21	1	0	1	23	Yes	6325

Program C	onducted	by institute	Related to	iPR, Entre	preneursn	ip / Start-u	os & innova	ation							
Workshop on modern manufacturin g for the industry for B.Tech students	Innovation	Skill Developmen t	Institute Lead Activity	Faculty of Engineering and Technology	27-11-2018 00:00:00	27-11-2018 00:00:00	1	Within Campus	18	1	0	1	20	Yes	6250
Workshop on modern manufacturin g for the industry in B.Tech students	Innovation	Skill Developmen t	Institute Lead Activity	Faculty of Engineering and Technology	30-01-2019 00:00:00	30-01-2019 00:00:00	1	Within Campus	18	1	0	1	20	Yes	6250
Workshop on modern manufacturin g for the industry for B.Tech students	Innovation	Skill Developmen t	Institute Lead Activity	Faculty of Engineering and Technology	12-03-2019 00:00:00	12-03-2019 00:00:00	1	Within Campus	19	4	0	2	25	Yes	11580
Workshop on Drug Discovery	Entrepreneur ship/Startup, Innovation	Conference	Institute Lead Activity	Faculty of Pharmaceuti cal Sciences	13-02-2019 00:00:00	13-02-2019 00:00:00	1	Within Campus	110	31	3	0	144	Yes	27000
Workshop on training for SCOPUS, Scival and EBSCO	Innovation	Workshop	Institute Lead Activity	Faculty of Pharmaceuti cal Sciences	10-10-2018 00:00:00	10-10-2018 00:00:00	1	Within Campus	71	18	6	0	95	Yes	15820
Workshop on Pharmacist Your Medicine Expert	Innovation	Workshop	Institute Lead Activity	Faculty of Pharmaceuti cal Sciences	25-09-2018 00:00:00	25-09-2018 00:00:00	1	Within Campus	88	22	6	0	116	Yes	19360
Startup Himachal Pradesh Yatra	Entrepreneur ship/Startup	Start-up Yatra	Institute Lead Activity	Steve Jobs Incubation Cell	15-11-2018 00:00:00	15-11-2018 00:00:00	1	Within Campus	154	5	0	0	159	Yes	7080
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Innovation	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	06-04-2018 00:00:00	07-04-2018 00:00:00	2	Within Campus	181	4	0	1	186	Yes	85665
Skills Progression through Rapid Intensive and Innovative Training workshop for undergradua te students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	12-04-2018 00:00:00	14-04-2018 00:00:00	3	Within Campus	81	4	0	2	87	Yes	105285

Program C	Jonauciea	by msinute	Related to	IPK, EIIIIE	preneursm	ip / Start-u	ps & innova	ation					-		
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	23-04-2018 00:00:00	24-04-2018 00:00:00	2	Within Campus	180	4	0	0	184	Yes	75625
Skills Progression through Rapid Intensive and Innovative Training workshop for undergradua te students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	25-04-2018 00:00:00	26-04-2018 00:00:00	2	Within Campus	148	3	0	0	151	Yes	73345
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech and B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	02-05-2018 00:00:00	03-05-2018 00:00:00	2	Within Campus	150	3	0	0	153	Yes	73425
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	04-05-2018 00:00:00	04-05-2018 00:00:00	1	Within Campus	127	2	0	1	130	Yes	73165
Skills Progression through Rapid Intensive and Innovative Training workshop for MBA students	Innovation	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	07-05-2018 00:00:00	11-05-2018 00:00:00	5	Within Campus	15	10	0	3	28	Yes	170925
Skills Progression through Rapid Intensive and Innovative Training workshop for MBA students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	13-08-2018 00:00:00	17-08-2018 00:00:00	5	Within Campus	176	8	0	3	187	Yes	185425

Program C	Conducted	by Institute	Related to	IPR, Entre	preneursh	ip / Start-up	os & Innova	ation					-		
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	29-08-2018 00:00:00	31-08-2018 00:00:00	3	Within Campus	202	3	0	1	206	Yes	102975
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	07-08-2018 00:00:00	08-08-2018 00:00:00	2	Within Campus	97	3	0	0	100	Yes	72875
Skills Progression through Rapid Intensive and Innovative Training workshop for undergradua te management students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	10-09-2018 00:00:00	12-09-2018 00:00:00	3	Within Campus	123	4	0	3	130	Yes	134850
Skills Progression through Rapid Intensive and Innovative Training workshop for B. Pharmacy and B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	15-10-2018 00:00:00	17-10-2018 00:00:00	3	Within Campus	132	8	0	1	141	Yes	106725
Skills Progression through Rapid Intensive and Innovative Training workshop for MBA students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	12-11-2018 00:00:00	17-11-2018 00:00:00	6	Within Campus	139	6	0	3	148	Yes	214875
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	21-11-2018 00:00:00	23-11-2018 00:00:00	3	Within Campus	256	9	0	3	268	Yes	149985

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Skills Progression through Rapid Intensive and Innovative Training workshop for B.Pharmacy students	Innovation	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	26-11-2018 00:00:00	27-11-2018 00:00:00	2	Within Campus	100	6	0	0	106	Yes	74425
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	28-11-2018 00:00:00	28-11-2018 00:00:00	1	Within Campus	263	3	0	0	266	Yes	71185
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	03-12-2018 00:00:00	04-12-2018 00:00:00	2	Within Campus	202	4	0	0	206	Yes	76505
Skills Progression through Rapid Intensive and Innovative Training workshop for undergradua te management students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	05-12-2018 00:00:00	06-12-2018 00:00:00	2	Within Campus	188	4	0	1	193	Yes	87945
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	07-12-2018 00:00:00	08-12-2018 00:00:00	2	Within Campus	202	4	0	0	206	Yes	76505
Skills Progression through Rapid Intensive and Innovative Training workshop for M.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	19-02-2019 00:00:00	20-02-2019 00:00:00	2	Within Campus	234	3	0	1	238	Yes	88785

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Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	21-02-2018 00:00:00	22-02-2018 00:00:00	2	Within Campus	257	4	0	1	262	Yes	91275
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech and B.Sc students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	11-03-2019 00:00:00	12-03-2019 00:00:00	2	Within Campus	146	4	0	1	151	Yes	85725
Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Dean Student Welfare (SPRINT Team)	14-03-2019 00:00:00	15-03-2019 00:00:00	2	Within Campus	126	4	0	1	131	Yes	84725

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Rec ognitions/Ac hievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent spent expenses either from own resource/rec eived fund towards sending delegation to participate/re present the program/acti vity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Asia Pacific Economic Cooperation - Disaster Risk Deduction Program	Innovation	International Conference	Asia Pacific Economic Cooperation	International Agencies	25-09-2018 00:00:00	26-09-2018 00:00:00	2	0	1	1	Yes	Best Climate Change Speaker	APEC Honorary Member	Yes	500000
International Capacity Developmen t Program of Beijing Normal University	Innovation	Exposure Visit	Beijing Normal University	Educational Institute	01-03-2019 00:00:00	21-03-2019 00:00:00	21	0	1	1	Yes	Best Coordinator for Capacity Developmen t in Himalayan Region	International Capacity Developmen t Program	No	

Solar and Smart energy systems for sustainable environment	Innovation	Workshop	Eternal University, Baru Sahib, H.P.	Educational Institute	06-05-2018 00:00:00	07-05-2018 00:00:00	2	70	2	72	No			Yes	4000
National conference on Climate Change, Societal Consequenc es and Mitigation - Future Vision	Innovation	Conference	Central University of Jammu	Educational Institute	26-05-2018 00:00:00	27-05-2018 00:00:00	2	4	1	5	No	-	1	Yes	12000
Sand to PV Systems - Materails, Devices, Measuremen ts and testing	Innovation	Workshop	CSIR NPL, New Delhi	Govt. Agency (Central)	14-01-2019 00:00:00	08-02-2019 00:00:00	26	4	0	4	No			Yes	5000
Ram Chand Paul National Symposium on Chemistry for Future	Innovation	Conference	Punjab University, Chandigarh	Educational Institute	01-03-2019 00:00:00	02-03-2019 00:00:00	2	2	1	3	No			Yes	2500
Emerging Scenarios and Future Challenges - Oral Presentation	Innovation	Conference	Himachal Pradesh Council for Science Technology and Environment (HIMCOSTE	Govt. Agency (State)	08-09-2018 00:00:00	09-09-2018 00:00:00	2	10	5	15	Yes	Best Poster Award	Bitter gard extract - an environment ally pest control agent for repelling fruit flies	Yes	2000
Investigating the origin of bitter taste - Oral presentation at Understandi ng Behaviour	Innovation	Conference	IISER Kolkata	Educational Institute	11-01-2019 00:00:00	13-01-2019 00:00:00	3	0	1	1	No			Yes	10000
National Workshop on Recent Trends in Taxonomy organized by Zoological Survey of India	Innovation	Workshop	Zoological Survey of India, Dehradun	Govt. Agency (Central)	11-01-2019 00:00:00	13-01-2019 00:00:00	3	0	2	2	No			Yes	3000

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59th Annual Conference of Association of Microbiologis ts of India and International Symposium on Host Pathogen Interaction	Innovation	Conference	Central University, Haryana	Educational Institute	09-11-2018 00:00:00	11-11-2018 00:00:00	3	0	1	1	No			Yes	3000
AMI-ISME Pre- conference workshop on Hands on to Computation al Biology for (Meta) Genomic Analysis	Innovation	Workshop	University of Hyderabad, Telangana	Educational Institute	12-11-2018 00:00:00	13-11-2018 00:00:00	2	0	1	1	No			Yes	23500
AMI-ISME Mini- Workshop on Art of Publication and Communicati on	Innovation	Workshop	University of Hyderabad, Telangana	Educational Institute	12-11-2018 00:00:00	13-11-2018 00:00:00	2	0	1	1	No			Yes	10000
Technical Live Project Exhibition	Innovation	Innovation Contest	Chandigarh Group of Colleges, Landran, Chandigarh	Educational Institute	15-11-2018 00:00:00	16-11-2018 00:00:00	2	2	0	2	Yes	First Prize	Model on Advanced Polyhouse Structure	Yes	2500
Society of Toxicology Annual Conference	Innovation	Workshop	Society of toxicology, USA	International Agencies	10-03-2019 00:00:00	14-03-2019 00:00:00	5	0	1	1	No			No	
Health Care Financing in India	Entrepreneur ship/Startup	Workshop	National Institute of Pharmaceuti cal and Research (NIPER), Mohali	Educational Institute	10-05-2018 00:00:00	10-05-2018 00:00:00	1	0	1	1	No			Yes	2200
Special Focus on Women Entrepreneur s	Entrepreneur ship/Startup	Workshop	Bahra University Hills, Solan	Educational Institute	22-02-2019 00:00:00	22-02-2019 00:00:00	1	0	2	2	No			Yes	1000
Pharmacolo gy for future towards translational approach for next generation pharmacolog ist	Entrepreneur ship/Startup	Conference	Maharaja Agarsen University, Baddi, Solan	Educational Institute	04-10-2018 00:00:00	06-10-2018 00:00:00	3	0	1	1	No			Yes	1500

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Waters food safety sample preparation workshop	Innovation	Workshop	Waters Pvt. Ltd., Chandigarh	Corporate / Industry Association	19-06-2018 00:00:00	19-06-2018 00:00:00	1	0	1	1	No	 	Yes	2000
Commerciali zation of medicinal plant products - Lab techniques to trade	Entrepreneur ship/Startup	Workshop	School of Pharmaceuti cal Sciences, Lovely Professional University	Educational Institute	14-04-2018 00:00:00	14-04-2018 00:00:00	1	0	1	1	No	 	Yes	3000
Streamlining Drug Design and Discovery	Innovation	International Symposium	The Metropolitan Hotel, New Delhi, India	Corporate / Industry Association	30-06-2019 00:00:00	30-06-2019 00:00:00	1	0	1	1	No	 	Yes	5000
Role of Ethnomedici ne in Health Sciences	Innovation	Conference	ITM University, Gwalior, India	Educational Institute	29-03-2019 00:00:00	30-03-2019 00:00:00	2	0	1	1	No	 -	Yes	10000
National Conference on Advanced Bioanalytical Techniques	Innovation	Conference	ISF College of Pharmacy, Moga, Punjab	Educational Institute	24-12-2018 00:00:00	24-12-2018 00:00:00	1	0	1	1	No	 	Yes	6000
Strategic Planning and SWOT Analysis of Technical Institutions through ICT	Innovation	Workshop	NITTIR, Chandigarh	Educational Institute	23-07-2018 00:00:00	27-07-2018 00:00:00	5	0	1	1	No	 	Yes	2000
Continuing Education Program (CEP) On Emerging Trends in Pharmaceuti cal Education and Research	Innovation	Training	ISF College of Pharmacy, Moga, Punjab	Educational Institute	20-12-2018 00:00:00	22-12-2018 00:00:00	3	0	1	1	No	 -	Yes	6000
Funding Opportunitie s for Research, Innovation and Career Developmen t	Entrepreneur ship/Startup	Workshop	ISF College of Pharmacy, Moga, Punjab	Educational Institute	22-07-2018 00:00:00	22-07-2018 00:00:00	1	0	1	1	No	 	Yes	5500
BLS-ACLS and recent trends in Health Economics and Outcomes Research	Innovation	Workshop	ISF College of Pharmacy, Moga, Punjab	Educational Institute	11-08-2018 00:00:00	11-08-2018 00:00:00	1	0	1	1	No	 	Yes	6800

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Informatics tools in drug discovery and drug delivery	Innovation	Workshop	Department of Science and Technology, Science and Engineering Research Board (DST- SERB) and Pharmacy Council of India	Govt. Agency (Central)	01-11-2018 00:00:00	04-11-2018 00:00:00	4	0	1	1	No	1	1	Yes	6200
18th World Congress of Basic and Clinical Pharmacolo gy (WCP 2018)	Innovation	Training	IUBHAR and Japanese Pharmacolo gical Society	Educational Institute	01-07-2018 00:00:00	06-07-2018 00:00:00	6	0	1	1	No			Yes	15000
Post-fire management in the pine forests of Indian Himalayan Region by studying, conserving and distributing culturable microbial biota to increase ecological succession and to revive forest productivity	Innovation	Conference	National Mission on Himalayan Studies (NMHS), Uttrakhand	Govt. Agency (Central)	02-02-2019 00:00:00	07-02-2019 00:00:00	6	0	1	1	No			No	
Himalayan University Consortium Annual Meeting 2018	Entrepreneur ship/Startup	International Conference	ICIMOD, Nepal	International Agencies	30-10-2018 00:00:00	31-10-2018 00:00:00	2	0	2	2	No			Yes	105000
National Conference on Role of Pharmacists in Academia and Research	Entrepreneur ship/Startup	Conference	Chandigarh Group of Pharmacy, Landran, Mohali	Educational Institute	24-10-2018 00:00:00	25-10-2018 00:00:00	2	2	1	3	No			Yes	2500
International Conference on New Horizons in Green Chemistry and Technology	Innovation	Conference	Uttaranchal College of Applied and Life Science, Uttaranchal University	Educational Institute	27-11-2018 00:00:00	28-11-2018 00:00:00	2	5	1	6	No			Yes	8500

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National Conference on REMI based production of biocontrol agents of R. necatrix causing white root rot on apple	Innovation	Conference	Indian Institute of Integrative Medicine (IIIM), Jammu	Govt. Agency (Central)	13-09-2018 00:00:00	14-09-2018 00:00:00	2	0	2	2	No			Yes	11000
International conference of pharmacolog y and drug discovery	Innovation	Conference	Maharaja Agrasen University, Baddi	Educational Institute	05-10-2018 00:00:00	06-10-2018 00:00:00	2	2	1	3	No			Yes	1800
New development s in drug discovery from natural products and traditional medicines	Entrepreneur ship/Startup	Conference	National Institute of Pharmaceuti cal Education and Research (NIPER), Mohali	Educational Institute	15-11-2018 00:00:00	17-11-2018 00:00:00	3	2	1	3	No			Yes	2500
Tuberculosis CME cum Workshop	Innovation	Workshop	Postgraduat e Institute of Medical Education and Research (PGIMER), Chandigarh	Educational Institute	06-04-2018 00:00:00	07-04-2018 00:00:00	2	3	1	4	No			Yes	2500
International conference on Science and Technology - Trends and challenges	Innovation	Conference	Gujranwala Khalsa College, Ludhiana	Educational Institute	16-04-2018 00:00:00	17-04-2018 00:00:00	2	3	1	4	No			Yes	3000
Introduction of Flow Management System	Innovation	Skill Developmen t	Cosmo Ferrites, Jabli	Corporate / Industry Association	13-03-2019 00:00:00	13-03-2019 00:00:00	1	19	4	23	No			Yes	1800
Innovation in Agriculture - Startup India	Entrepreneur ship/Startup	Start-up	IIT Mandi	Educational Institute	28-11-2018 00:00:00	30-11-2018 00:00:00	3	8	0	8	Yes	Third Prize	Innovation in Agriculture	Yes	3000
International Conference on Science - Emerging Scenario and Future Challenges	Innovation	Conference	Him Science Congress Association	Non-Govt. Agencies	08-09-2018 00:00:00	09-09-2018 00:00:00	2	10	5	15	Yes	Best Poster Award	Broad spectrum bio-enhancer of antibiotics against bacterial and fungal pathogens	Yes	2200

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Next Generation Pteridology - The Indian Perspective	Innovation	Conference	The Indian Fern Society In collaboration with Dr. Bhupendra Nath Dutta Smriti Mahavidyala ya, Burdwan (W. Bengal. India)	Non-Govt. Agencies	08-03-2019 00:00:00	10-03-2019 00:00:00	3	0	2	2	Yes	Gold Medal	Isolation, Identification and Molecular Characteriza tion of an endophytic fungi from Ampelopteris prolifera	No	
1st National Biomedical Research Competition	IPR	Competition	All India Institute of Medical Sciences (AIIMS), Rishikesh	Govt. Agency (Central)	15-10-2018 00:00:00	15-10-2018 00:00:00	1	4	0	4	Yes	9th Position	Phytocompo unds of Traditional Himalayan Medicinal Plants as Bio- enhancers of Antibiotics	Yes	11000
Entrepreneur ship Conclave	Entrepreneur ship/Startup	Start-up Conclave	TIE Delhi NCR and Startup Himachal	Govt. Agency (Central)	15-03-2019 00:00:00	15-03-2019 00:00:00	1	6	2	8	No			Yes	10000
Startup Himachal Pradesh Yatra	Entrepreneur ship/Startup	Start-up Yatra	Ministry of Commerce and Industry, GOI (at Chitkara University, Baddi)	Govt. Agency (Central)	17-11-2018 00:00:00	17-11-2018 00:00:00	1	13	1	14	No			Yes	10000
Startup Himachal Pradesh Yatra	Entrepreneur ship/Startup	Start-up Yatra	Ministry of Commerce and Industry (at IIT Mandi)	Govt. Agency (Central)	28-11-2018 00:00:00	30-11-2018 00:00:00	3	6	1	7	Yes	Third Prize	Solar dryer for vegetables or fruits	Yes	25000
6th Higher Education Technology Conference 2018	Innovation	Conference	EdTechRevi ew	Corporate / Industry Association	21-06-2018 00:00:00	21-06-2018 00:00:00	1	0	1	1	No			Yes	8000
Confederatio n of Indian Industry Education Summit	Innovation	Exposure Visit	Confederatio n of Indian Industry	Non-Govt. Agencies	29-06-2018 00:00:00	29-06-2018 00:00:00	1	0	1	1	No			Yes	7000
12th World Education Summit 2018	Innovation	Exposure Visit	Elets Technomedi a	Non-Govt. Agencies	09-08-2018 00:00:00	09-08-2018 00:00:00	1	0	1	1	No			Yes	9000
The International Education and Skill Summit	Innovation	Exposure Visit	Elets Technomedi a	Non-Govt. Agencies	04-10-2018 00:00:00	06-10-2018 00:00:00	3	0	1	1	No			Yes	9500
13th World Education Summit 2018	Innovation	Exposure Visit	Elets Technomedi a	Non-Govt. Agencies	07-12-2018 00:00:00	08-12-2018 00:00:00	2	0	1	1	No			Yes	6500

Education Tour for PGDBM Students (first hand exposure and learning of innovative, cooperate and practices in the sector)	Innovation	Exposure Visit	Chandigarh	Non-Govt. Agencies	12-09-2018 00:00:00	12-09-2018 00:00:00	1	58	2	60	No			Yes	10000
Fourth International Course on Agricultural Policy and Rural Developmen t	Innovation	Training	Institute of Agricultural Research and Trainingh Turkey and Ministry of Agriculture and Forestry, Turkey	International Agencies	24-09-2018 00:00:00	28-09-2018 00:00:00	5	0	1	1	Yes	Selection to participate in International Course on Agricultural Policy and Rural Developmen t	Participation in International Course on Agricultural Policy and Rural Developmen t	Yes	10000
Fabulous Confabulatio ns	Entrepreneur ship/Startup	Motivational Speak	Vibrant Networking Forum	Corporate / Industry Association	29-09-2018 00:00:00	29-09-2018 00:00:00	1	0	2	2	No			Yes	3000

#### Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Robotics and Automation	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	47	42	90
SPRINT	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	2425	2330	60
Business Analytics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-04-2019 00:00:00	01-06-2019 00:00:00	62	Offline	176	145	30
Computer Programming	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	490	470	90
Developing Patents	IPR	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	40	37	90
Artifical Intelligence	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	66	59	90
Python	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	15-12-2018 00:00:00	137	Offline	54	48	45
Industrial Waste Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	15-01-2019 00:00:00	30-05-2019 00:00:00	136	Offline	20	18	45
Management of Investment (AMFI)	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-04-2019 00:00:00	01-06-2019 00:00:00	62	Offline	176	145	30
Food Processing Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	15-12-2018 00:00:00	137	Offline	31	31	45

Himalyan Biodiversity	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	130	121	90
Spirituality and Meditation	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	131	115	90
Functional Foods	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	15-12-2018 00:00:00	137	Online	28	25	45
Yoga for Daily Life	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	134	128	90
Network Marketing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	30-05-2019 00:00:00	303	Offline	95	84	90
IPR Biosaftey and Bio Ethics	IPR	Elective/Core Credit Course	Credit Course (Elective)	15-01-2019 00:00:00	30-05-2019 00:00:00	136	Offline	32	32	45
Digital and Social Media	Innovation	Elective/Core Credit Course	Credit Course (Elective)	01-04-2019 00:00:00	01-06-2019 00:00:00	62	Offline	17	17	90
Food Packaging Technology	Innovation	Elective/Core Credit Course	Credit Course (Elective)	15-01-2019 00:00:00	30-05-2019 00:00:00	136	Offline	68	64	45
Business Organization and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	01-08-2018 00:00:00	15-12-2018 00:00:00	137	Offline	95	91	90

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
Centre of Organic Chemistry	Pre-Incubation Centre	2014	F 208	Facility Incharge Name Dr. Neeraj Gupta  Facility Incharge Email Pacility Incharge Phone Dr. Neeraj Gupta  neeraj.gu pta@sho oliniunive rsity.com  70184145 63	1097.61 Sq. Ft.	Yes  Annual Capital 98500 Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Centre of Food Processing	Pre-Incubation Centre	2015	E 002	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Dinesh war and shood oliniunive rity.com  98163218 55	1232.82 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

Laboratory of Gene regulation	Pre-Incubation Centre	2011	A 403	Facility Incharge Name Prof. Adesh K Saini  Facility Incharge Email Adeshsai ni@shooli niuniversi ty.com  Facility Incharge Phone 89882052  89882052	786.64 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Mycology Centre	Pre-Incubation Centre	2015	A 306	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Astha Tripathi  asthatripa thi@shool iniuniversi ty.com  98177554 02	330 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Photocatalysis Centre	Pre–Incubation Centre	2016	A 103	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Pankaj Raizada  Pankajrai zada@sh ooliniuniv ersity.co m  94182350 23	878.72 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Central Instrumentation Facility	Pre-Incubation Centre	2015	D 104	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Navneet Upadhya  nkupadhy ay @shool iniuniversi ty.com  98055813  71	583 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

Molecular Plant Microbe Interaction Centre	Pre–Incubation Centre	2012	B 301	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone	713.30 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Hydraulics Machine and Solar Energy Centre	Pre–Incubation Centre	2013	H 101	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Raj Kumar and Prof. Bhaskar Goel  bhaskarg oel@sho oliniunive rsity.com  94162649 81	1010.60 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Machine and Welding Workshop	Pre–Incubation Centre	2010	E 001	Facility Incharge Name  Pathania  Bracility Incharge Email  Facility Incharge Email  Facility Incharge Email  Bracility Incharge Enhone  Dr. Abhilash Pathania  abhilashp athania@ shooliniu niversity.com  80913300 01	1526.65 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Enzyme Technology Lab	Pre–Incubation Centre	2014	B 305	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Amit Seth  @shoolini university .com  94590371  97	829.82 Sq. Ft.	Yes  Annual Capital Page 198000  Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

Fruit and Vegetable Technology Lab	Pre–Incubation Centre	2013	E 304	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Somesh someshs harma@s hooliniuni versity.co m  70181715 25	868.48 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  718906.66  Annual Operational Expenditure (In Rupees)	No
Botany Lab	Pre-Incubation Centre	2011	A 203	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Rachna Verma  rachnaver ma@sho oliniunive rsity.com  98162915 43	713.12 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Bio-engineering Lab	Pre–Incubation Centre	2012	E 401	Facility Incharge Name  Pacility Incharge Facility Incharge Email  Facility Incharge Facility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Dr. Rupak Rupak Pupak Pupa	864 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Bio-engineering lab	Pre–Incubation Centre	2012	E 306	Facility Incharge Name  Pankaj Chauhan  Facility Incharge Email  Facility Incharge Phone  Pankaj Chauhan  pankajch auhan@s hooliniuni versity.co m  97369570 22	868.48 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  526906.66  Annual Operational Expenditure (In Rupees)	No

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Biosensor Technology Lab	Pre–Incubation Centre	2015	B 303	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone	793.12 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Plant tissue culture lab	Pre–Incubation Centre	2012	B 202	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Chandrika Seth@shooliniuniv ersity.co mm	218.61 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  256906.66  Annual Operational Expenditure (In Rupees)	No
Yeast Biology lab	Pre-Incubation Centre	2012	B 206	Facility Incharge Name  Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Anuradha Souriraja n and Dr. Kamal Dev  anuradha @ shoolini university .com  98056455 34	500.06 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Plant Physiology Laboratory	Pre-Incubation Centre	2010	A 104	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Rachna Rachna Verma  rachnaver ma@sho oliniunive rsity.com  98162915 43	456.5 Sq. Ft.	Yes  Annual Capital 89000 Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

High Energy Lab	Pre–Incubation Centre	2011	F 303	Facility Incharge Name Sharma  Facility Incharge Email Facility Incharge Phone  Pacility Incharge Sacility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Pracility Rajesh Sharma Pracility Incharge Phone	427.24 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Environmental and Analytical Chemistry Lab	Pre-Incubation Centre	2014	F 107	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Neeraj Gupta  neeraj.gupta@shooliniunive rsity.com  70184145 63	431.14 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Animal Tissue Culture	Pre-Incubation Centre	2012	B 203	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Pacility Incharge Phone  Precent Reena Saini  reenasain i@shoolin iuniversity com  88945682  44	1245.17 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
FIST Sponsored Proteomics Lab	Pre-Incubation Centre	2017	B 306	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Kamal Dev  & amaldev  @ shoolini university .com  94186539 05	370.19 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

IPR Cell	Pre–Incubation Centre	2016	B Block	Facility Incharge Name Saini  Facility Incharge Email Pacility Incharge Email Response Saini  Facility Incharge Phone Properties Pro	72.96 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Center of Excellence in Automobile Engineering	Pre–Incubation Centre	2016	F 405	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Abhilash Pathania  abhilashp athania ® shooliniu niversity.c om  80913300 01	876.03 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Pharmaceutical Product Development Lab	Pre-Incubation Centre	2016	D 207	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone	848.58 Sq. Ft.	Annual Capital Sependiture (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Food Testing Laboratory	Pre-Incubation Centre	2017	E 404	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Dinesh war and shool oliniunive rity.com  98163218  55	1311.66 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

Tinkering Lab	Pre–Incubation Centre	2017	F 402	Facility Incharge Name  Pathania  Facility Incharge Email  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pathania  Abhilashp athania ® shooliniu niversity.c om  80913300 01	1051.97 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  786906.66  Annual Operational Expenditure (In Rupees)	No
Regional Center of Excellance of VLCI (Visionary Learning Community of India)	Pre-Incubation Centre	2017	G 701	Facility Incharge Name  Pathania  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pathania@  abhilashp athania@  shooliniu niversity.c om  80913300 01	735.42 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Centre of Nanotechnology	Pre-Incubation Centre	2015	F 303	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Pankaj Pankaj Pankajtha kur@sho oliniunive rsity.com  70185032 74	488.06 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Molecular Immuno Parasitology Lab	Pre-Incubation Centre	2012	B 201	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Azhar Khan azharkha n@shooli niuniversi ty.com  94592697  94592697	715.15 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

Cyberoam Lab	Pre–Incubation Centre	2015	E 203	Facility Incharge Name Pankaj Vaidya  Facility Incharge Email Pacility Incharge Email Pacility Incharge Phone  Facility Incharge Phone  Mr. Pankaj Va idya @sho oliniunive rsity.com  70185042 31	852.66 Sq. Ft.	Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Himalayan Centre of Research and Sustainable Development	Pre–Incubation Centre	2015	A 403	Facility Incharge Name Prof. Adesh K Saini  Facility Incharge Email adeshsai ni@shooli niuniversi ty.com  Facility Incharge Phone 89882052	1560 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Center for Omics and Biodiversity Research	Pre–Incubation Centre	2016	B 206	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Pacility Incharge Phone  Dr. Kamal Dev  samaldev  @shoolini university .com  88946047	1730 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No
Steve Jobs Incubation Cell	Incubation Unit	2017	G 701	Facility Incharge Name  Facility Incharge Email  Facility Incharge Email  Facility Incharge Phone  Dr. Kamal Kant Vashisth  kamalkan t@shoolin iuniversity .com  93185169 46	1000 Sq. Ft.	Yes  Annual Capital Expenditure (In Rupees)  Annual Operational Expenditure (In Rupees)	No

# Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre- Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
High Energy Lab	Funding Agency	Department of Science and Technology (DST)	Govt. Agency (Central)	Yes	1596238

#### Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Environmental and Analytical Chemistry Lab	Funding Agency	Himachal Pradesh Council for Science Technology and Environment (HIMCOSTE)	Govt. Agency (State)	Yes	300000
Hydraulics Machine and Solar Energy Centre	Funding Agency	Himachal Pradesh Council for Science Technology and Environment (HIMCOSTE)	Govt. Agency (State)	Yes	325000
Laboratory of Gene regulation	Funding Agency	National Mission on Himalayan Studies (NMHS)	Govt. Agency (Central)	Yes	1010294
Molecular Plant Microbe Interaction Centre	Funding Agency	National Mission on Himalayan Studies (NMHS)	Govt. Agency (Central)	Yes	1199616
Plant Physiology Laboratory	Funding Agency	National Mission on Himalayan Studies (NMHS)	Govt. Agency (Central)	Yes	2114000
Biosensor Technology Lab	Funding Agency	Department of Science and Technology (DST)	Govt. Agency (Central)	Yes	1123000
Animal Tissue Culture	Funding Agency	Department of Biotechnology (DBT)	Govt. Agency (Central)	Yes	450000
Fruit and Vegetable Technology Lab	Funding Agency	Himachal Pradesh Council for Science Technology and Environment (HIMCOSTE)	Govt. Agency (State)	Yes	285000
Molecular Plant Microbe Interaction Centre	Funding Agency	MICROALGAE DEVELOPMENT ENERGY INDIA PVT. LTD.	Corporate / Industry Association	Yes	288000
Centre of Nanotechnology	Funding Agency	Defence Research and Development Organisation (DRDO)	Govt. Agency (Central)	Yes	39054
Himalayan Centre of Research and Sustainable Development	Funding Agency	Science and Engineering Research Board, Department of Science and Technology (DST)	Govt. Agency (Central)	Yes	275000
Center for Omics and Biodiversity Research	Funding Agency	Ministry of Ayush	Govt. Agency (Central)	Yes	2000000

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Novel peptide sequence for developing diagnostic agents for malaria detection	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent Patent Applica tion No  IP / Patented Technology  Yes DEL/2015	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	funding from  Innovation Developed by	Year of Innovation / Project Started	Type of Innovation  Year of Patent Application	Current Status Pre- Incubation/Incubati on Support Received	Current Stat Innovation, S of TRL it h reached	p Find res tus of re Stage aged has of Se d Sup I I D durir	Centre/institute rovided any ancial support (either own ource or fund accived from encies) in terms sed Grant/Fund opport to Idea / Prototype / nnovations evelopment g the financial riod 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?	
	Principal Inn	ovator										
	Umar Farooq	Name		Type	Male	Gender	ufa	En trooq8@gmail.c	mail	9877236732	ontact	
	Co-Innovator Co-Innovator											
		Name		Туре		Gender		Eı	mail	Co	ontact	
	Nazam Khan			Student	Male		naz	zamkhan@sho	oliniuniversity.co	m 9877236732		
	Shakti Pal Singh Ch	nauhan		Student	Fem	ale	sha	aktipal@shoolir	niuniversity.com	9877236732		
Compound for enhancing activity of antibiotic compositions and overcoming drug resistance	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent 1229/ DEL/ 2015 PCT/I N201 6/000 115  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applieresearch. Firs laboratory tes completed; pr concept.	st sts		No	No	
	Principal Inn	ovator										
		Name		Туре		Gender		Eı	mail	Co	ontact	
	Umar Farooq			Faculty	Male	)	ufa	ırooq8@gmail.d	com	9877236732		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator									
		Name		Туре		Gender		Email	С	ontact
	Tanuja Rana			Student	Fem	ale	tanujarana	@shooliniuniversity.com	9877236732	
Novel peptide sequences or developing anti-malaria raccines and therapeutic compositions.	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Umar Farooq			Faculty	Male		ufaaroq8@	gmail.com	9877236732	
	Co-Innovator	•								
		Name		Туре		Gender		Email	С	ontact
	Nazam Khan			Student	Fem	ale	nazamkha	n@shooliniuniversity.cor	n 9877236732	

#### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2015 No No Centre of TRL 3: Applied Faculty Completed and TRL 4: Small scale No Nanocomposite for removal IP / Patented Ready for of dve based water research. First prototype built in a Nanotechnology Technology Commercialization/I pollutants laboratory tests laboratory completed; proof of ncubati environment ("ugly" concept. prototype). Applie d for Yes Patent 1537/ DEL/ Patent Applica tion No 2015 Year of 2015 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Deepak Pathania Faculty Male deepakpathania@shooliniuniversity. 9805440648 com Co-Innovator Type Gender Email Contact Name Rishu Katwal Faculty Male rishukatwal@shooliniuniversity.com 9805440648 TRL 3: Applied Novel nanographene based Photocatalysis Faculty and 2015 Completed and TRL 3: Applied No No No IP / Patented composite for water research. First Student Ready for research. First Centre Technology treatment application and laboratory tests Commercialization/I laboratory tests method of synthesis completed; proof of ncubati completed; proof of concept. concept. thereof. Applie d for Yes Patent 1819/ Patent DEL/ **Applica** tion No 2015 2015 Year of Patent Applica

tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubation n support at your Pre- incubation/incubation n or institute during the financial period 2018-19	income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the
	Principal Inn			T		Conde			E11		S
	Pradeep Singh	Name		Faculty	Male	Gender		pradeepsii m	Email ngh@shooliniuniversity.c		Contact
	Co-Innovator	r									
	Name Pankaj Raizada			Туре		Gender			Email	(	Contact
				Faculty	Fem	ale		pankajraiz m	ada@shooliniuniversity.o	9418235023	
	Pooja Shandilya			Faculty	Fem	ale		poojashan om	dilya@shooliniuniversity	.c 8894008485	
Novel microbe producing xylanase and method of enzyme production thereof.	Enzyme Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	prototype	nent ("ugly"	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  68000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Amit Seth			Faculty	Male			amitseth@	shooliniuniversity.com	9459037197	

Idea / Prototype / Ini	novation have i	eceived Grant /	funding from l	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ation	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TF	t Status of ion, Stage LL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	c	ontact
	Shweta Chauhan			Student		Fema	Female			shwetachauhan@shooliniuniversity.c		
	Chandrika Attri Seth	Chandrika Attri Seth  Varun Jaiswal		Faculty		Fema	Female ch			chandrikaseth@shooliniuniversity.co m		
	Varun Jaiswal					Male			varunjaiswal@shooliniuniversity.com		m 9736490104	
Chitosan-g-poly(acrylamide)or copper nanocomposite for controlled drug delivery	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patente Technology  Applie d for Patent  Patent Applica tion No 20  Year of Patent Applica tion	75/ EL/ 15	Completed but No Further Action Taken	TRL 3 : research laborato complete concept.	ry tests ed; proof of	No	No	No
	Principal Inn	ovator										
		Name		Туре		Gender			Email		C	Contact
	Deepak Pathania			Faculty		Male			dpatthania7	74@gmail.com	7006437452	
	Co-Innovator	•										
		Name		Туре		Gender				Email	C	Contact
	Divya Gupta			Student		Fema	ale		divyagupta	@shooliniuniversity.com	7006437452	

Idea / Prototype / In	ilovation nave i	CCCIVCA GIAIIL7	rananig ironi i	10 modeation,	mousanom oc	iiiio / i aoiiiiioo				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	ge agencies) in terms	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Nanocomposite for antimicrobial treatment of drinking water	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proo concept.	No	No	No
1										
	Principal Inn	ovator								
	Principal Inn  Deepak Pathania	<b>OVATOR</b> Name		Type	Ма	Gender	dpath	Email ania74@gmail.com	7006437452	ontact
		Name			Ма		dpath			ontact
	Deepak Pathania	Name			Ма		dpath		7006437452	ontact
	Deepak Pathania	Name		Faculty	Ma Ma	le Gender		ania74@gmail.com	7006437452	
	Deepak Pathania	Name		Faculty		Gender le	rishuk	ania74@gmail.com Email	7006437452  Com 7006437452	

Idea / Prototype / Inno	ovation have re	eceived Grant /	funding from I	Pre-Incubation /	Incubation (	Centre / F	acilities						
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovati	Incuba	t Status Pre- tion/Incubati Support eceived	Innovat of TR	t Status of ion, Stage tL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?	
	Principal Inno	ovator											
		Name		Туре			Gender			Email	Co	ontact	
	Afroze Alam			Faculty	1	Male			afrozephar	ma@gmail.com	7018196843		
	Co-Innovator												
		Name		Type Faculty		Gender Male			Email kldhar@shooliniuniversity.com		Co	ontact	
	K.L. Dhar										7018196843	7018196843	
	Centre of Organic Chemistry	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Ready Comme ncubati	ercialization/I	TRL 3 : A research laborator complete concept.	. First	No	No	No	
	Principal Inno	ovator											
		Name		Туре		Gender			Email		Co	ontact	
	Kalpana Chauhan			Faculty		Female			kalpanacha com	auhan@shooliniuniversit	y. 7018812424		
	Co-Innovator												
		Name		Туре		Gender			Email		C	ontact	
	Bhawana Kumari			Student		Female			bhawanakumari@shooliniuniversity.c om		.c 7018812424	7018812424	

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Idea / Prototype / In	novation have i	received Grant /	funding from F	Pre-Incubation /	Incubation Cer	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Improved persimmon wine with enhanced antioxidant activity and standardized method of production	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Somesh Sharma			Faculty	Mal	9	someshsh om	arma@shooliniuniversit	y.c 9418023062	
	Co-Innovator	r								
		Name		Туре		Gender		Email	C	ontact
	Kiran Mahant			Student	Fem	ale	kiranmaha	nt@shooliniuniversity.co	om 9418023062	
Microbially produced antifreeze protein(s) and method of production	FIST Sponsored Proteomics Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No DEL/ 2015  Year of Patent Patent	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TRL	Status of on, Stage _ it has ched	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incuban support and the services offered Incubation/incuban or institute durint the financial perice 2018-19?	
	Principal Inn	ovator										
	Name Kamal Dev			Type Faculty N		Gender		Email kamaldev@shooliniuniversity.com		9418653905	ontact	
	Co-Innovator	•										
		Name		Type Faculty Student		Gender		Email		С	ontact	
	Anuradha Souriraja	n				male		anuradha@	shooliniuniversity.com	9805645534		
	Ranjana Suman					male		ranjanasur m	nan@shooliniuniversity.	9418653905	9418653905	
NOVEL ANTI-MALARIAL PEPTIDE FROM PLASMODIUM FALCIPARUM	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Ayresearch. laboratory completed concept.	First	No	No	No	
	Principal Inn	ovator										
		Name		Туре		Gender		Email		С	ontact	
	Umar Farooq			Faculty	М	ale		ufaaroq8@	gmail.com	9877236732		
	Co-Innovator	r										
		Name		Туре		Gender			Email	С	ontact	
	Shakti Pal Chauhar	1		Student	М	ale		shaktipal@	shooliniuniversity.com	9877236732		
	Nazam Khan			Student	Fe	male		nazamkha	n@shooliniuniversity.com	n 9877236732	9877236732	

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of during the period of Name of Idea / POC / received from Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2015 No No No Molecular Immuno TRL 3: Applied Faculty and Completed but No TRL 3: Applied Novel peptide sequences IP / Patented from the parasite Parasitology Lab research. First Student Further Action research. First Technology Echinococcusgranulosus laboratory tests Taken laboratory tests completed; proof of completed; proof of for producing anti- cystic echinococcosis vaccine concept. concept. Applie d for Yes Patent 4116/ Patent Applica tion No DEL/ 2015 Year of 2015 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Umar Faroog Faculty ufaaroq8@gmail.com 9877236732 Co-Innovator Gender Name Type Email Contact Varun Chauhan Student Male 9877236732 varunchauhan@shooliniuniversity.co Azhar Khan Male 9459269791 Faculty azharkhan@shooliniuniversity.com Novel chitosan based Centre of TRL 3: Applied Faculty and 2015 Completed but No TRL 3: Applied No No No IP / Patented nanocomposite with Nanotechnology research. First Student Further Action research. First Technology Taken laboratory tests antibacterial activity for laboratory tests completed; proof of completed; proof of water treatment and production method concept. concept. Applie d for Yes Patent Patent 4255/ Applica tion No DEL/ 2015 Year of Patent 2015 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Sta Innovation, of TRL it reache	Stage agencies) has of Seed G	or fund or fund d from in terms rant/Fund in to Idea / ype / stions in pment financial	Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving prencubation/incubation support at your Pre-ncubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute durin the financial period 2018-19?
	Principal Inn										
	Deepak Pathania	Name		Type	Male	Gender	dp	Email pathania74@gmail.co	m	7006437452	ontact
	Co-Innovator	r									
		Name		Туре		Gender		Email		Co	ontact
	Divya Gupta			Student	Fem	ale	di	vyagupta@shooliniun	iversity.com	7006437452	
	Swadeep Sood			Student	Male	9	sv m	wadeepsood@shoolin	iuniversity.co	7006437452	
Novel compounds possessing anti- echinococcal activity	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Appl research. Fir laboratory te completed; p concept.	rst ests		lo	No
	Principal Inn	ovator									
		Name		Туре		Gender		Email		Co	ontact
	Umar Farooq			Faculty	Male	9	uf	faaroq8@gmail.com		9877236732	
	Co-Innovator	•									
		Name		Туре		Gender		Email		Co	ontact
	Varun Chauhan			Student	Male			varunchauhan@shooliniuniversity.co 98			

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio Developed by on Support of Seed Grant/Fund n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2016 Completed but No No No Flying Chair Machine and TRL 3: Applied Faculty TRL 3: Applied No IP / Patented Further Action Welding Workshop research. First research. First Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2803 Patent Applica tion No 29 Year of 2016 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Sorabh Aggarwal Faculty sorabhaggarwal@shooliniuniversity. 7009924762 TRL 3 : Applied research. First 2016 Completed but No TRL 3: Applied No No Novel Centre of Faculty and IP / Patented research. First nanocomposite for Nanotechnology Student Further Action Technology treatment of laboratory tests Taken laboratory tests effluents containing completed; proof of completed; proof of dyes and method concept. Applie d for Yes concept. Patent 2016 Patent Applica tion No 1101 1100 2016 Year of Patent Applica No **Principal Innovator** Name Type Gender Email Contact Male 7006437452 Deepak Pathania Faculty dpathania74@gmail.com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received any income/reven from Idea/Prototype/ vations for the incubation/incub n support and services offerer Pre- incubation/incub n or institute du the financial pe 2018-19?
Co-Innovator												Nano ferrite substrate and its process of
	Name		Туре			Gender			Email	Co	ntact	production for us
Divya Gupta		;	Student		Male			divyagupta@:	shooliniuniversity.com	7006437452		miniaturized antenna
Amit Kumar		-	aculty		Male			amitkumar@s	shooliniuniversity.com	versity.com 9625310313		
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	ves 2016 1101 3315 2016	Completed and Ready for Commercialization/I ncubati	resea	s : Applied rch. First story tests leted; proof of ppt.	No	No	No	
Principal Innovato	or											
Atul Thakur	Name	1	Type		Male	Gender		atulthakur@s	Email hooliniuniversity.com	9418095987	ntact	
Co-Innovator												Magneto-dielect substrate for miniaturized microstrip patc
Preeti Thakur	Name		Type Faculty		Female	Gender		prostithokur@	Email Shooliniuniversity.com	9418095987	ntact	antenna for use high bandwidth uhf band.

Idea / Prototype / In	nnovation have i	received Gra	nt / funding from	Pre-Incubation	/ Incubation Cer	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	IP / Patented Technology  Applie d for Patent  Patent Applica tion No Patent Applica tion No Patent Applica tion No Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ontact	
Atul Thakur			Faculty	Male		atulthakur@s	hooliniuniversity.com	9418095987		
Co-Innovator										Nano composites material with enhanced magnetic
	Name		Туре		Gender		Email	Co	ontact	properties.
Preeti Thakur			Faculty	Female		preetithakur@	shooliniuniversity.com	9418095987		
Centre of Nanotechnology	TRL 3 : Applied research. First	Faculty and Student	2016	IP / Patented Technology	Completed but No Further Action	TRL 3 : Applied research. First	No	No	No	

ldea / Prototype / In	novation have r	eceived Gra	ant / funding from	Pre-Incuk	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innovation ) Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Atul Thakur			Faculty		Male			atulthakur@sl	hooliniuniversity.com	9418095987		
					•			•		•		Novel anti-
Co-Innovator												Leishmaniasis compound and
	Name		Туре			Gender			Email	Co	ntact	method of production
Preeti Thakur			Faculty		Female			preetithakur@	shooliniuniversity.com	9418095987		
Kush Rana			Student		Male			kushrana@sh	nooliniuniversity.com	9418095987		
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	IP / Par Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2016 1102 2602 2016	Completed but No Further Action Taken	resea labora	3 : Applied rch. First atory tests leted; proof of ppt.	No	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Afroze Alam			Faculty		Male			afrozepharma	a@gmail.com	7018196843		
Co-Innovator												System for safe overtaking and method of use
	Name		Туре			Gender			Email	Co	ntact	metriod of use
K.L Dhar			Faculty		Male			kldhar@shool	liniuniversity.com	7018196843		

# Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue (either own Seed fund/Angel Investment/VC from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio on Support Received Developed by of Seed Grant/Fund n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 Faculty 2016 Completed but No TRL 3: Applied No No No Center of Excellence in TRL 3: Applied IP / Patented Further Action research. First Automobile Engineering research. First Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2016 Patent Applica tion No 1102 3982 Year of 2016 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Adit Rana Male 8679741043 Faculty aditrana@shooliniuniversity.com TRL 3: Applied Faculty and 2016 No No Novel alcohol free process Food Testing Completed but No TRL 3: Applied No IP / Patented for extraction of zein and research. First Further Action research. First Laboratory Student Technology xanthophylls laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2016 1103 Patent Applica tion No 1746 2016 Year of Patent Applica

Principal Innovator				<u> </u>
Name	Туре	Gender	Email	Contact
Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.co m	9816321855

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	(TRL Stage) Developed by		Year of Innovation / Project Started	Type of Innova	ation	ion Incubation/Incubati Innovation on Support of TF		(either own resource or fund received from agencies) in terms of Seed Grant/Fund support to Idea / Prototype / Innovations		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innvations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
	Co-Innovator	r										
		Name		Туре			Gender			Email	C	ontact
	Sampy Duggal			Student		Male			sampydug m	gal@shooliniuniversity.c	9816321855	
Nanocomposite gel for oil spill remediation and method there of	Centre of Nanotechnology  TRL 3: Applied research. First laboratory tests completed; proof of concept.  Faculty and Student			2016	IP / Patented Technology  Applie d for Patent  Patent 2016 Applica 1103 tion No 6282  Year of Patent Applica tion  Yes 2016 Patent Applica tion		Ready for Commercialization/I	research. First		No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Amit Kumar			Faculty		Male			amitkumar	@shooliniuniversity.com	9625310313	
	Co-Innovator	<b>†</b>										
		Name		Туре			Gender			Email	C	ontact
	Ajay Kumar			Student		Male			ajaykumar	@shooliniuniversity.com	9625310313	
	Gaurav Sharma			Faculty		Male			gaurav.541	@shooliniuniversity.cor	n 9418807170	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Nano cobalt iron biochar for recycling of used or waste oil and method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology  Applie d for Patent  Patent Applica tion No Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof o concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	C	ontact
	Deepak Pathania			Faculty	N	ale	dpathan	a74@gmail.com	7006437452	
	Co-Innovator									

Co-Innovator				
Name	Туре	Gender	Email	Contact
Amit Kumar	Student	Male	amitkumar@shooliniuniversity.com	7006437452
Ajay Kumar	Student	Male	ajaykumar@shooliniuniversity.com	7006437452
Gaurav Sharma	Faculty	Male	gaurav.541@shooliniuniversity.com	9418807170
Sunil Kumar	Faculty	Male	sunilkumar@shooliniuniversity.com	7006437452

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovati	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	Financial support (either own resource or fund of received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
NOVEL ANTICANCER COMPOUND FROM BRUGMANSIA SUAVEOLENS AND METHOD THEREOF	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 0684  Year of Patent Applica tion		TRL 3 : Applied research. First laboratory tests completed; proof concept.		No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Neeraj Mahindroo			Faculty	ı	<i>M</i> ale	neeraj com	mahindroo@shooliniuniversity	9816017554	

Co-Innovator				
Name	Туре	Gender	Email	Contact
Sunil Kumar	Faculty	Male	sunilkumar@shooliniuniversity.com	9816017554
Aditi Gupta	Student	Female	aditigupta@shooliniuniversity.com	9816017554
Reena Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244
K.L. Dhar	Faculty	Male	kldhar@shooliniuniversity.com	9816017554

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2016 No No TRL 3: Applied Faculty and Completed and TRL 3: Applied No An isolate from seed oil of Pharmaceutical IP / Patented Ready for research. First research. First Student Pongamiapinnata with anti-Product Technology Commercialization/I osteoporotic activity and Development Lab laboratory tests laboratory tests completed; proof of method ncubati completed; proof of concept. concept. Applie d for Yes Patent 2016 Patent Applica tion No 1104 3705 Year of 2016 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Afroze Alam Faculty afrozepharma@gmail.com 7018196843 Co-Innovator Name Type Gender Email Contact Aditya Shiven Student Male adityashiven@shooliniuniversity.com 7018196843 TRL 3: Applied Faculty and 2017 TRL 4: Small scale No Improved vesicular Pharmaceutical Completed and No IP / Patented Yes formulation of Product research. First Ready for prototype built in a Student Technology thymoguinone for the Development Lab laboratory tests Commercialization/I laboratory completed; proof of ncubati environment ("ugly" Total Seed Grant/Fund treatment of dermal inflammatory disorders and concept. prototype). Applie d for Yes method Amount Patent Disbursed to above Idea/Prototype/I nnovations 2017 Development by Centre (In 1100 Patent Applica tion No 2485 Rupees) PCT/I N201 88000 8/050 035 2017 Year of Patent Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre  Stage of Innovation Innovation Developed by  Principal Innovator		Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innuvations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
I	Poonam Negi			Faculty	Fer	nale	poonam.	546@shooliniuniversity.c	om 8219477820	
	Co-Innovator	•								
		Name		Туре		Gender		Email	С	ontact
	Charul Rathore			Student	Fer	nale	charulrat m	hore@shooliniuniversity.o	co 8219477820	
	Ishita Sharma			Student	Fer	nale	ishitasha	rma@shooliniuniversity.c	om 8219477820	
Synergistic graphene sand nano composites for antibiotic degradation in waste water and method thereof.	Photocatalysis Centre				IP / Patented Technology  Applie d for Patent  Patent Applica tion No 4067  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Pankaj Raizada			Faculty	Fer	nale	pankajra m	zada@shooliniuniversity.	co 8278743410	

Idea / Prototype / In	novation have i	eceived Grant /	funding from	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov		Current Status Pre- Incubation/Incubati on Support Received	Innova of TI	nt Status of tion, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- ncubation/incubatio n support at your Pre- ncubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	C	ontact
	Pooja Shandilya			Faculty			ale		poojashand om	dilya@shooliniuniversity.c	8894008485	
	Rashi Dhiman			Student		Fema	ale		rashidhima	n@shooliniuniversity.com	8278743410	
	Pardeep Singh			Faculty		Male			pardeepsin m	gh@shooliniuniversity.co	9459316882	
Novel microbe for assessing in vivo antioxidant status of foods and method there of	Laboratory of Gene regulation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	Applica 11 tion No 71	JY	Completed and Ready for Commercialization/I ncubati	prototyp laborato	ment ("ugly"	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  88000	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Adesh Kumar Saini			Faculty		Male			adeshsaini	@shooliniuniversity.com	8988205238	
	Co-Innovator	•										
		Name		Туре			Gender			Email	C	ontact
	Christine Coe Winte	erbourn		Faculty		Male			christine@:	shooliniuniversity.com	8988205238	
	Vikas Kumar			Faculty		Male			vikas.phd@	shooliniuniversity.com	9459527906	
	Reena Vohra Saini			Faculty		Male			reenasaini	@shooliniuniversity.com	8894568244	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any Financial support received any income/revenue vations raised any (either own Seed fund/Angel Investment/VC from resource or fund received from Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has agencies) in terms of Seed Grant/Fund receiving pre-incubation/incubatio Innovation Incubation/Incubati Name of Centre Type of Innovation incubation/incubatio on Support Received Developed by n support and the services offered by Support to Idea /
Prototype /
Innovations from Centre reached n support at your Pre-incubation/incubatio Pre-incubation/incubatio Development n or institute during n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 TRL 3: Applied Faculty and 2017 TRL 3: Applied No No No Animal Tissue Completed and Novel nanocomposite for IP / Patented Culture research. First Ready for research. First Student therapeutic use as Technology Commercialization/I immunostimulator and laboratory tests laboratory tests method completed; proof of ncubati completed; proof of concept. concept. Applie d for Yes Patent Patent Applica tion No 2017 1100 7222

					Year of Patent Applica tion	7					
	Principal Inne	ovator									
		Name		Туре		Gender			Email	С	ontact
	Reena Vohra Saini			Faculty		Female		reenasaini	@shooliniuniversity.com	8894568244	
	Co-Innovator										
		Name		Туре		Gender			Email	С	ontact
	Adesh Kumar Saini			Faculty		Male		adeshsaini	@shooliniuniversity.com	n 8988205238	
	Induhira			Student		Female		induhira@s	shooliniuniversity.com	8894568244	
	Amit Kumar			Faculty		Male		amitkumar	@shooliniuniversity.com	9625310313	
NOVEL ANTICANCER COMPOUND	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent Application No 575  Year of Patent Application	Taken 7 01 122	TRL 3 : / research laborator complete concept.	Applied I. First ry tests ry tests ry tests ry froof of	No	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached		Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Centre/institute received any income/revenue from Idea/Prototype/Innvations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
	Principal Inno									
	Sameer Sapra	Name		Type	Ma	Gender e	sameers m	Email apra@shooliniuniversity.c		ontact
	Co-Innovator									
	Kamna Sharma	Name		Type	Fer	Gender	kamnasl m	Email narma@shooliniuniversity.		ontact
	K.L. Dhar			Faculty	Ма	е	kldhar@	shooliniuniversity.com	9316854615	
Nano-composite based Electronic sensor for detection of lead	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof o concept.	No	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
-	Deepak Pathania			Faculty	Ма	e	dpathan	a74@gmail.com	7006437452	
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact

#### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of during the period of received from Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 Completed but No Nο No Yeast Biology lab TRL 3: Applied Faculty and TRL 3: Applied No Gene expressing novel IP / Patented microbial protein for research. First Student Further Action research. First Technology engineering salt tolerance laboratory tests Taken laboratory tests in plants and method completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2017 Patent Applica tion No 1101 8003 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Anuradha Sourirajan Faculty Female anuradha@shooliniuniversity.com 9805645534 Co-Innovator Gender Name Type Email Contact Shivani Vaidya Student Female 9805645534 shivanivaidya@shooliniuniversity.co Kamal Dev Male 9418653905 Faculty kamaldev@shooliniuniversity.com Novel nanocomposite Biosensor TRL 3 : Applied research. First Faculty and 2017 Completed and TRL 3: Applied No No No IP / Patented Ready for based immunosensor for Technology Lab Student research. First Technology detection of celiac disease laboratory tests Commercialization/I laboratory tests completed; proof of completed; proof of and method there of ncubati concept. concept. Applie d for Yes Patent Patent 2017 Applica tion No 1101

9443

2017

Year of Patent

Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	funding from I	Year of Innovation / Project Started	Type of Innovation	loo	rrent Status Pre- cubation/Incubati on Support Received	Innovat of TF	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator										
	Shagun Gupta	Name		Type Student	F	emale	Gender		shagungup m	Email ota@shooliniuniversity.co		Contact
	Co-Innovator											
		Name		Туре			Gender			Email	C	ontact
	Dinesh Kumar			Faculty	N	Male			dineshkum m	ar@shooliniuniversity.co	9816321855	
	Ankur Kaushal			Faculty	N	Male			ankurkusha	al@shooliniuniversity.co	m 9882546292	
Semi tubular solar air dryer	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent 1101 19471  Year of Patent Applica tion  Year of Patent Applica tion	Rea	mpleted and ady for mmercialization/I ubati	prototype	nent ("ugly"	No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Adit Rana			Faculty	N	Male			aditrana@s	shooliniuniversity.com	8219393854	
	Co-Innovator											
		Name		Туре			Gender			Email		contact
	Ranchan Chauhan			Faculty	N	Male			ranchancha com	auhan@shooliniuniversi	ty. 9418011870	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Mobile cover	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Sorabh Aggarwal			Faculty	Mal	е	sorabhagg com	arwal@shooliniuniversity.	7009924762	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Akshay Pathania			Faculty	Mal	е	akshaypat om	hania@shooliniuniversity.	c 8284871380	
	Shashank Thapa			Faculty	Mal	е	sushank.5	37@shooliniuniversity.com	m 8894687446	
	Bhaskar Goel			Faculty	Mal	е	bhaskargo	el@shooliniuniversity.con	9416264981	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A machine for calculate cutting force and methods	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1102 tion No 0456  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator Name		Туре		Gender		Email	Cc	ontact

Principal Innovator				
Name	Туре	Gender	Email	Contact
Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446

Co-Innovator				
Name	Туре	Gender	Email	Contact
Akshay Pathania	Faculty	Male	akshay.563@shooliniuniversity.com	8284871380
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.	9041996541
Arjun Patial	Student	Male	arjunpatial@shooliniuniversity.com	8894687446

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any Financial support received any income/revenue vations raised any Seed fund/Angel Investment/VC (either own from resource or fund received from Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has agencies) in terms receiving pre-incubation/incubatio Innovation Incubation/Incubati Name of Centre Type of Innovation incubation/incubatio on Support Received Developed by of Seed Grant/Fund n support and the services offered by Support to Idea /
Prototype /
Innovations from Centre reached n support at your Pre-incubation/incubatio Pre-incubation/incubatio Development n or institute during n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 TRL 3: Applied 2017 TRL 3 : Applied No No No Animal Tissue Faculty and Completed and Novel anticancer IP / Patented research. First Ready for research. First Culture Student nanocomposite Technology Commercialization/I laboratory tests laboratory tests completed; proof of ncubati completed; proof of concept. concept. Applie d for Yes Patent Patent Applica tion No 2017 1102 1290 Year of Patent Applica tion 2017 **Principal Innovator** 

	Fillicipal lilli	Ovator											
		Name		Туре			Gender			Email		Со	ntact
	Reena Vohra Saini			Faculty		Femal	le		reenasaini	@shooliniuniversity.com	n 88	8894568244	
	Co-Innovator	•											
		Name		Туре			Gender			Email		Со	ntact
	Adesh Kumar Saini			Faculty		Male			adeshsaini	@shooliniuniversity.com	n 89	988205238	
	Indu Hira			Student		Femal	le		induhira@s	shooliniuniversity.com	88	894568244	
	Amit Kumar			Faculty		Male			amitkumar	@shooliniuniversity.com	n 96	625310313	
A system for blockage detection of air flow line	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patenter Technology  Applie d for Patent  Patent Applica tion No 181  Year of Patent Applica tion	17 02 17	Completed and Ready for Commercialization/I ncubati	TRL 3 : A research laborator complete concept.	Applied . First y tests d; proof of	No	No		No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovatio	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TF	it Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation r support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator									
		Name		Туре		Gender			Email	C	ontact
	Abhilash Pathania			Faculty	N	ale		abhilashpa com	thania@shooliniunivers	ity. 9418503057	
	Co-Innovator	r									
		Name		Туре		Gender			Email	C	ontact
	Bhaskar Goel			Faculty	N	ale		bhaskargo	el@shooliniuniversity.co	om 9416264981	
	Haseem			Student	N	ale		haseem@s	shooliniuniversity.com	9418503057	
Productivity Improvement by modification in fixture	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1818  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3: research laborato complete concept.	ry tests ed; proof of	No	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		ontact
	Bhaskar Goel			Faculty	N	ale		bhaskargo	el@shooliniuniversity.co	om 9416264981	

# Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of during the period of Name of Idea / POC / received from Innovation / Prototype Received Funding / Grant Stage of Innovation Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? Co-Innovator Name Type Gender Email Contact Abhilash Pathania Faculty Male abhilashpathania@shooliniuniversity. 9418503057 Male Sorabh Aggarwal Faculty 9041996541 sorabhaggarwal@shooliniuniversity. Cooling pad for mobile Tinkering Lab TRL 3: Applied Faculty 2017 Completed but No TRL 3: Applied No No No IP / Patented Technology Further Action research. First research. First laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent Patent Applica tion No 2949 56 2017 Year of Patent Applica tion **Principal Innovator** Туре Name Gender Email Contact Sorabh Aggarwal Faculty Male sorabhaggarwal@shooliniuniversity. 7009924762 com Co-Innovator Name Type Gender Email Contact Akshay Pathania Faculty Male akshaypathania@shooliniuniversity.c 7009924762 Shashank Thapa Faculty Male 8894687446 sushank.537@shooliniuniversity.com Bhaskar Goel Faculty Male bhaskargoel@shooliniuniversity.com 9416264981 Male 7018322627 Rajkumar Faculty raj.me@shooliniuniversity.com

#### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 2017 No No TRL 3: Applied Faculty and Completed and TRL 3: Applied No Novel nanohydrogel for Centre of IP / Patented Ready for activity enhancement and Nanotechnology research. First Student research. First Technology Commercialization/I controlled release of laboratory tests laboratory tests completed; proof of antimicrobial drug and ncubati completed; proof of method concept. concept. Applie d for Yes Patent 2017 Patent Applica tion No 1102 4051 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Deepak Pathania Faculty dpathania74@gmail.com 7006437452 Co-Innovator Name Type Gender Email Contact Faculty Female 8054918093 Poonam Negi poonam.546@shooliniuniversity.com Student Female chetnaverma@shooliniuniversity.co 7006437452 Chetna Verma A METHOD OF SENSIBLE Center of TRL 3: Applied Faculty 2017 Completed but No TRL 3: Applied No No No IP / Patented STEERING ASSIST Excellence in research. First Further Action research. First Technology SYSTEM DUE TO Taken Automobile laboratory tests laboratory tests INTOXICATION AND completed; proof of completed; proof of Engineering **EMERGENCY** concept. concept. Applie d for Yes CONDITIONS AND USES Patent Patent 2017 Applica tion No 1102

4722

2017

Year of Patent

Applica tion

			Developed by	Year of Innovation / Project Started	Type of Innovatio	Incubat	Status Pre- ion/Incubati Support eceived	Innovati of TR	Status of on, Stage L it has ched	(either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	income/revenue from Idea/Prototype/In vations for the princubation/incuba n support and the services offered I Pre-incubation/incuba n or institute durit the financial perice 2018-19?
	Principal Inno	ovator										
	Adit Rana	Name		Type	M	1ale	Gender		aditrana@s	Email hooliniuniversity.com	8679741043	ontact
	Co-Innovator											
		Name		Туре			Gender			Email	С	ontact
	Ranchan Chauhan			Faculty	F	emale			ranchancha com	auhan@shooliniuniversit	y. 9418011870	
	Bhaskar Goel			Faculty	M	1ale			bhaskargoe	el@shooliniuniversity.co	m 9416264981	
Herbal extract formulation for treatment of Yersiniosis	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Further Taken	ted but No Action	TRL 3 : A research, laborator, complete concept.	First	No	No	No
	Principal Inno	ovator										
	Ravinder Kaushik	Name		Type		1ale	Gender		ravindar@a	Email hooliniuniversity.com	9416962729	ontact
-				1 acuity	IV	riale			Tavilluel @ S	noominumversity.com	9410902729	
	Co-Innovator											
		Name		Туре			Gender			Email		ontact
	Anju Bala			Student		emale Male			anjubala@s	shooliniuniversity.com	9416962729	

Idea / Prototype / In	novation have i	received Grant <i>i</i>	tunding from I	re-incubation /	Incubation Ce	ntre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Sta Innovation, of TRL it I reache	Stage has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Energy efficient impinging jet solar food dryer	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 4743  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Smal prototype bui laboratory environment prototype).	ilt in a	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  56000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Adit Rana			Faculty	Mal	e	ad	litrana@s	hooliniuniversity.com	8219393854	
	Co-Innovator	r									
		Name		Туре		Gender			Email	Co	ontact
	Ranchan Chauhan			Faculty	Mal	e	rar		uhan@shooliniunivers	ty. 9418011870	
Smart fuel injection system against alcoholic drivers, teen agers and anti theft system for intruders	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1102 tion No 4744  Year of Patent 2017	Completed but No Further Action Taken	TRL 3 : Appli research. Firs laboratory tes completed; p concept.	st sts	No	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received an income/reven from Idea/Prototype/ vations for the incubation/incul n support and services offere Preincubation/incul n or institute du the financial pe 2018-19?
	Principal Inne	ovator								
		Name		Туре		Gender		Email	С	ontact
	Adit Rana			Faculty	Male	9	aditrana	@shooliniuniversity.com	8679741043	
	Co-Innovator	•								
		Name		Туре		Gender		Email	С	ontact
	Ranchan Chauhan			Faculty	Male	9	ranchan com	chauhan@shooliniunivers	ity. 9418011870	
erbal extract based rmulation for treatment of almonellosis	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No Says  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof concept.	No f	No	No
	Principal Inn	ovator		•				•		
		Name		Туре		Gender		Email	С	ontact
	Ravinder Kaushik			Faculty	Male	e	ravinder	@shooliniuniversity.com	941962729	<u> </u>

Idea / Prototype / Ini	novation have r	eceived Grant /	funding from I	Pre-Incubation /	Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	Financial support (either own resource or fund of received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•								
		Name		Туре		Gender		Email	Co	ontact
	Anju Bala			Student	Fe	male	anjuba	ala@shooliniuniversity.com	941962729	
	Naveen Kumar			Student	Ma	le	navee m	nkumar@shooliniuniversity.cc	941962729	
	Somesh Sharma			Faculty	Ма	le	somes	hsharma@shooliniuniversity.	7018171525	
Stair Climbing Stretcher	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.		No	No
	Principal Inne	ovator								
	Amar Raj Singh	Name		Type	Ma	Gender	amarr m	Email ajsingh@shooliniuniversity.co	9882310780	ontact
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Anil Kumar			Faculty	Ma	le	anilku	mar@shooliniuniversity.com	7018508569	
	Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.		

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 Completed but No Nο No SMS based power control Tinkering Lab TRL 3: Applied Faculty TRL 3: Applied No IP / Patented research. First Further Action research. First switch system Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2017 Patent Applica tion No 1102 6295 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Sanjay Bhardwaj Faculty Male sanjaybhardwaj@shooliniuniversity.c 9418648758 Co-Innovator Type Gender Email Name Contact Suman Bhardwaj Faculty Female sumanbhardwaj@shooliniuniversity.c 9459747352 TRL 3 : Applied research. First Automatic ac mains cut off Tinkering Lab Faculty 2017 Completed and TRL 4: Small scale No No IP / Patented Yes prototype built in a system on LPG gas Ready for Technology leakage using arduino. laboratory tests Commercialization/I laboratory completed; proof of environment ("ugly" Total Seed Grant/Fund ncubati concept. Applie d for Yes prototype). Amount Patent Disbursed to above Idea/Prototype/I Patent 2017 nnovations Applica 1102 Development by tion No 6909 Centre (In Rupees) 2017 Year of Patent 61000 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
	Principal Inn	ovator									
	Brij Bhushan	Name		Type	Male	Gender		hriihhusha	Email n@shooliniuniversity.cor		ontact
	Brij Bhushan			Faculty	Male	,		brijbriusna	neshooliniumversity.com	9010200108	
	Co-Innovator	ſ									
		Name		Туре		Gender		Email			ontact
	Pankaj Vaidya			Faculty	Male	2		pankaj.vaidya@shooliniuniversity.co m		9418080977	
	Pankaj Vaidya			Faculty	Male	<del>)</del>		pankaj.vaid m	dya@shooliniuniversity.c	9418080977	
Silt Erosion Test Rig	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : /research laborator complete concept.	i. First ry tests ed; proof of	No	No	No
	Principal Inn	ovator									·
		Name		Туре		Gender			Email	С	ontact
	Robin Thakur			Faculty	Male	3		robinthaku	r@shooliniuniversity.con	n 8894373150	
	Co-Innovator	r									
		Name		Туре		Gender			Email	С	ontact
	Anil Kumar			Faculty	Male			anilkumar@	newspace shooliniuniversity.com	7018508569	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, St of TRL it ha reached	age agencies) in terms	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Novel gene coding a thermostable glutaminase enzyme	Enzyme Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 8931  Year of Patent Applica tion		TRL 4 : Small s prototype built i laboratory environment ("u prototype).	in a	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Kamal Dev			Faculty	N	lale	kama	aldev@shooliniuniversity.com	9418653905	
	Co-Innovator	r								
		Name		Type		Gender		Email	Co	ontact

Co-Innovator Co-Innovator											
Name	Туре	Gender	Email	Contact							
Dewanshu Sharma	Student	Male	dewanshusharma@shooliniuniversit y.com	9418653905							
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534							
Sonam Sharma	Student	Female	sonamsharma@shooliniuniversity.co	9418653905							

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Nanocomposite for the photodegradation of water polluting methyl orange	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica tion No 9421  Year of Patent Applica tion  The patent Applica tion Point Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Deepak Pathania			Faculty	Mal	e	dpathani	a74@gmail.com	7006437452	
	Co-Innovator									
	CO-iiiiiOvatoi	r								
	CO-IIIIIOVatol	Name		Туре		Gender		Email	Co	ontact
	Manita Thakur			Type Student	Fen		manitath m	Email akur@shooliniuniversity.c		ontact
					Fen Mal	nale	m		0 7006437452	ontact

Idea / Prototype / Inn	novation have r	eceived Grant /	funding from F	Pre-Incubation /	Incubation (	Centre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovat	Current Status Pre Incubation/Incubat on Support Received	Innovat of TR	t Status of ion, Stage tL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Principal Inne	ovator									
		Name		Туре		Gender			Email	С	ontact
	Randhir Bhandari			Faculty		Male		randhir.492	@shooliniuniversity.cor	n 9736030563	
	Co-Innovator										
		Name		Туре		Gender			Email	С	ontact
	Varun Jaiswal			Faculty		Male		varun.505@shooliniuniversity.com		9736490104	
	Gaurav Gupta			Faculty		Male		gaurav@sh	nooliniuniversity.com	9817452559	
	Manoj Gaur			Faculty		Male		manojgaur	@shooliniuniversity.com	9736030563	
	Pankaj Vaidya			Faculty		Male		pankaj.vaid m	lya@shooliniuniversity.c	7018504231	
Semi Rotary Compressor	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Taken	TRL 3 : A research laborator complete concept.	. First ry tests ed; proof of	No	No	No
	Principal Inne	ovator									
		Name		Туре		Gender			Email	С	ontact
	Robin Thakur			Faculty		Male		robinthakur	@shooliniuniversity.con	n 8894373150	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Prototype Name of Centre Stage of Innovation Inding / Grant Name of Centre		funding from  Innovation Developed by	Pre-Incubation /  Year of Innovation /  Project Started	Incubation  Type of Innove	Current Status Pre-		Innovat of TF	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	r										2010 13:
		Name		Туре			Gender			Email	С	ontact
	Nitin Rana			Student		Male			nitinrana@	shooliniuniversity.com	8894373150	
	Anil Kumar			Faculty		Male			anilkumar@	shooliniuniversity.com	7018508569	
	Amar Raj Singh			Faculty		Male			amarrajsin m	gh@shooliniuniversity.c	9882310780	
Flying Strecher	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017  IP / Patente Technology  Applie d for Patent  Patent Application No  Year of Patent Application  Year of Patent Application		Further Action researd laboration researd research rese		research laborato	search. First coratory tests mpleted; proof of		No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	С	ontact
	Anil Kumar			Faculty		Male			anilkumar@	shooliniuniversity.com	8894175292	
	Co-Innovator	r										
		Name		Туре			Gender			Email	С	ontact
	Amar Raj Singh			Faculty		Male			amarrajsin m	gh@shooliniuniversity.c	9882310780	
	Sorabh Aggarwal			Faculty		Male			sorabhaggarwal@shooliniuniversity.		y. 9041996541	
	Robin Thakur			Faculty		Male			robinsamp	ark.thakur@gmail.com	8894373150	

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 Completed but No No No Fixture with multiloading of Machine and TRL 3: Applied Faculty TRL 3: Applied No IP / Patented Welding Workshop research. First Further Action research. First components Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2971 Patent Applica tion No 26 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Bhaskar Goel Faculty bhaskargoel@shooliniuniversity.com 9416264981 Co-Innovator Gender Email Name Type Contact Faculty Male sorabhaggarwal@shooliniuniversity. 9041996541 Sorabh Aggarwal Sashank Thapa Male 8894687446 Faculty sushank.537@shooliniuniversity.com Low cost production of Fruit and Vegetable TRL 3: Applied Faculty and 2017 Completed and TRL 3: Applied No No No IP / Patented Ready for canthaxanthin and Technology Lab research. First Student research. First Technology xanthophyll pigments using laboratory tests Commercialization/I laboratory tests completed; proof of completed; proof of micrococcus luteusand ncubati brewers spent grain concept. concept. Applie d for Yes Patent Patent 2017 Applica tion No 1103 1489 Year of Patent 2017 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovati of TR	Status of ion, Stage L it has iched	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inn vations raised any Seed fund/Angel Investment/VC during the period creceiving pre-incubation/incubat n support at your Pre-incubation/incubat n or institute durin the financial perio 2018-19	income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation/incubation/incubation/incubation/incubation/incubation/incubation/incubation/
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Somesh Sharma			Faculty	Ма	le		someshsha om	arma@shooliniuniversit	y.c 9418023062	
	Co-Innovator										
		Name		Туре		Gender			Email		Contact
	Kanchan Heer			Student	Fe	male		kanchanhe m	er@shooliniuniversity.c	9418023062	
A Grinding Machine and Methods Thereof.	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1103 ation No 3174  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : A research. laborator complete concept.	. First	No	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Sanjay Bhardwaj			Faculty	Ма	le		sanjaybhar om	dwaj@shooliniuniversit	y.c 9418648758	

Idea / Prototype / Ini	novation have r	received Grant /	funding from l	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	ation	Current Status Pre- Incubation/Incubati on Support Received	Innova of Ti	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	r										
		Name		Туре			Gender			Email	С	ontact
	Suman Bhardwaj		Faculty		Fema	ale		sumanbhar om	dwaj@shooliniuniversit	y.c 9459747352		
	Pankaj Vaidya		Faculty		Male			pankaj.vaic	lya@shooliniuniversity.c	co 9418080977		
	Suman Bhardwaj Pankaj Vaidya			Faculty		Female			sumanbhar om	dwaj@shooliniuniversit	y.c 9459747352	
				Faculty		Male			pankaj.vaidya@shooliniuniversity.co m		9418080977	
Nanocomposite for removal of metal ions from waste water and method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	Applica 11 tion No 26	У	Completed and Ready for Commercialization/I ncubati	TRL 3 : research laborato complete concept	n. First ry tests ed; proof of	No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	С	ontact
	Deepak Pathania			Faculty		Male			dpathania7	4@gmail.com	7006437452	
	Co-Innovator	r						_				
		Name		Туре			Gender			Email	С	ontact
	Manita Thakur			Student		Fema	ale		manitathak m	ur@shooliniuniversity.co	7006437452	
	Pankaj Thakur			Faculty		Male			chempank	@gmail.com	9816266489	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Process for economical and fast production of pure walnut wine from de-oiled walnut kernels	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica tion No 4223  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Dringingling									

# Principal Innovator

Name	Туре	Gender	Email	Contact
Somesh Sharma	Faculty	Male	someshsharma@shooliniuniversity.com	9418023062

## Co-Innovator

CO-IIIIIOVALOI	Innovator										
Name	Туре	Gender	Email	Contact							
Neha	Student	Female	neha@shooliniuniversity.com	9418023062							
Ravinder Kaushik	Faculty	Male	ravinder@shooliniuniversity.com	9416962729							
Naveen Kumar	Faculty	Male	naveen.561@shooliniuniversity.com	9992332800							

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hexaferrites nanomaterial and microwave applications	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent Patent 2017 Applica tion No 4816  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Virender Pratap Sin	gh		Faculty	Mal	e	virenderpra m	atap@shooliniuniversity.c	9816714076	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Gagan Bhargava			Faculty	Mal	e	gaganbhar om	gava@shooliniuniversity.	c 9816714076	
	R.K Kotnala			Faculty	Mal	е	rkkotnala@	shooliniuniversity.com	9816714076	
	Mahavir Singh			Faculty	Mal	е	mahavirsin m	gh@shooliniuniversity.co	9816714076	

Idea / Prototype / In	novation have	received Grant /	funding from F	re-Incubation /	Incubation Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Advanced polyhouse structure for water harvesting and grow two different seasonal crops at same time	Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica tion No 4820  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  81000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Rupak Nagraik			Faculty	Male		rupaknagra	ik@shooliniuniversiy.co	m 7018858252	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Cc	ontact
	Kartik Chauhan	Name		Type Student	Male		kartikchaul m	Email aan@shooliniuniversiy.c		ontact

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Incubation Co	Current Status Pre-	Current S Innovation of TRL react	n, Stage it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Idea/Proto vations ra Seed ful Investn during the receivi incubation n suppo incubation n or instit	d the otype/Inno aised any nd/Angel nent/VC e period of ing pre- n/incubatio rt at your re- n/incubatio ute during cial period 8-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubation n support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inn											
	Sumit Mehlwal	Name		Type Student	Ma	Gender		sumit.me@	Email shooliniuniversity.com	98160	Co 005759	ntact
	Co-Innovator								,			
		Name		Туре		Gender			Email		Co	ntact
	Ankit Thakur			Student	Ма	ale	;	ankitthakur	@shooliniuniversity.cor	n 98160	005759	
	Anshul Sehgal			Faculty	Ma	ale		anshulseho m	gal@shooliniuniversity.c	9625	151080	
	Varun Sharma			Student	Ma	ale		varunsharn m	na@shooliniuniversity.c	9816	005759	
Stator and Rotor of Three Phase Squirrel Cage Induction Motor	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Apresearch. Flaboratory completed; concept.	tests	No	No		No
	Principal Inn	ovator										
		Name		Туре		Gender			Email		Co	ntact
	Raj Kumar Saini			Faculty	Ma	ale	1	rksaini@sh	ooliniuniversity.com	9418	739373	

Idea / Prototype / Ini	novation have r	eceived Grant /	funding from I	Pre-Incubation /	Incubation Co	entre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatic n or institute during the financial period 2018-19?
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Neeraj Gandotra			Faculty	М	ale	neerajga om	ndotra@shooliniuniversity	.c 9459924555	
i	Namita Saini			Student	Fe	male	namitasa	nini@shooliniuniversity.com	n 9418739373	
1	Shashank Thapa			Faculty	М	ale	sushank	.537@shooliniuniversity.co	om 8894687446	
	Neeraj Gandotra			Faculty	М	ale	neerajga om	ndotra@shooliniuniversity	.c 9459924555	
	Namita Saini			Student	Fe	male	namitasa	aini@shooliniuniversity.con	n 9418739373	
	Shashank Thapa			Faculty	М	ale	sushank	.537@shooliniuniversity.co	om 8894687446	
Compact and portable herbal water purifier for drinking water	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 7586  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Yes	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	C	ontact
	Sourabh Kulshresth	na		Faculty	М	ale	saurabhl ity.com	kulshrestha@shooliniunive	9459241393	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovati	Current Status Pre- Incubation/Incubati on Support Received	Innova of Ti	it Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period or receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	from Idea/Prototype/Inn vations for the pre incubation/incubati n support and the services offered by Pre-
	Co-Innovator										
		Name		Туре		Gender			Email		Contact
	Amanpreet Kaur			Student		Female		amanpreet om	kaur@shooliniuniversity	c.c 9459241393	
	Chandresh Kumari			Faculty		Female		chandresh	kumari@shooliniunivers	ity 9857763215	
	Swati			Student		Female		swati@sho	oliniuniversity.com	9459241393	
	Tanvi Gupta			Student		Female		tanvigupta@shooliniuniversity.com		9459241393	
	Abhishek Bhardwaj			Student		Male		abhishekbl y.com	nardwaj@shooliniunivers	sit 9459241393	
Combinational compact air compressor	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2011 Applica 1100 tion No 8488  Year of Patent Applica tion	Taken	TRL 3: research laboration complet concept	n. First ry tests ed; proof of	No	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Robin Thakur			Faculty		Male		robinthaku	r@shooliniuniversity.con	n 8894373150	

Idea / Prototype / Ini	novation have r	eceived Grant /	funding from	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	ration	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TRI	Status of on, Stage L it has ched	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	С	ontact
	Nitin Rana			Student		Male	1		nitinrana@	shooliniuniversity.com	8894373150	
	Anil Kumar			Faculty		Male	1		anilkumar@	shooliniuniversity.com	7018508569	
	Ankit Thakur			Student		Male			ankitthakur	@shooliniuniversity.con	n 8894373150	
	Dinesh Kumar			Faculty		Male			dineshkum m	ar@shooliniuniversity.co	9816321855	
Solar Tracking System.	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	d for Patent Patent Applica tion No	es 989	Completed but No Further Action Taken	TRL 3 : A research. laboratory complete concept.	First	No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	С	ontact
	Sorabh Aggarwal			Faculty		Male			sorabhagg com	arwal@shooliniuniversit	y. 7009924762	
	Co-Innovator											
		Name		Туре			Gender			Email	C	ontact
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.co	om 9416264981	
	Neeraj Gandotra			Faculty		Male			neerajgand om	dotra@shooliniuniversity	c.c 9459924555	
Solar Tracking System.	Principal Inno Sorabh Aggarwal  Co-Innovator Bhaskar Goel	research. First laboratory tests completed; proof of concept.	Faculty	Type Faculty  Type Faculty	Technolog  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Male  ed gy es  989 3  017  Male	Completed but No Further Action Taken  Gender  Gender	research. laboratory complete	pplied First / tests d; proof of	Email Email Email el@shooliniuniversity.cc	No 9816321855  No C y. 7009924762  Com 9416264981	ontact

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Cooking Stove	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent Patent 2989 Applica tion No  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No

Principal innovator				
Name	Туре	Gender	Email	Contact
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.	7009924762

Co-Innovator											
Name	Туре	Gender	Email	Contact							
Ankit Thakur	Student	Male	ankitthakur@shooliniuniversity.com	7009924762							
Raj Kumar	Faculty	Male	raj.me@shooliniuniversity.com	7018322627							
Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446							
Bhaskar Goel	Faculty	Male	bhaskargoel@shooliniuniversity.com	9416264981							
Ankit Thakur	Student	Male	ankitthakur@shooliniuniversity.com	7009924762							
Raj Kumar	Faculty	Male	raj.me@shooliniuniversity.com	7018322627							
Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446							
Bhaskar Goel	Faculty	Male	bhaskargoel@shooliniuniversity.com	9416264981							

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Financial support Idea/Prototype/Inno received any income/revenue vations raised any (either own Seed fund/Angel Investment/VC from resource or fund received from Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has agencies) in terms of Seed Grant/Fund receiving pre-incubation/incubatio Innovation Incubation/Incubati Name of Centre Type of Innovation incubation/incubatio on Support Received Developed by n support and the services offered by Support to Idea / Prototype / Innovations from Centre reached n support at your Pre-incubation/incubatio Pre-incubation/incubatio Development n or institute during n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 Surface Grinding Of Multi-Faculty 2017 Completed but No TRL 3: Applied No No No Machine and TRL 3: Applied IP / Patented Connecting Rods On Horizontal Surface Grinding research. First Further Action research. First Welding Workshop Technology laboratory tests Taken laboratory tests Machine. completed; proof of completed; proof of concept. concept. Applie d for Yes Patent Patent Applica tion No 2989 10 Year of Patent Applica tion 2017

	Principal Inne	ovator											
		Name		Туре			Gender			Email		Co	ontact
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.cor	n 9816	264981	
	Co-Innovator												
		Name		Туре			Gender			Email		Co	ontact
	Shashank Thapa			Faculty		Male			sushank.53	37@shooliniuniversity.co	m 8894	687446	
	Sorabh Aggarwal			Faculty		Male			sorabhagg com	arwal@shooliniuniversity	. 9041	996541	
Method And Composition Pumpkin Wine Using ak uuercusLeucotrichophora) ood Chips	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patente Technology  Applie d for Patent  Patent Applica tion No 877  Year of Patent Applica tion	s 17 03 76	Completed and Ready for Commercialization/I ncubati	prototype	ent ("ugly"	No	No		No

Idea / Prototype / In	novation have i	received Grant / fun	ding from P	re-Incubation /	Incubation C	entre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage) D	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TR	t Status of ion, Stage tL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Somesh Sharma			Faculty	N	//ale		someshsha om	ırma@shooliniuniversity	.c 9418023062	
	Co-Innovator	,									
		Name		Туре		Gender			Email	Co	ontact
	Aman Deep Thakur			Student	N	//ale		amandeep	@shooliniuniversity.com	9418023062	
Piezoelectric Signal Generator To Prohibit Unauthorized Red Light Crossing Using A High Tensile Magnetic Hooks Unit.	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	ulty	2017	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion		TRL 3 : / research laborator complete concept.	First ry tests ed; proof of	No	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Adit Rana			Faculty	N	Male		aditrana@s	shooliniuniversity.com	8679741043	
	Co-Innovator	r									
		Name		Туре		Gender			Email	Co	ontact
	Ranchan Chauhan			Faculty	N	//ale		ranchancha com	auhan@shooliniuniversi	y. 9418011870	
	•										

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 TRL 4 : Small scale Nο No Hydraulics Machine TRL 3: Applied Faculty Completed and No Product Based IP / Patented Ready for and Solar Energy research. First prototype built in a Temperature Control Technology Commercialization/I System For Solar Dryer To Centre laboratory tests laboratory Prevent Overheating And completed; proof of ncubati environment ("ugly" Improve completence. concept. prototype). Applie d for Yes Patent 2017 Patent Applica tion No 1103 8576 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Male Adit Rana Faculty aditrana@shooliniuniversity.com 8679741043 Co-Innovator Name Type Gender Email Contact Ranchan Chauhan Faculty Male 9418011870 ranchanchauhan@shooliniuniversity. Raj Kumar Male 7018322627 Faculty raj.me@shooliniuniversity.com A Method Of Recovery Of Centre of Food TRL 3 : Applied research. First Faculty and 2017 Completed but No TRL 3: Applied No No No IP / Patented Silver From Waste X-Ray Processing Student Further Action research. First Technology Films By The Use Of laboratory tests Taken laboratory tests completed; proof of completed; proof of Thermostable Alkaline Protease E. concept. concept. Applie d for Yes Patent Patent 2017 Applica tion No 1103 9167

Year of Patent

Applica tion

Idea / Prototype / In	novation have	received Grant /	funding from I	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Dinesh Kumar			Faculty		Male			dineshkum m	ar@shooliniuniversity.co	9816321855	
	Co-Innovator	r										
		Name		Туре			Gender			Email	С	ontact
	Neha Thakur			Student		Fema	ale		nehathakur	@shooliniuniversity.con	n 9816321855	
A System Of Automotive Assistance For Minimize The Fuel Metering Tolerance	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patente Technology  Applie d for Patent  Patent Applica 110  Year of Patent Applica tion  Year of Patent Applica tion	s 17 03 68	Completed and Ready for Commercialization/I ncubati	TRL 3 : research laborato complete concept.	n. First ry tests ed; proof of	No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	С	ontact
	Adit Rana			Faculty		Male			aditrana@s	shooliniuniversity.com	8219393854	
	Co-Innovator	r										
		Name		Туре			Gender			Email	С	ontact
	Abhilash Pathania			Faculty		Male			abhilashpa com	thania@shooliniuniversi	ty. 8091330001	
	<u>I</u>											

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 No No Bio-engineering lab TRL 3: Applied Faculty and Completed and TRL 4: Small scale No Polyhouse structure IP / Patented Ready for research. First Student prototype built in a Technology Commercialization/I laboratory tests laboratory completed; proof of ncubati environment ("ugly" concept. prototype). Applie d for Yes Patent 2996 Patent Applica tion No 78 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Rupak Nagraik Faculty Male rupaknagraik@shooliniuniversity.co 7018858252 Co-Innovator Type Gender Email Name Contact Kartik Chauhan Student Male kartikchauhan@shooliniuniversity.co 7018858252 Pen for OMR sheets Tinkering Lab TRL 3: Applied Faculty 2017 Completed but No TRL 3: Applied No No No IP / Patented research. First research. First Further Action Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of concept. Applie d for Yes concept. Patent 2996 Patent Applica tion No 79 2017 Year of Patent **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovatio	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the services offered b Pre-incubation/incubat n or institute durin the financial perio 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Sumit Mehlwal			Faculty	M	ale	sumit.me@	shooliniuniversity.com	9816005759	
	Co-Innovator	•								
		Name		Туре		Gender		Email	С	ontact
	Ankit Thakur			Student	N	ale	ankitthaku	r@shooliniuniversity.com	9816005759	
	Varun Sharma			Student	M	ale	varunshar m	ma@shooliniuniversity.co	9816005759	
	Adit Rana			Faculty	M	ale	aditrana@	shooliniuniversity.com	8679741043	
	Anshul Sehgal			Faculty	N	ale	anshulseh m	gal@shooliniuniversity.co	9625151080	
Hexapod Robot	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology  Applie d for Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Sorabh Aggarwal			Faculty	N	ale	sorabhagg com	arwal@shooliniuniversity	7009924762	

Idea / Prototype / In	novation have i	received Grant /	funding from l	Pre-Incubation /	Incubation	Cen	tre / Facilities						
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	ation	Current Status Pre- Incubation/Incubati on Support Received	Innova of TI	nt Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	vations ra Seed fur Investm during the receivir incubation n suppor Pr incubation n or institu the finance	d the otype/Inno aised any ind/Angel neether/VC e period of ing pre-n/incubatio or re-n/incubatio tute during cial period 8-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	r											
		Name		Туре			Gender			Email		Со	ntact
	Akshay Pathania			Faculty		Male			akshay.563	3@shooliniuniversity.co	m 82848	871380	
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.co	om 94162	264981	
Pick and Place Robot	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patente Technolog Applie d for Patent Applica tion No  Year of Patent Applica tion on tion	996	Completed but No Further Action Taken	TRL 3 : researcl laborato complet concept	h. First ory tests ed; proof of	No	No		No
	Principal Inn	ovator											
		Name		Туре			Gender			Email		Со	ntact
	Sorabh Aggarwal			Faculty		Male			sorabhagga com	arwal@shooliniuniversit	y. 70099	924762	
	Co-Innovator	1											
		Name		Туре			Gender			Email		Сог	ntact
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.co	om 94162	264981	
	Neeraj Gandotra			Faculty		Male			neerajgand om	dotra@shooliniuniversity	v.c 92183	301016	
	l												

Adit Rana

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status o Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Automatic cartridge type electrode holder for arc welding machines.	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1104 tion No 3038  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	No f	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact

Faculty

Co-Innovator				
Name	Туре	Gender	Email	Contact
Varun Sharma	Student	Male	varunsharma@shooliniuniversity.co m	8679741043
Anshul Sehgal	Faculty	Male	anshulsehgal@shooliniuniversity.co	9625151080
Suneel Dutt	Faculty	Male	dutt.fermilab@gmail.com	8894956400
Sumit Mehlwal	Faculty	Male	sumit.me@shooliniuniversity.com	9816005759

Male

aditrana@shooliniuniversity.com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Zein Film Composition With Plasticizer For Coating Of Food Products.	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1104 3005  Year of Patent Applica tion  Yes 2017	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Dinesh Kumar			Faculty	Mal	e	dineshkum m	ar@shooliniuniversity.co	9816321855	
	Co-Innovator	•								
		Name		Туре		Gender		Email	C	ontact
	Sampy Duggal			Student	Mal	е	sampydug m	gal@shooliniuniversity.co	o 9816321855	
	Somesh Sharma			Faculty	Mal	е	someshsha om	arma@shooliniuniversity	.c 7018171525	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current S Innovatio of TRL reac	on, Stage . it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
IMPROVED BIO- PROCESS FOR SYNTHESIS OF LACTAMIDE	Enzyme Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology  Applie d for Patent  Patent 2017 Applica 1104 tion No 3219  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : At research. laboratory completed concept.	First tests	No	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Amit Seth			Faculty	Ma	le		amitseth@	shooliniuniversity.com	9459037197	
											1

Co-Innovator				
Name	Туре	Gender	Email	Contact
Poonam Singh	Student	Female	poonamsingh@shooliniuniversity.co m	9459037197
Ansu Kumari	Student	Female	ansukumari@shooliniuniversity.com	9459037197
Kalpana Chauhan	Faculty	Female	kalpanachauhan@shooliniuniversity.	7018812424
Chandrika Attri	Faculty	Female	chandrikaseth@shooliniuniversity.co m	9817251637

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2017 Nο No IMPROVED PROCESS Centre of Food TRL 3: Applied Faculty and Completed and TRL 3: Applied No IP / Patented FOR PRODUCTION OF Ready for Processing research. First Student research. First Technology THERMOSTABLE laboratory tests Commercialization/I laboratory tests PIGMENTS FROM completed; proof of ncubati completed; proof of MONASCUS concept. concept. Applie d for Yes PURPUREUS Patent 2017 Patent Applica tion No 1104 5550 Year of 2017 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Dinesh Kumar Faculty Male dineshkumar@shooliniuniversity.co 9816321855 Co-Innovator Type Gender Name Email Contact Preeti Dogra Student Female preetidogra@shooliniuniversity.com 9816321855 TRL 3 : Applied research. First NANO BIOSENSOR Faculty and 2018 Completed and TRL 4: Small scale No No Biosensor IP / Patented Yes **BASED HANDHELD** Technology Lab Student Ready for prototype built in a Technology DEVICE FOR EARLY AND laboratory tests Commercialization/I laboratory ACCURATE DIAGNOSIS OF CELIAC DISEASE completed; proof of ncubati environment ("ugly" Total Seed Grant/Fund concept. Yes prototype). Applie d for Amount Patent Disbursed to above Idea/Prototype/I 2018 1100 Patent nnovations **Applica** Development by tion No 2327 Centre (In Rupees) 2018 Year of Patent 71000 Applica

tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innoval		Current Status Pre- Incubation/Incubati on Support Received	Innova of Ti	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	va Si dur incu n incu	Had the a/Prototype/Inno tions raised any eed fund/Angel nvestment/VC ring the period of receiving pre- ubation/incubatio support at your Pre- ubation/incubatio or institute during e financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator											
		Name		Туре			Gender			Email			ontact
	Ankur Kaushal			Faculty		Male			ankurkusha	al@shooliniuniversity.co	om	9882546292	
	Co-Innovator	•											
		Name		Туре			Gender			Email		Co	ontact
	Shagun Gupta			Faculty		Female	le		shagungup m	ta@shooliniuniversity.c	ю	8629878797	
	Dinesh Kumar			Faculty		Male			dineshkum m	ar@shooliniuniversity.c	0	9816321855	
PROCESS FOR THE SYNTHESIS OF NANOPARTICLES POSSESSING ANTI- CANCER ACTIVITY FROM PINUS ROXBURGHII BIOACTIVE FRACTION	Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 258  Year of Patent Applica tion	s 18 00 38	Completed and Ready for Commercialization/I ncubati	prototyp laborato	nent ("ugly"	No	No		No
	Principal Inn	ovator											
		Name		Туре			Gender			Email			ontact
	Reena Saini			Faculty		Female	le		reenasaini	@shooliniuniversity.com	n	8894568244	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has Innovation Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 TRL 3 : Applied research. First 2018 Completed but No No No Center of Faculty TRL 3: Applied A system for IP / Patented research. First drunken driver Excellence in Further Action Technology detection and Automobile laboratory tests Taken laboratory tests indication in completed; proof of completed; proof of Engineering vehicles and concept. Yes concept. Applie d for methods thereof Patent 2018 Patent 1100 Applica tion No 5532 Year of 2018 Patent Applica tion No **Principal Innovator** Name Type Gender Email Contact Male Brij Bhushan Faculty brijbhushan@shooliniuniversity.c 9816260108 TRL 3 : Applied research. First Faculty 2018 Completed and No No DNA based Biosensor TRL 3: Applied IP / Patented Ready for research. First electrochemical biosensor Technology Lab Technology laboratory tests Commercialization/I laboratory tests kit and uses thereof completed; proof of ncubati completed; proof of concept. Applie d for Yes concept. Patent 2018 Patent Applica tion No 1100 5529 2018 Year of Patent Applica No **Principal Innovator** Name Type Gender Email Contact 9882546292 Ankur Kaushal Faculty Male ankurkaushal@shooliniuniversity

.com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov		Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inr vations raised an Seed fund/Ange Investment/VC during the period receiving pre-incubation/incuba n support at you Pre-incubation/incuba n or institute durin the financial period 2018-19	income/revenue from Idea/Prototype/Inn vations for the pre- incubation/incubation in support and the services offered by Pre- incubation/incuba
	Co-Innovator	•										
		Name		Туре			Gender			Email		Contact
	Rupak Nagraik			Faculty		Male			rupaknagra m	aik@shooliniuniversity.co	7018858252	
	Dinesh Kumar			Faculty		Male			dineshkum m	ar@shooliniuniversity.co	9816321855	
A method for surface modification of low carbon steel and uses thereof	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent  Patent 20 Applica 11 tion No 55	es 018 1100 531 018	Completed but No Further Action Taken	TRL 3 : research laborato complete concept.	n. First ry tests ed; proof of	No	No	No
	Principal Inne	ovator										
		Name		Туре			Gender			Email		Contact
	Akshay Pathania			Faculty		Male			akshay.563	3@shooliniuniversity.com	m 8284871380	
	Co-Innovator											
		Name		Туре			Gender			Email		Contact
	Vishal			Student		Male			vishal@sho	poliniuniversity.com	8284871380	
	Sorabh Aggarwal			Faculty		Male			sorabhagg: com	arwal@shooliniuniversit	y. 9041996541	
	Shashank Thapa			Faculty		Male			sushank 53	37@shooliniuniversity.co	om 8894687446	

Idea / Prototype / In	novation have i	received Grant /	funding from F	re-Incubation /	Incubation Co	entre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn. vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
Anti-dandruff hair styling composition and method of preparation thereof	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 7045  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	C	ontact
	Deepak Nand Kish	ore Kapoor		Faculty	М	ale	deepakna versity.co	ndkishore.558@shoolini n	uni 9646142349	
	Co-Innovator	r								
		Name		Туре		Gender		Email	C	ontact
	Shalabh Bansal			Student	М	ale	shalabhba m	nsal@shooliniuniversity	.co 9646142349	
	Navneet Kumar Up	adhyay		Faculty	М	ale	nkupadhy	ay@shooliniuniversity.co	om 9805581371	
Enzymatic method for synthesis of precursor of bioactive peptide	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica 1100 1100 17618	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No

Year of Patent Applica tion

		cocived Grant	runding from r	re-incubation /	Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
P	Principal Inno	ovator								
		Name		Туре		Gender		Email	Co	ontact
Di	Dinesh Kumar			Faculty	Ma	le	dineshku m	mar@shooliniuniversity.co	9816321855	
C	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
Ne	leha Thakur			Student	Fer	nale	nehathak	ur@shooliniuniversity.com	9816321855	
A method for biodegradation of synthetic dyes by mycelia of Trametes elegans	vcology Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 7619  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).		No	No
Р	Principal Inno	ovator								
		Name		Туре		Gender		Email	Co	ontact
As	Astha Tripathi			Faculty	Fer	male	asthatripa	athi@shooliniuniversity.cor	m 9218718312	
C	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No Pharmaceutical TRL 3: Applied Faculty and Completed and TRL 4: Small scale No Development and IP / Patented Ready for evaluation of Sea research. First Student prototype built in a Product Technology Commercialization/I Buckthorn Development Lab laboratory tests laboratory completed; proof of (Hippophaerhamnoides I.) ncubati environment ("ugly" seed oil nanoemulsion gel concept. prototype). Applie d for Yes for would healing. Patent 2018 Patent Applica tion No 1100 8389 Year of 2018 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Deepak Nand Kishore Kapoor Faculty Male deepaknandkishore.558@shooliniuni 9646142349 versity.com Co-Innovator Type Gender Email Contact Name Tanu Rajvir Kaur Student Female tanurajvir@shooliniuniversity.com 9646142349 TRL 3: Applied TRL 3: Applied Photocatalyst for removing Photocatalysis Faculty and 2018 Completed but No No No No IP / Patented biotic and abiotic pollutant Centre research. First Student Further Action research. First Technology laboratory tests Taken laboratory tests present in water completed; proof of completed; proof of concept. concept. Applie d for Yes Patent 2018 1101 Patent **Applica** tion No 0039 2018 Year of Patent Applica

tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innvations for the pre incubation/incubati n support and the services offered by Pre- incubation/incubati n or institute during the financial period 2018-19?
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Pardeep Singh			Faculty	Male	9	pradeep.ku om	umar@shooliniuniversity.c	7018303146	
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Adesh K. Saini			Faculty	Male	Э	adeshsaini	@shooliniuniversity.com	8988205238	
	Pankaj Raizada			Faculty	Fem	nale	pankajraiza m	ada@shooliniuniversity.co	9418235023	
	Pooja Shandilya			Faculty	Fen	nale	poojashan om	dilya@shooliniuniversity.c	8894008485	
	Divya Mittal			Student	Fem	nale	divyamittal	@shooliniuniversity.com	7018303146	
Automatic rain water harvesting tank for domestic applications	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Adit Rana			Faculty	Male		": 0	shooliniuniversity.com	8119393854	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Inno	vation	Current Status Pre- Incubation/Incubati on Support Received	of TRL	Status of on, Stage . it has ched	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator											
		Name		Туре			Gender			Email	Co	ontact
	Ranchan Chauhan			Faculty		Male			ranchancha com	auhan@shooliniuniversi	ty. 9418011870	
	Raj Kumar			Faculty		Male			raj.me@sh	ooliniuniversity.com	7018322627	
	Nitin Kumar			Faculty		Male			nitin.me@s	hooliniuniversity.com	9736331930	
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.co	m 9416264981	
An indirect solar dryer system and uses thereof	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	d for Patent  Patent  Applica 1 tion No 0		Completed and Ready for Commercialization/I ncubati	TRL 4 : Si prototype laboratory environme prototype)	built in a ent ("ugly"	No	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Ranchan Chauhan			Faculty		Male			ranchancha com	auhan@shooliniuniversi	ty. 9418011870	
	Co-Innovator											
		Name		Туре			Gender			Email	Co	ontact
	A K Bhardwaj			Student		Male			akbhardwa	j@shooliniuniversity.cor	m 9418011870	
	Raj Kumar			Faculty		Male			raj.me@sh	ooliniuniversity.com	7018322627	
	Adit Rana			Faculty		Male			aditrana@a	shooliniuniversity.com	8679741043	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 2018 No No Fruit and Vegetable TRL 3: Applied Faculty and Completed and TRL 4: Small scale No Improved apparatus for IP / Patented Ready for Technology Lab research. First Student prototype built in a rapid and good quality Technology Commercialization/I vinegar production and laboratory tests laboratory completed; proof of method thereof ncubati environment ("ugly" concept. prototype). Applie d for Yes Patent 2018 Patent Applica tion No 1100 9973 Year of 2018 Patent Applica tion **Principal Innovator** Name Type Gender Email Contact Somesh Sharma Faculty Male someshsharma@shooliniuniversity.c 9418023062 Co-Innovator Type Gender Name Email Contact Vivek Sharma Student Male viveksharma@shooliniuniversity.com 9418023062 TRL 3: Applied Fruit and Vegetable Faculty and 2018 Completed and TRL 4 : Small scale No No No Therapeutic wine prepared IP / Patented by synergistic fermentation Technology Lab research. First Student Ready for prototype built in a of whole beet root pulp and Technology laboratory tests Commercialization/I laboratory apple juice concentrate completed; proof of ncubati environment ("ugly" concept. Applie d for Yes prototype).

Patent

Patent Applica tion No

Year of Patent Applica tion 2018 1101

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	funding from  Innovation Developed by	Pre-Incubation /  Year of Innovation /  Project Started	Incubation Cer	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inn	ovator								
	Somesh Sharma	Name		Type	Male	Gender	someshs om	Email harma@shooliniuniversity		ontact
	Co-Innovator									
	Shubham Pathak	Name		Type Student	Male	Gender	shubham com	Email pathak@shooliniuniversit		ontact
Thermostable bacteriocin and method thereof	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  2018  Year of Patent Applica tion  2018	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).		No	No
	Principal Inn	ovator								
	Somesh Sharma	Name		Type	Male	Gender	someshs	Email harma@shooliniuniversity		ontact
	Co-Innovator	Name		Туре		Gender		Email	C	ontact
	Kajal Kumari	rvame		Student	Fem		kajalkum	ari@shooliniuniversity.cor		Shtact -

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-Innovations incubation/incubatio Development n or institute during n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? No No TRL 3: Applied Faculty and 2018 Completed and TRL 4 : Small scale Rapid process for synthesis Bio-engineering IP / Patented Yes of biodegradable starch research. First Student Ready for prototype built in a Technology films from non-edible starch laboratory tests Commercialization/I laboratory completed; proof of ncubati environment ("ugly" sources Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1101 Development by 0846 Centre (In Rupees) Year of 2018 Patent 91000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Rahul Thorey Faculty rahul.560@shooliniuniversity.com 946626628 Co-Innovator Name Type Gender Email Contact Kawaljit Singh Sandhu Student Male 946626628 kawaljitsingh@shooliniuniversity.com Archana Sinhmar Student Female archanasinhmar@shooliniuniversity. 946626628 Nano biosensor based Biosensor TRL 3: Applied Faculty 2018 Completed and TRL 3: Applied No No IP / Patented Yes handheld device for quick Technology Lab research. First Ready for research. First Technology Commercialization/I diagnosis of rheumatic laboratory tests laboratory tests heart disease and method completed; proof of completed; proof of ncubati Total Seed Grant/Fund thereof concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I Patent 2018 nnovations Applica tion No 1101 Development by Centre (In 3029 Rupees)

Year of Patent

Applica tion

2018

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	(either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received any, income/reven- from Idea/Prototype/, vations for the incubation/incub n support and services offerer Pre- incubation/incub n or institute du the financial pe 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Ankur Kaushal			Faculty	Male		ankurkaus m	hal@shooliniuniversity.co	9882546292	
	Co-Innovator									
		Name		Туре		Gender		Email	С	ontact
	Dinesh Chatanta			Faculty	Male		dineshkum m	ar@shooliniuniversity.co	9816321855	
composition for enhancing the content of bioactive to content of bioactive to content and the content of the co	Plant tissue culture lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1101 4450  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  71000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Chandrika Attri			Faculty	Fema	ale	chandrikas m	seth@shooliniuniversity.co	9817251637	

Idea / Prototype / In	movation have r	eceived Grant /	tunding from F	Te-incubation /	mountain our	iti o / i doilitioo				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	An apparatus for sterilization and incubation	Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  56000	No
No		Dringing! Inn			-					
		Principal inne	ovator							
		Principal Inne	ovator Name		Туре	Ge	ender	Email		Contact
		Rupak Nagraik		Facul		Ge Male		aknagraik@shooliniuni		
Co-Innovator				Facul			rup	aknagraik@shooliniuni		Fluorine doped graphene based
Co-Innovator	Name			Facul			rup	aknagraik@shooliniuni n		Fluorine doped graphene based slurry type photocatalytic system for water
Co-Innovator  Kartik Chauhan	Name		Name Type	Facul	ity	Male	rup.con	aknagraik@shooliniunin	versity. 7018858252	Fluorine doped graphene based slurry type photocatalytic

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innove (TRL Stage		Year of Inr Project \$	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the preincubation/incubat n support and th services offered be Preincubation/incubat n or institute durir the financial peric 2018-19?
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Pradeep Singh			Faculty		Male			pradeep.kuma	ar@sholiniuniversity.com	7018303146		
Co-Innovator	Name		Туре			Gender			Email	Col	ntact	Anti-leishmaniasis extract from Ajuga bracteosa and method thereof
Adesh K. Saini			Faculty		Male			adeshsaini@s	shooliniuniversity.com	8988205238		
Pooja Shandilya			Faculty		Female			poojashandily m	a@shooliniuniversity.co	8894008485		
Pankaj Raizada			Faculty		Female			pankajraizada	@shooliniuniversity.com	9418235023		
Divya Mittal			Student		Female			divyamittal@s	shooliniuniversity.com	7018303146		
harmaceutical Product levelopment Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Technic Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2018 1101 6144 2018	Completed but No Further Action Taken	resear	: Applied rch. First ttory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  141000	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Swati Pundir			Student		Female			augatia un dis @	shooliniuniversity.com	7018581748		

dea / Prototype / In	novation have r	eceived Gra	nt / funding	ງ from Pre-Inc	ubation <i>i</i>	/ Incubation Cer	ntre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage			Innovation / ct Started	Type of Innovation	Incub o	ent Status Pre- pation/Incubati in Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubati n support and the services offered by Pre- incubation/incubati n or institute during the financial period 2018-19?
Co-Innovator												Anti-leishmaniasis extract from root of Asparagus
	Name			Туре		Gender			Email	Co	ntact	officinalis and method thereof
Neeraj Mahindroo			Faculty		Male			neeraj.mahine	droo@shooliniuniversity.	9816017554		
Raman Preet Singh			Faculty		Male			ramanpreet@	shooliniuniversity.com	7018581748		
Poonam Negi			Faculty		Female			poonam.546@	@shooliniuniversity.com	8054918093		
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Ted Applied for Pater  Pater Application N  Year of Pater Application N	t 2018 a 1101 b 6145	Completed but No Further Action Taken	resea	3 : Applied rch. First atory tests leted; proof of spt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  141000	No	No	
Principal Innovato	or											
	Name			Туре		Gender			Email	Со	ntact	
Swati Pundir			Student		Female			swatipundir@	shooliniuniversity.com	7018581748		
Co-Innovator												Power exo-skeleto
	Name			Туре		Gender			Email	Co	ntact	
Neeraj Mahindroo			Faculty		Male			neeraj.mahine	droo@shooliniuniversity.	9816017554		
Raman Preet Singh			Faculty		Male			ramanpreet@	shooliniuniversity.com	7018581748		

Female

poonam.546@shooliniuniversity.com

8054918093

Poonam Negi

Faculty

Idea / Prototype / In	novation have r	eceived Grant	:/funding from P	re-Incubation /	Incubation Cer	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatior (TRL Stage)	n Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Со	ntact	
Robin Thakur		Fa	aculty	Male		robinthakur@	shooliniuniversity.com	8894373150		
Co-Innovator										A method for extraction of essential oil extract from

Co-Innovator				
Name	Туре	Gender	Email	Contact
Nitin Rana	Faculty	Male	nitinrana@shooliniuniversity.com	8894373150
Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	7018508569
Varun Bhola	Student	Male	varunbhola@shooliniuniversity.com	8894373150
Nabin Kumar Sheet	Student	Male	nabinkumar@shooliniuniversity.com	8894373150
Vikrant	Student	Male	vikrant@shooliniuniversity.com	8894373150
Sunil Kumar	Faculty	Male	sunilkumar@shooliniuniversity.com	8894373150

from pleurospermum brunonis and uses thereof

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innoval (TRL Stage)	tion Innovation Developed by	Year of Inno Project Sta	vation / Tyl arted Tyl	pe of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenu from Idea/Prototype/Ir vations for the p incubation/incuban support and the services offered Preincubation/incuban or institute durithe financial peritude 1018-19?
Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent  Patent  Applica tion No	nted Fur	mpleted but No ther Action ken	resear labora	: Applied ch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovate												
Anuradha Sourirajan	Name		Type		Female	Gender		anuradha@sh	Email cooliniuniversity.com	9805645534	ntact	
										1		Induction based
Co-Innovator												apparatus for chemical synthes
	Name		Туре			Gender			Email	Co	ntact	
Kamal Dev			Faculty		Male			kamaldev@sh	nooliniuniversity.com	9418653905		
Prakriti Nidhi			Student		Female			prakritinidhi@	shooliniuniversity.com	9805645534		
D ' D !!			Student		Male			rajanrolta@sh	ooliniuniversity.com	9805645534		
Rajan Rolta		Faculty and	2018	IP / Pater	Cor	mpleted but No ther Action	TRL 3	: Applied	Yes	No	No	

dea / Prototype / Ir	novation have r	eceived Gran	/ funding from F	re-Incub	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	n Innovation Developed by	Year of Inr Project (	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati in Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenue from Idea/Prototype/In vations for the pi incubation/incuba n support and th services offered Pre- incubation/incuba n or institute duri the financial peri 2018-19?
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Deepak Kumar		Fa	aculty		Male			deepakkumar	@shooliniuniversity.com	7033443126		
												Screw turbine
Co-Innovator			_									efficiency measuring instrument
	Name	_	Туре			Gender			Email		ntact	modulion
Raman Preet Singh		Fa	aculty	1	Male	1		ramanpreet@	shooliniuniversity.com	7033443126		
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pat Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	Yes 3052 15 2018	Completed but No Further Action Taken	resea	3 : Applied rch. First atory tests leted; proof of ept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email		ntact	
Robin Thakur		Fa	aculty		Male			robinsampark	.thakur@gmail.com	8894373150		
Co-Innovator												Air-impingemen jets
	Name		Туре			Gender			Email	Co	ntact	
Kamal Kashyap		Si	udent		Male			kamalkashyar m	o@shooliniuniversity.co	8894373150		
Anil Kumar		Fa	aculty		Male			anilkumar@sl	nooliniuniversity.com	7018508569		
Nitin Kumar		Fa	aculty		Male			nitin.me@sho	oliniuniversity.com	9459691817		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ution Innovatio Developed	on Year of Inn I by Project S	ovation / Started	Type of Innovation	Incub	ent Status Pre- vation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incuba n support and th services offered Pre-incubation/incuba n or institute durithe financial perit 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pate Technology T		Completed but No Further Action Taken	resear	B : Applied rch. First atory tests leted; proof of ept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  90000	No	No	
Principal Innovat	or											
	Name		Ту	pe		Gender			Email		ntact	
Nitin Kumar			Faculty		Male			nitin.me@sho	oliniuniversity.com	9736331930		
Co-Innovator												Conversion of graphene into photocatalyst for
	Name		Ту	ре		Gender			Email	Со	ntact	waste water treatment
Anil Kumar			Faculty		Male			anilkumar@sh	nooliniuniversity.com	7018508569		antibacterial efficacy thereof
Ankit Thakur			Student		Male			ankitthakur@s	shooliniuniversity.com	9736331930		
Robin Thakur			Faculty		Male			robinsampark	.thakur@gmail.com	8894373150		
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pate Techno Applie d for Patent Patent Applica tion No		Completed and Ready for Commercialization/I ncubati	labora	3 : Applied rch. First atory tests leted; proof of opt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innov (TRL Stage		Year of Inr Project S	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incuba n support and th services offered I Pre-incubation/incuba n or institute durit the financial peric 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Pardeep Singh			Faculty		Male			pardeepsingh	@shooliniuniversity.com	7018303146		
Co-Innovator	Name		Туре			Gender			Email	Col	ntact	Green synthesize process for zinc oxide nanopartic using a plant extract of murray
Adesh K. Saini			Faculty		Male			adeshsaini@s	shooliniuniversity.com	8988205238		koeingii and its
Pooja Shandilya			Faculty		Female			poojashandily m	ra@shooliniuniversity.co	8894008485		
Pankaj Raizada			Faculty		Female			pankajraizada	@shooliniuniversity.com	9418235023		
Divya Mittal			Student		Female			divyamittal@s	shooliniuniversity.com	7018303146		
io-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Technor Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2018 1101 8237 2018	Completed and Ready for Commercialization/I ncubati	resea labora	3 : Applied rcch. First atory tests leted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  116000	No	No	
Principal Innovato	or			•			•					
	Name		Туре			Gender			Email	Co	ntact	
Pankaj Kumar Chauhan			Faculty		Male			nkchauhan@	shooiliniuniversity.com	9736957022		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innovati ) Develope	on Year of In d by Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator												Structure for hydrodynamic and thermal
	Name		Ty	/ре		Gender			Email	Co	ntact	performance of blockage
Avinash			Student		Male			avinash@sho	oiliniuniversity.com	9736957022		arrangements roughened solar air passage
Rupak Nagraik			Faculty		Male			rupaknagraik@	shooliniuniversity.com	7018858252		passage
Somesh Sharma			Faculty		Male			someshsharm m	a@shooliniuniversity.co	7018171525		
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pa Techr Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resear labora	: Applied rch. First story tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovate						Condon			Em il	0.0	-11	
Anil Kumar	Name		Faculty	/pe	Male	Gender			Email cooliniuniversity.com	8894175292	ntact	

Co-innovator				
Name	Туре	Gender	Email	Contact
Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150
Amar Raj Singh Suri	Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780
Raj Kumar	Faculty	Male	raj.me@shooliniuniversity.com	7018322627

Synthesis of magnetically separable graphitic carbon nitride based photocatalyst and methods thereof

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovation Developed by	Year of Inn y Project S	ovation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/Inivations for the princubation/incuba n support and th services offered to Pre-incubation/incuba n or institute durit the financial peric 2018-19?
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pate Technology   Applie d for Patent   Application No   Year of Patent   Application in No   Year of Patent   Application   Application		Completed and Ready for Commercialization/I ncubati	resear	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Pankaj Raizada			Faculty		Female			pankajraizada	@shooliniuniversity.com	n 8278743410		
Co-Innovator												A method for purification and characterization
	Name		Туре			Gender			Email	Co	ntact	versatile peroxidase (hybi
Anita Sudhaik			Student		Female			anitasudhaik@	shooliniuniversity.com	8278743410		peroxidase) from wild trametes versicolor
Adesh K. Saini			Faculty		Male			adeshsaini@s	shooliniuniversity.com	8988205238		Versionion
Pardeep Singh			Faculty		Male			pardeepsingh	@shooliniuniversity.com	9459316882		
Mycology Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pate Techno Applie d for Patent Patent Applica tion No		Completed but No Further Action Taken	labora	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by	No	No	

dea / Prototype / In	novation have i	eceived Gra	nt / funding from F	re-Incub	ation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovation Developed by	Year of Inn Project S	ovation / Started	Type of Innovation	Incub o	ent Status Pre- pation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Astha Tripathi			Faculty		Female			asthatripathi@	shooliniuniversity.com	9218718312		
Co-Innovator												A psychro- halophilic
CO-IIIIIOVAIOI	Name		Туре			Gender			Email	Co	ntact	rhodonellum psychrophilum
Neha Thakur	Name		Student		Male	Gender		nehathakur@	shooliniuniversity.com	9218718312	maor	strain gl8 and pigments thereof
FIST Sponsored	TRL 3 : Applied	Faculty and	2018			Completed and	TDI 2	3 : Applied		No	No	
Proteomics Lab	research. First laboratory tests completed; proof of concept.	Student		IP / Pat Techno Applie d for Patent Applica tion No Year of Patent Applica tion		Ready for Commercialization/I ncubati	resea labora	rch. First atory tests leted; proof of	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)			
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Kamal Dev			Faculty		Male			kamaldev@sh	nooliniuniversity.com	9418653905		
Co-Innovator												Natural liquid herbicide and method thereof
	Name		Туре			Gender			Email	Co	ntact	
Garima Bisht			Student		Female				shooliniuniversity.com	9418653905		
Anuradha Sourirajan			Faculty		Female				nooliniuniversity.com	9805645534		
Vikas Kumar			Faculty		Male			vikas.phd@sh	nooliniuniversity.com	9459527906		

ica / i Tototype / iiii	iovation nave i	cccived Gran	t / fullaling from f	TC-IIICUBA	tion / Incubation Ce	nuc/	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatic (TRL Stage)	n Innovation Developed by	Year of Innov Project Sta	ration / Type of Innovation	Incub	ent Status Pre- nation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation in support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/Inivations for the princubation/incuba n support and th services offered the Preincubation/incuba n or institute durit the financial peric 2018-19?
Molecular Plant Microbe nteraction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Patent Patent Applica tion No		resear labora	3 : Applied rch. First atory tests leted; proof of ppt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	r										
	Name		Туре		Gender			Email	Co	ntact	
Saurabh Kulshreshtha		F	aculty	1	<i>f</i> lale		saurabhkulshi ity.com	reshtha@shooliniunivers	9459241393		
											A method to identif

Co-Innovator				
Name	Туре	Gender	Email	Contact
Mamta Sharma	Faculty	Female	mamtasharma@shooliniuniversity.co m	9805330803
Sheetal Choudhary	Student	Female	sheetalchoudhary@shooliniuniversity.	9459241393
Shriya	Student	Female	shriya@shooliniuniversity.com	9459241393

A method to identify potential angiotensin converting enzymeinhibitory (ace inhibitors) compounds of moringa oleifera and uses thereof

Idea / Prototype / In	novation have r	eceived Grant	/ funding from F	Pre-Incuba	ation /	Incubation Cer	itre / F	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Inno Project St	ovation / tarted	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent Patent Applica tion No		Completed and Ready for Commercialization/I ncubati	labora	: Applied rch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Azhar Khan		Fa	culty		Male			azharkhan@s	shooliniuniversity.com	9459269791		
Co-Innovator												Hydraulic load carrier
	Name		Туре			Gender			Email	Со	ntact	
Huma Khan		Sti	udent		Female			humakhan@s	shooliniuniversity.com	9459269791		
Varun Jaiswal		Fa	culty		Male			varun.505@s	hooliniuniversity.com	9736490104		
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	d for Patent Patent Applica tion No	Yes 3062 43 2018	Completed but No Further Action Taken	resear labora	: Applied rch. First ttory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	

ldea / Prototype / Ini	novation have r	eceived Gra	nt / funding from l	Pre-Incub	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Ini Project	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati in Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Ankit Thakur			Student		Male			ankitthakur@s	shooliniuniversity.com	7018322627		
												Energy efficient
Co-Innovator												process for extraction of cellulose from pine
	Name		Туре			Gender			Email		ntact	needles bio-waste
Selam Lokanath			Student		Male			selamlokanatl m	h@shooliniuniversity.co	7018322627		
Sandeep Sharma			Student		Male			sandeepsharr om	ma@shooliniuniversity.c	7018322627		
Mayuri Vasmatkar			Student		Female			mayurivasma om	tkar@shooliniuniversity.c	7018322627		
B.S.R. Sai Vithal			Student		Male			bsrsaivithal@	shooliniuniversity.com	7018322627		
C.Narasimha Reddy			Student		Male			c.narasimhare com	eddy@shooliniuniversity.	7018322627		
Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pat Techn Applie d for Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	labora	3 : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  91000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Neeraj Gupta			Faculty		Male			neeraj.gupta@	shooliniuniversity.com	8894211891		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Fin-solar energy-storage	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No

Principal Innovator									
Name	Туре	Gender	Email	Contact					
Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292					

Co-Innovator Co-Innovator										
Name	Туре	Gender	Email	Contact						
Amar Raj Singh Suri	Faculty	Male	amarrajsingh@shooliniuniversity.co m	9882310780						
Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150						
Chaduvula Narasimha Reddy	Student	Male	c.narasimhareddy@shooliniuniversit y.com	8894175292						
B.S.R. Sai Vithal	Student	Male	bsrsaivithal@shooliniuniversity.com	8894175292						

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No Hydraulics Machine TRL 3: Applied Faculty and Completed but No TRL 3: Applied Roundtube heat-exchanger IP / Patented Yes and Solar Energy Centre research. First research. First Student Further Action Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 3062 Patent nnovations Applica tion No 45 Development by Centre (In Rupees) Year of 2018 Patent 40000 Applica tion **Principal Innovator** Name Туре Gender Email Contact Anil Kumar Faculty Male anilkumar@shooliniuniversitry.com 8894175292 2018 Molecular Plant TRL 3: Applied Faculty Completed and TRL 3: Applied No Low cost and eco-IP / Patented Yes research. First Ready for research. First friendly process for Microbe Interaction Technology Commercialization/I production of Centre laboratory tests laboratory tests biodiesel from completed; proof of completed; proof of ncubati Total Seed biowaste concept. concept. Yes Grant/Fund Applie d for Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations 1101 Applica Development by tion No 9763 Centre (In Rupees) 2018 Year of Patent 101000 Applica tion No **Principal Innovator** Name Type Gender Email Contact saurabhkulshreshtha@shooliniu Saurabh Kulshreshtha Faculty Male 9459241393 niversity.com

dea / Prototype / In	novation have r	received Grai	nt / funding from	Pre-Incul	bation /	Incubation Cer	ntre / F	acilities				l la dala a la cola ation
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati I Support Jeceived	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
Co-Innovator												Novel neuro- protective molecul
	Name		Туре			Gender			Email	Co	ntact	
Sunny Bindra			Student		Male			sunnybindra@	shooliniuniversity.com	9459241393		
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes  2018 1101 9919 2018	Completed and Ready for Commercialization/I ncubati	laborat	: Applied ch. First fory tests eted; proof of ot.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  141000	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Rohit Goyal			Faculty		Male			rohitgoyal@sl	hooliniuniversity.com	9816062679		
Co-Innovator												A nanocomposite electrochemical biosensor system
	Name		Туре			Gender			Email	Co	ntact	and uses thereof
Poonam Kumari			Student		Female			poonamkuma m	ari@shooliniuniversity.co	9816062679		
Vikas Sharma			Student		Male			vikassharma@	@shooliniuniversity.com	9816062679		
K. L. Dhar			Student		Male			kldbar@abaa	liniuniversity.com	9816062679		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)		Year of Innovatic Project Started	<sup>n /</sup> Type of Innovation	Current Status Incubation/Inc on Suppor Received	ubati Innovation, Stage t of TRL it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perion 2018-19?
Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 0547  Year of Patent Applica tion No 2018		TRL 3 : Applier research. First laboratory tests completed; pro concept.	Yes	No	No	
Principal Innovate	or									
	Name		Туре		Gender		Email	Co	ontact	
Ankur Kaushal			Faculty	Male		ankurk	aushal@shooliniuniversity.con	n 9882546292		
Co-Innovator										A system of car cabin suffocation
	Name		Туре		Gender		Email	Co	ontact	remover and methods thereof
Rupak Nagraik			Faculty	Male		rupakn	agraik@shooliniuniversity.com	7018858252		
Dinesh Kumar			Faculty	Male		dinesh	kumar@shooliniuniversity.com	9816321855		
Shagun Gupta			Faculty	Fem	ale	shagur	gupta@shooliniuniversity.com	n 8629878797		
Onagan Capia		Faculty and	2018		Completed but No	TRL 3 : Applied research. First		No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage		Year of Inno Project Si		ation Incul	ent Status Pre- oation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenu from Idea/Prototype/Ir vations for the p incubation/incubati
Principal Innova	tor										
	Name		Туре		Gender			Email	Со	ntact	
Bhaskar Goel			Faculty		Male		bhaskargoel (	@shooliniuniversity.com	9416264981		
Co-Innovator											Modified stator a rotor design of three phase
	Name		Туре		Gender			Email	Со	ntact	synchronous mo
Nipun Batis			Student		Male		nipunbatis@y	yahoo.com	9416264981		
Koushik Das Sharma			Faculty		Male		kdsarma@gr	nail.com	9416264981		
inkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	d for Patent Patent Applica tion No		resea labor	3 : Applied arch. First atory tests leted; proof of ept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innova	tor Name		Туре		Gender	1		Email	Co	ntact	
	Name		Faculty		Male			oliniuniversity.com	9418730373	maot-	

Idea / Prototype / In	novation have r	eceived Gra	nt / funding from F	re-Incub	oation /	Incubation Cen	tre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innoval (TRL Stage)	ion Innovation Developed by	Year of Inr Project S	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator												Hidden hydraulic runway and methods thereof
	Name		Туре			Gender			Email	Co	ntact	
Neeraj Gandotra			Faculty		Male			neerajgandoti m	ra@shooliniuniversity.co	9218301016		
Namita Saini			Student		Female			namitasaini@	shooliniuniversity.com	9418730373		
Shashank Thapa			Faculty		Male			sushank.537@	@shooliniuniversity.com	8894687446		
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Technic Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resear labora	s: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Sorabh Aggarwal			Faculty		Male			sorabhaggarv m	val@shooliniuniversity.co	7009924762		

dea / Prototype / In	novation have r	eceived Gr	ant / fur	nding from P	re-Incuk	oation /	Incubation Cen	itre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innov. (TRL Stage	ation )	Innovation Developed by	Year of Inr Project :	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation n support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
Co-Innovator							•						A strict-halophilic salinicoccus roseus
	Name			Туре			Gender			Email	Co	ntact	strain gl34 and pigments thereof
Mohit Kapoor			Student			Male			mohitkapoor@	shooliniuniversity.com	7009924762		
Dipansh Kandoria			Student			Male			dipanshkando om	oria@shooliniuniversity.c	7009924762		
Akansh			Student			Male			akansh@shoo	oliniuniversity.com	7009924762		
Chandan Panwar			Student			Male			chandanpanw m	rar@shooliniuniversity.co	7009924762		
Bhaskar Goel			Faculty			Male			bhaskargoel@	shooliniuniversity.com	9416264981		
FIST Sponsored Proteomics Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	201	18	IP / Pat Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	2018 1102 1212 2018	Completed but No Further Action Taken	labora	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovato	or												
	Name			Туре			Gender			Email	Со	ntact	
Kamal Dev			Faculty			Male			kamaldev@sh	nooliniuniversity.com	9418653905		
Co-Innovator													A Drug delivery system of carboxymethyl
	Name			Туре			Gender		Email		Contact		cellulose-cl- poly(lactic acidco-
Anuradha Sourirajan			Faculty			Female		anuradha@shooliniuniversity.com		9805645534		itaconic acid) or ZnO-Ag nanocomposite and	
Garima Bisht			Student			Female			garimabisht@shooliniuniversity.com		9418653905		methods thereof

Student

Sarita

aca / i lototype / ill	ilovation nave i	cccivca Grant	runaning ironiri	ic-incubation	/ incubation cer	itic / i aciiitics				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation Project Started	<sup>/</sup> Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation n support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1414  Year of Patent Applica tion No 2018	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovato	r									
	Name		Туре		Gender		Email	Co	ntact	
Adesh K. Saini		Fac	eulty	Male		adeshsaini@	shooliniuniversity.com	8988205238		
Co-Innovator										Automatic Floor- cleaner
	Name		Туре		Gender		Email	Co	ntact	
Deepak Pathania		Fac	culty	Male		deepakpatha m	nia@shooliniuniversity.co	9805440648		
Swadeep Sood		Stu	dent	Male		swadeepsoo	d@shooliniuniversity.com	8988205238		
Rakesh Kumar		Fac	eulty	Male		rajesh.su611	@shooliniuniversity.com	9816181515		

Female

8988205238

sarita@shooliniuniversity.com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  40000	No	No	

ovator

ı					
	Name	Туре	Gender	Email	Contact
	Robin Thakur	Faculty	Male	robinthakur@shooliniuniversity.com	8894373150

## Co-Innovator

Name	Туре	Gender	Email	Contact
Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	7018508569
Nitin Kumar	Faculty	Male	nitin.me@shooliniuniversity.com	9459691817
Saikat Ghosh	Student	Male	saikatghosh@shooliniuniversity.com	8894373150
Arshdeep Singh	Student	Male	arshdeepsingh@shooliniuniversity.co m	8894373150
Prashant Katuwal	Student	Male	prashantkatuwal@shooliniuniversity.c	8894373150
Yadhuveer Singh Thakur	Student	Male	yadhuveersingh@shooliniuniversity.co m	8894373150

A METHOD TO DEVELOP NON-CEREAL STARCH BASED EXTRUDED SNACKS Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio Developed by on Support Received of Seed Grant/Fund n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations Development n or institute during n or institute during the financial period the financial period 2018-19 during the financial period 2018-19 2018-19? 2018 No No Centre of Food Processing TRL 3: Applied Faculty and Completed and TRL 3: Applied IP / Patented Yes research. First Ready for research. First Student Technology Commercialization/I laboratory tests laboratory tests completed; proof of completed; proof of ncubati Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1102 Development by Centre (In 2737 Rupees) Year of 2018 Patent 66000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Ravinder Kaushik Faculty ravinder@shooliniuniversity.com 9416962729 Biological fluids Co-Innovator Bioanalytical method for simultaneous Gender Contact Name Type Email estimation of Saxagliptin and Student Male Anuj Saklani anujsaklani@shooliniuniversity.com 9416962729 Glimepiride in TRL 3: Applied Faculty 2018 Completed but No TRL 3 : Applied research. First No No Central Instrumentation IP / Patented Yes research. First Further Action Facility Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1102 Development by Centre (In 2580 Rupees) Year of 2018 Patent 116000 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)		Year of Inr Project		Type of Innovation	Incub o	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revent from Idea/Prototype/I vations for the p incubation/incub n support and t services offered Pre- incubation/incub n or institute dut the financial per 2018-19?
Principal Innova	tor											
	Name		Туре			Gender			Email	Co	ntact	
Navneet Kumar Upadhya	у		Faculty		Male			NKupadhyay	@shooliniuniversity.com	9805581371		
Co-Innovator												Rapid process f the synthesis of hydroxymethyl
	Name		Туре			Gender			Email	Co	ntact	furfural
Poonam Negi			Faculty		Female			poonam.546	@shooliniuniversity.com	8054918093		
Sameer Sapra			Faculty		Male			sameersapra	@shooliniuniversity.com	9316854615		
Centre of Organic Chemistry	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pat Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	resea	3 : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  81000	No	No	
Principal Innova	tor		Туре			Gender			Email	Co	ntact	
	- Name		Туре			Gender			Email	88942118911	maet	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
RHIZOME EXTRACT OF BISTORTAMACROPHYLL A	Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1102 tion No 2736  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No

Principal Innovator				
Name	Туре	Gender	Email	Contact
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534

Co-Innovator									
Name	Туре	Gender	Email	Contact					
Anjali Kashyap	Student	Female	anjalikashyap@shooliniuniversity.co m	9805645534					
Shivani Shukla	Student	Female	shivanishukla@shooliniuniversity.co m	9805645534					
Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.com	9805645534					
Vikas Kumar	Faculty	Male	vikas.phd@shooliniuniversity.com	9459527906					
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534					
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905					

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from Name of Idea / POC / during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No SMOKE AND Tinkering Lab TRL 3: Applied Faculty Completed and TRL 3: Applied IP / Patented Yes Ready for research. First TEMPERATURE SENSOR research. First Technology Commercialization/I SYSTEM FOR CONTROL laboratory tests laboratory tests completed; proof of EXHAUST FAN AND ncubati completed; proof of Total Seed Grant/Fund KITCHEN CHIMNEY concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 1102 Patent nnovations Applica tion No Development by 2929 Centre (In Rupees) Year of 2018 Patent 56000 Applica tion **Principal Innovator** Name Type Gender Email Contact Brij Bhushan Faculty Male brijbhushan@shooliniuniversity.com 9816260108 2018 TRL 3: Applied A SYSTEM OF Cyberoam Lab TRL 3: Applied Faculty Completed but No No IP / Patented Yes POWER SUPPLY research. First Further Action research. First Technology FOR COMPUTER laboratory tests Taken laboratory tests DESKTOP CPU completed; proof of completed; proof of Total Seed WITH BACKUP concept. concept. Grant/Fund Yes Applie d for Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations 1102 Applica Development by tion No 2930 Centre (In Rupees) Year of 2018 Patent 56000 Applica tion No **Principal Innovator** Name Type Gender Email Contact brijbhushan@shooliniuniversity.c Brij Bhushan Faculty Male 9816260108

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
AUTOMATIC AC MAINS CUT OFF SYSTEM ON LPG GAS LEAKAGE USING ARDUINO WITH SMS ALERT TO THE USERS		Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1102 tion No 2928  Year of Patent Applica tion	Completed and Ready for Commercialization ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  76000	No
	No	Principal Inne	ovator							
			Name		Туре	Ge	nder	Email		Contact
		Brij Bhushan		Facu	lty	Male		brijbhushan@shooliniunive om	ersity.c 9816260108	
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Pankaj Vaidya			Faculty	Ma	ale	pankaj.v m	aidya@shooliniuniversity.c	o 9418080977	
	Pankaj Vaidya			Faculty	Ма	ale	pankaj.v m	aidya@shooliniuniversity.c	o 9418080977	

Anita Sudhaik

Adesh K Saini

Pardeep Singh

idea / Prototype / ini	ilovation nave i	eceived Grant /	runding ironi r	16-IIICubation /	IIICUDALIOII (	Jenine / Lacinnes				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovati	Current Status Pre- Incubation/Incubati on Support Received	Current Sta Innovation, of TRL it reache	Stage agencies) in terms has of Seed Grant/Fund	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
GRAPHITIC CARBON NITRIDE BASED METAL FREE NANOCOMPOSITES FOR PESTICIDE DEGRADATION AND BACTERIAL DISINFECTION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1102 tion No 3694  Year of Patent Applica tion	Commercialization/I ncubati	TRL 3 : Appli research. Fir laboratory te: completed; p concept.	st Yes	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Pankaj Raizada			Faculty		Female	pa m	nkajraizada@shooliniuniversity.o	8278743410	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Co	ontact

Female

Male

Male

8278743410

8988205238

9459316882

anitasudhaik@shooliniuniversity.com

adeshsaini@shooliniuniversity.com

pardeepsingh@shooliniuniversity.co m

Student

Faculty

Faculty

Sundar M

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
MULTIPURPOSE ALLEN KEY	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Sorabh Aggarwal			Faculty	M	ale	sorabhagg com	garwal@shooliniuniversity	7009924762	
	Co-Innovator	•								
		Name		Туре		Gender		Email	Co	ontact
	Deepika Sharma			Student	Fe	emale	deepikash om	arma@shooliniuniversity.	.c 7009924762	
	Narasimha Reddy			Student	М	ale	narasimha com	areddy@shooliniuniversity	7009924762	
	Swati			Student	Fe	emale	swati@sh	ooliniuniversity.com	7009924762	
	Susmitha K			Student	Fe	emale	susmitha	shooliniuniversity.com	7009924762	

Male

sundar@shooliniuniversity.com

7009924762

Student

Adit Rana

Raj Kumar

idea / i retetype / iii			rumaning ir om i							i
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
SEALING SYSTEM OF BANJO BEAM DURING AIR LEAK OPERATION	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Yes 2018 2018 2018 2018 2018 2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  76000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Abhilash Pathania			Faculty	Ма	le	abhilashpa com	nthania@shooliniuniversit	y. 9418503057	
	Co-Innovator	•								
		Name		Туре		Gender		Email	Co	ontact
	Haseem Shaikh			Student	Ma	le	haseemsh m	aikh@shooliniuniversity.c	9418503057	

Male

Male

8679741043

7018322627

aditrana@shooliniuniversity.com

raj.me@shooliniuniversity.com

Faculty

Faculty

Deepika Sharma

Swati

idea / Prototype / in	novation nave i	received Grant /	runding from F	re-incubation /	incubation Ce	entre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
UNIVERSAL ALLEN KEY	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Yes 2018 2018 2018 2018 2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  91000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Sorabh Aggarwal			Faculty	Ma	ale	sorabhag com	garwal@shooliniuniversity	7009924762	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Co	ontact
	Narasimha Reddy			Student	Ma	ale	c.narasin	nha@shooliniuniversity.co	n 7009924762	
	Sundar M			Student	Ma	ale	sundar@	shooliniuniversity.com	7009924762	
	Susmitha K			Student	Fe	male	susmitha	@shooliniuniversity.com	7009924762	

Female

Female

7009924762

7009924762

swati@shooliniuniversity.com

deepikasharma@shooliniuniversity.com

Student

Student

						during the financial period 2018-19	the financial period 2018-19	n or institute during the financial period 2018-19?
POLYPHENOLIC COMPOUND PYCNOGENOL FROM PINUS PINASTER TARGET ANGIOTENSIN TYPE 1 RECEPTOR A PROMISING BLOOD PRESSURE REGULATOR	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1102 tion No 28256  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No

Principal Innovator								
Name	Туре	Gender	Email	Contact				
Azhar Khan	Faculty	Male	azharkhan@shooliniuniversity.com	9459269791				

Co-Innovator Co-Innovator									
Name	Туре	Gender	Email	Contact					
Huma Khan	Student	Female	humakhan@shooliniuniversity.com	9459269791					
Nitika Chauhan	Student	Male	nitikachauhan@shooliniuniversity.co m	9459269791					
Saurabh Kulshreshtha	Faculty	Male	sourabhkulshreshtha@shooliniuniver sity.com	9625033405					

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
AIR-IMPINGEMENT JETS	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Amar Raj Singh Su	i		Faculty Male		9	amarrajsingh@shooliniuniversity.co m		9882310780	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Anil Kumar			Faculty	Male	9	anilkumar@	shooliniuniversity.com	7018508569	
	Robin Thakur			Faculty	Male	9	robinsamp	ark.thakur@gmail.com	8894373150	
	Neeraj Chandel			Student	Male	9	neerajchar m	ndel@shooliniuniversity.co	9882310780	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A METHOD OF FORMULATION OF CINNAMON OIL NANOEMULSION FOR ANTIBACTERIAL EFFICACY	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 8254  Year of Patent Applica tion Mo 8254	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No

Principal Innovator				
Name	Туре	Gender	Email	Contact
Ravinder Kaushik	Faculty	Male	ravinder@shooliniuniversity.com	9416962729

Co-Innovator				
Name	Туре	Gender	Email	Contact
Azhar Khan	Faculty	Male	azharkhan@shooliniuniversity.com	9459269791
Ruhi Pathania	Student	Female	ruhipathania@shooliniuniversity.com	9416962729
Prince Chawla	Student	Male	princechawla@shooliniuniversity.co m	9416962729
Tanu Devi	Student	Female	tanudevi@shooliniuniversity.com	9416962729

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A method for Dielectric relaxation in BaCaTiO3 material for multilayer ceramic capacitor	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 271  Year of Patent Applica tion 2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Mamta Shandilya			Faculty Fema		emale mamtashar com		nandilya@shooliniuniversity. 9857166118		
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Shweta Thakur	Shweta Thakur			Student Fem.		shwetathal m	kur@shooliniuniversity.co	9857166118	
	Radheshyam Rai			Faculty	Male		radheshya	m@shooliniuniversity.com	n 8521588056	
	Rajesh Kumar			Faculty	Male		rajesh.su6 <sup>-</sup> m	11@shooliniuniversity.co	9817108446	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No A METHOD FOR Mycology Centre TRL 3: Applied Faculty and Completed and TRL 3: Applied Yes IP / Patented Ready for research. First **CULTIVATION OF WILD** research. First Student Technology IRPEX LACTEUS FUNGI laboratory tests Commercialization/I laboratory tests completed; proof of ncubati completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1103 Development by 1009 Centre (In Rupees) Year of 2018 Patent 61000 Applica tion **Principal Innovator** Name Type Gender Email Contact Astha Tripathi Faculty Female asthatripathi@shooliniuniversity.com 9817755402 Co-Innovator Name Type Gender Email Contact Isha Sharma Student Female ishasharma@shooliniuniversity.com TRL 3: Applied Faculty and 2018 Completed but No TRL 3: Applied No No **GREEN SYNTHESIZED** Centre of IP / Patented Yes TiO2 NANOFLUID FOR research. First Further Action research. First Nanotechnology Student Technology ENHANCED THERMAL laboratory tests Taken laboratory tests STORAGE CAPACITY OF completed; proof of completed; proof of Total Seed Grant/Fund (CH2OH)2 concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1103 Development by 1209 Centre (In Rupees) Year of 2018 Patent 126000 Applica

tion

Idea / Prototype / Inn	ovation have r	eceived Grant /	funding from I	Pre-Incubation /	Incubation	Centre /	Facilities							
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	Incub	ent Status Pre- pation/Incubati in Support Received	Current Statu Innovation, S of TRL it ha reached	tage agencies) in terms as of Seed Grant/Fund	Had the Idea/Prototype/Ini vations raised an Seed fund/Ange Investment/VC during the period receiving pre-incubation/incubat n support at you Pre-incubation/incubat n or institute durir the financial period 2018-19	income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation n support and the services offered by Pre-incubation/incubation/incubation of incubation/incubation of incubation/incubation of incubation/incubation			
	Principal Inne	ovator												
		Name		Туре			Gender		Email		Contact			
	Rajesh Kumar			Faculty		Male		raje: m	shsharma@shooliniuniversity.c	8219200439				
	Co-Innovator Co-Innovator													
	Name			Туре		Gender			Email		Contact			
	Ankush Chauhan	Ankush Chauhan			Student		Male al		ushchauhan@shooliniuniversit	y.c -	-			
	Ritesh Verma			Student		Male		rites	hverma@shooliniuniversity.co	m -				
	Allah Dekama Jara			Student		Male		allal	ndekama@shooliniuniversity.co	om -				
	Mamta Shandilya			Faculty		Female mamta com		ntashandilya@shooliniuniversit	y. 9857166118	9857166118				
NANO BIOSENSOR BASED HANDHELD DEVICE FOR DETECTION OF GENTIOPICROSIDE AND METHOD THEREOF	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patente Technology  Applie d for Patent  Patent Applica tion No 260  Year of Patent Applica tion	Ready Comm ncuba	nercialization/l	TRL 3 : Applier research. First laboratory test completed; proconcept.	res	No	No			
	Principal Inne	ovator		•		•					•			
		Name		Туре		Gender			Email		Contact			
	Ankur Kaushal			Faculty		Male			ankurkaushal@shooliniuniversity.co m		9882546292			

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre Stage of Innovation Innovation Developed b		Innovation Developed by	Year of Innovation / Type of Innova Project Started Type of Innova		Current Status Pre- Current Incubation/Incubati Innovation on Support of TRI Received read		Financial support (either own resource or fund fereceived from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revent from Idea/Prototype/I vations for the pincubation/incub n support and t services offered Pre-incubation/incub n or institute duthe financial per 2018-19?	
	Co-Innovator										
		Name		Туре		Gender		Email	C	ontact	
	Chandrika Attri			Faculty	Fe	Female chan		kaseth@shooliniuniversity.co	9817251637	9817251637	
	Amit Seth			Faculty M		Male amitseth		n@shooliniuniversity.com	9459037197		
	Shagun Gupta			Faculty	Fe	male	shagun m	gupta@shooliniuniversity.co	8629878797		
	Vidhushi Dhasmana			Student		Female		idhasmana@shooliniuniversi	t -	-	
SPIN-DEPENDENT TRANSPORT PROPERTIES OF GRAPHITE NANOSTRUCTURES AND METHODS THEREOF	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Yes 2018 1103 3049  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Yes	No	No	
	Principal Inne	ovator									
		Name		Туре	Туре			Email	Co	ontact	
	Rajesh Kumar			Faculty Male		le	rajeshs m	eshsharma@shooliniuniversity.co 8219200439			

dea / Prototype / Inr	novation have i	received Grant /	funding from	Pre-Incubation /	Incubation	Cent	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubatin support and the services offered by Pre-incubation/incubatin or institute during the financial perior 2018-19?	
	Co-Innovator	1										
		Name		Туре			Gender		Email	Co	ontact	
	Allah Dekama Jara			Student		Male		allahdeka	ma@shooliniuniversity.co	m -		
	Ritesh Verma			Student		Male		riteshvern	na@shooliniuniversity.con	1 -		
	Ankush Chauhan			Student		Male ankushchar om			auhan@shooliniuniversity			
A METHOD FOR CONSTRUCTION OF TYPE II PHOTOCATALYST FOR ENHANCED PHOTOCATALYTIC PERFORMANCE AND USES THEREOF	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patente Technology  Applie d for Patent  Patent Applica 111 tion No 30  Year of Patent Applica tion	s 18 03 51	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  86000	No	No	
	Principal Innovator											
		Name		Туре			Gender		Email	Co	ntact	
	Pankaj Raizada					Fema	le	pankajraiz m	zada@shooliniuniversity.c	8278743410		
	Co-Innovator	r										
		Name		Туре			Gender		Email	Co	ontact	
	Anita Sudhaik			Student		Fema	le	anitasudh	aik@shooliniuniversity.co	n -		
	Pardeep Singh			Faculty I		Male			pardeepsingh@shooliniuniversity.co m		9459316882	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from during the period of Name of Idea / POC / Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No A METHOD Photocatalysis TRL 3: Applied Faculty and Completed but No TRL 3: Applied IP / Patented Yes FORFABRICATION OF research. First research. First Student Further Action Centre Technology DIRECT Z-SCHEME laboratory tests Taken laboratory tests PHOTOCATALYST FOR completed; proof of completed; proof of Total Seed Grant/Fund WATER PURIFICATION concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1103 Development by 3393 Centre (In Rupees) Year of 2018 Patent 115100 Applica tion **Principal Innovator** Name Type Gender Email Contact Pankaj Raizada Faculty Female pankajraizada@shooliniuniversity.co 8278743410 Co-Innovator Name Type Gender Email Contact Anita Sudhaik Student Female anitasudhaik@shooliniuniversity.com Male Pardeep Singh Faculty pardeepsingh@shooliniuniversity.co 9459316882 TRL 3 : Applied research. First A System Of Photocatalysis TRL 3: Applied Faculty and 2018 Completed but No No No IP / Patented Yes **CONVERTING BIOI INTO** research. First Student Further Action Centre Technology MAGNETIC laboratory tests Taken laboratory tests PHOTOCATALYST FOR WASTEWATER completed; proof of completed; proof of Total Seed concept. concept. Grant/Fund Yes Applie d for TREATMENT Amount Disbursed to Patent above Idea/Prototype/I 2018 1103 Patent nnovations Applica Development by tion No 3394 Centre (In Rupees) 2018 Year of Patent 146000 **Applica** tion

Idea / Prototype / Inn	novation have r	eceived Grant /	funding from	Pre-Incubation /	Incubation	Centr	re / Facilities						
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre Stage of Innovation Innovation CRL Stage) Developed by		Year of Innovation / Project Started	Type of Innova		Current Status Pre- Incubation/Incubati on Support Received	Current S Innovatior of TRL reach	n, Stage it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Var Si dur incu n incu n o	Had the a/Prototype/Inno tions raised any eed fund/Angel nvestment/VC ring the period of receiving pre-ubation/incubatio support at your Pre-ubation/incubatio or institute during e financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?	
	Principal Inne	ovator											
		Name		Туре			Gender			Email		Co	ontact
	Pankaj Raizada			Faculty		Female	е		oankajraiza n	ada@shooliniuniversity.c	co	8278743410	
	Co-Innovator												
		Name		Туре			Gender			Email		Co	ontact
	Pardeep Singh F		Faculty		Male			pardeepsingh@shooliniuniversity.co m		o	9459316882		
	Adesh Saini		Faculty		Male		a	adeshsaini	@shooliniuniversity.com	1	8988205238		
	Anita Sudhaik	Anita Sudhaik		Student		Female ar		anitasudhaik@shooliniuniversity.com		om	-		
	Rajesh Sharma			Faculty		Male			rajeshsharma@shooliniuniversity.co m		co 8219200439		
Ag3VO4 MODIFIED PHOSPHORUS AND SULPHUR CO-DOPED GRAPHITIC CARBON NITRIDE AS HIGH- DISPERSED PHOTOCATALYST FOR PHENOL MINERALIZATION AND E. COLI DISINFECTION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patente Technology  Applie d for Patent  Patent Applica tion No 33:  Year of Patent Applica tion	18 03 92	Completed but No Further Action Taken	TRL 3 : Appresearch. Flaboratory to completed; concept.	irst tests	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No		No
	Principal Inne	ovator											
		Name		Туре			Gender			Email		Co	ontact
	Pankaj Raizada			Faculty		Female	e		oankajraiza n	ada@shooliniuniversity.c	co	8278743410	

provided any Idea/Proto Financial support vations for (either own Seed fur resource or fund Investm	Had the rototype/Inno s raised any fund/Angel from
Innovation / Prototype Received Funding / Grant from Centre  Stage of Innovation (TRL Stage)  Developed by  Project Started  Project Started  Project Started  Project Started  Type of Innovation Project Started  Type of Innovation Received  Received  Received  Innovation, Stage of TRL it has of Seed Grant/Fund Support to Idea / n support Prototype Project Started  Received   stment/VC the period of siving pretion/incubatio port at your Pretion/incubatio stitute during ancial period 018-19	
Co-Innovator	
Name Type Gender Email	Contact
Anita Sudhaik Student Female anitasudhaik@shooliniuniversity.com -	
Adesh K.Saini Faculty Male adeshsaini@shooliniuniversity.com 89882	88205238
Pardeep Singh Faculty Male pardeepsingh@shooliniuniversity.co 94593	59316882
ANTIMICROBIAL EFFICACY AND SYNTHESIS OF BIOGENIC ZINC OXIDE NANOPARTICLES USING A PLANT EXTRACT OF WILD HIMALAYAN FICUS PALMATA  Bio-engineering Lab Singled research. First laboratory tests completed; proof of concept.  Faculty and Student  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty and Student  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development (b) Rupees)  Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development (b) Rupees)  121000	No
Principal Innovator	
Name Type Gender Email	Contact
Pankaj Kumar Chauhan Faculty Male pkchauhan@shooliniuniversity.com 97369	36957022
Co-Innovator	
Name Type Gender Email	Contact
Avinash Student Male avinash@shooliniuniversity.com -	
Rupak Nagraik Faculty Male rupaknagraik@shooliniuniversity.co 70188	18858252
Somesh Sharma Faculty Male someshsharma@shooliniuniversity.c 70181	18171525

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-Innovations incubation/incubatio n or institute during Development n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? No No Centre of Food TRL 3: Applied Faculty and 2018 Completed but No TRL 3: Applied A METHOD FOR IP / Patented Yes PRETREATMENT OF Processing research. First Student Further Action research. First Technology AGRO-INDUSTRIAL laboratory tests Taken laboratory tests completed; proof of LIGNOCELLULOSIC completed; proof of Total Seed Grant/Fund WASTE BIOMASS TO concept. concept. Applie d for Yes PRODUCE Amount **FERMENTABLE** Disbursed to Patent REDUCING SUGARS FOR above USE IN BIOFUEL Idea/Prototype/I 2018 Patent **PRODUCTION** nnovations Applica tion No 1103 Development by 4499 Centre (In Rupees) Year of 2018 Patent 86000 **Applica** tion **Principal Innovator** Name Type Gender Email Contact Dinesh Kumar Faculty Male dineshkumar@shooliniuniversity.co 9816321855 Co-Innovator Type Gender Name Email Contact Student Male karansurya@shooliniuniversity.com Karan Surya TRL 3: Applied A METHOD FOR Photocatalysis Faculty and 2018 Completed but No TRL 3: Applied No No IP / Patented Yes IMPROVING research. First Student Further Action research. First Centre Technology **PHOTOCATALYTIC** laboratory tests Taken laboratory tests **ACTIVITY OF BIOBr FOR** completed; proof of completed; proof of Total Seed PHENOL DEGRADATION concept. concept. Yes Grant/Fund Applie d for Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations 1103 **Applica** Development by tion No 5175 Centre (In Rupees) 2018 Year of Patent 91000 Applica tion

idea / Prototype / iiii	novation nave r	eceived Grant /	tunding from I	Pre-Incubation /	Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Pardeep Singh			Faculty	Mal	e	pardeeps m	ingh@shooliniuniversity.c	o 7018303146	
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Pardeep Singh			Faculty	Mal	e	pardeeps m	ingh@shooliniuniversity.c	o 9459316882	
	Anita Sudhaik			Student	Fen	nale	anitasudl	naik@shooliniuniversity.co	m -	
Dielectric relaxation in BaMgTiO3 material synthesized by hydrothermal method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Mamta Shandilya			Faculty	Fen	nale	mamtash com	andilya@shooliniuniversit	y. 9857166118	

Idea / Prototype / In	novation have i	eceived Grant /	funding from	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	ation	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TF	t Status of ion, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations ir Development	Had the lea/Prototype/Inno rations raised any Seed fund/Angel Investment/VC uring the period of receiving precubation/incubation support at your Precubation/incubatio or institute during le financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	Co	ontact
	Shweta Thakur			Student		Fema	ale		shwetathak m	cur@shooliniuniversity.co	-	
	Radheshyam Rai			Faculty		Male			radheshyar	m@shooliniuniversity.com	8521588056	
	Rajesh Kumar			Faculty		Male			rajeshsharr m	ma@shooliniuniversity.co	9817108446	
PROTOTYPE OF NATURAL MODE INDIRECT SOLAR DRYER FOR DRYING OF GINGER (ZINGIBER OFFICINALE) IN HIMALAYAN REGION	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Applica 11 tion No 51	y	Completed and Ready for Commercialization/I ncubati	TRL 3 : . research laborato complete concept.	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  91000	0	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	Co	ontact
	Rajesh Kumar			Faculty		Male			rajeshsharr m	ma@shooliniuniversity.co	8219200439	
	Co-Innovator	,										
		Name		Туре			Gender			Email	Co	ontact
	Ritesh Verma			Student		Male			riteshverma	a@shooliniuniversity.com	-	
	Humesh Thakur			Student		Male			humeshtha m	kur@shooliniuniversity.co	-	
	l											

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status of Name of Idea / POC / Current Status Prereceived from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? No No A SYSTEM OF Hydraulics Machine TRL 3: Applied Faculty and 2018 Completed but No TRL 3: Applied IP / Patented Yes ARTIFICIAL NEURAL and Solar Energy research. First Further Action research. First Student Technology NETWORK MODEL FOR Centre laboratory tests Taken laboratory tests PRECISE ESTIMATION completed; proof of completed; proof of Total Seed Grant/Fund OF GLOBAL SOLAR RADIATION concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1103 Development by 6457 Centre (In Rupees) Year of 2018 Patent 86000 **Applica** tion **Principal Innovator** Name Type Gender Email Contact Rajesh Kumar Faculty Male rajeshsharma@shooliniuniversity.co 8219200439 Co-Innovator Name Type Gender Email Contact Sunil Pathania Male sunilpathania@shooliniuniversity.co 8988175621 Faculty Rajeev Kumar Aggarwal Student Male raieevkumar@shooliniuniversitv.com AN OINTMENT FOR Molecular Plant TRL 4: Small scale Faculty and 2018 Completed and TRL 5: Large scale No No IP / Patented Yes WOUND HEALING Microbe Interaction prototype built in a Ready for prototype tested in Student Technology CONSISTS OF HYDRO Commercialization/I Centre laboratory intended ALCOHOLIC EXTRACT environment ("ugly" ncubati environment. Total Seed OF MORINGA OLEIFERA prototype). Grant/Fund Yes Applie d for SEEDS Amount Patent Disbursed to above Idea/Prototype/I Patent 2018 nnovations 1103 Applica Development by tion No 6458 Centre (In Rupees) 2018 Year of Patent 131000 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation n support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Prakrati Garg			Student	F	emale	prakriti41	7@gmail.com	9805021437	
	Co-Innovator	,								
		Name		Туре		Gender		Email	С	ontact
	Aaliya Ali	saliya Ali S			F	emale	aaliyaali@	shooliniuniversity.com	-	
	Saurabh Kulshresht			Faculty	N	ale	sourabhk sity.com	ulshreshtha@shooliniuniv	ver 9459241393	
	Rohit Goyal			Faculty	N	ale	rohitgoya	@shooliniuniversity.com	9816062679	
	Azhar Khan			Faculty		ale	azharkha	azharkhan@shooliniuniversity.com		
NEW EMPIRICAL SYSTEM FOR THE ESTIMATION OF GLOBAL SOLAR RADIATION FOR INDIAN LOCATIONS	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No CH26456  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Rajesh Kumar			Faculty	N	ale	rajeshsha m	rma@shooliniuniversity.c	8219200439	

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-Innovations incubation/incubatio Development n or institute during n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? Co-Innovator Name Type Gender Email Contact Ritesh Verma Student Male riteshverma@shooliniuniversity.com Male Rajeev Kumar Aggarwal Student rajeevkumar@shooliniuniversity.com No NANOSCALE RESTRAINT Centre of TRL 3: Applied Faculty and 2018 Completed but No TRL 3: Applied No IP / Patented Yes OF POLAR COUPLING IN Nanotechnology research. First Student Further Action research. First Technology Ba0.85Mg0.15TiO3 laboratory tests Taken laboratory tests RELAXOR FERRO completed; proof of completed; proof of Total Seed Grant/Fund **ELECTRIC** concept. Applie d for Yes concept. Amount Patent Disbursed to above Idea/Prototype/I Patent 2018 nnovations **Applica** 1103 Development by tion No 6624 Centre (In Rupees) 2018 Year of Patent 106000 **Applica** tion **Principal Innovator** Type Gender Email Contact Name Mamta Shandilya Faculty Female mamtashandilya@shooliniuniversity. 9857166118 Co-Innovator Name Type Gender Email Contact Male 8521588056 Radheshyam Rai Faculty radheshyam@shooliniuniversity.com Rajesh Kumar Faculty Male 8219200439 rajeshsharma@shooliniuniversity.co Poonam Kumari Student Female poonamkumari@shooliniuniversity.c Male Ritesh Varma Student riteshverma@shooliniuniversity.com

Idea / Prototype / In	novation have i	received Grant /	/ funding from	Pre-Incubation /	Incubation C	entre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-	Innovation of TRI	Status of on, Stage L it has ched	(either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
NOVEL AG BASED HETEROJUCTIONED NANOCATALYST FOR WASTEWATER PURIFICATION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : A research, laboratory completed concept.	First	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  116000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	С	ontact
	Pankaj Raizada			Faculty	F	emale		pankajraiza m	ada@shooliniuniversity.co	8278743410	
	Co-Innovator	r									
		Name		Туре		Gender			Email	С	ontact
	Anita Sudhaik			Student	F	emale		anitasudha	ik@shooliniuniversity.co	n -	
	Pardeep Singh			Faculty	N	lale		pardeepsir m	gh@shooliniuniversity.co	9459316882	
A METHOD FOR ENHANCING PHOTOCATALYTIC ACTIVITY OF EU3 DOPED ZNO USING BI2O3 AND GRAPHENE OXIDE FOR WATER PURIFICATION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : A research. laboratory completed concept.	. First y tests d; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovatio	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	(either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innuvations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Pardeep Singh			Faculty	N	lale	pardeepsii m	ngh@shooliniuniversity.co	7018303146	
	Co-Innovator									
		Name		Туре		Gender		Email	С	ontact
	Pankaj Raizada	ankaj Raizada I		Faculty	F	emale	pankajraiz m	ada@shooliniuniversity.cc	9418235023	
	Anita Sudhaik	Anita Sudhaik		Student	F	emale	anitasudha	aik@shooliniuniversity.com	n -	
	Reena Saini		Faculty	F	Female r		reenasaini@shooliniuniversity.com			
	Pankaj Thakur			Faculty		lale	chempank	chempank@gmail.com		
HIGH DIELECTRIC LEAD FREE Ba0.95Ca0.05TiO3 MATERIAL SYNTHESIZED BY HYDROTHERMAL METHOD FOR ENERGY HARVESTERS	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2018  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Mamta Shandilya			Faculty	F	emale	mamtasha com	ndilya@shooliniuniversity	9857166118	

Idea / Prototype / Ini	novation have i	eceived Grant	funding from	Pre-Incubation /	Incubation	n Cen	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	vation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	ge agencies) in terms	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment//C during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator	,									
		Name		Туре			Gender		Email	С	ontact
	Radheshyam Rai			Faculty		Male		radhe	shyam@shooliniuniversity.co	om 8521588056	
	Steven J.Milne			Innovator/Entrepreneu Institute	ur External to	Male		stever	n@shooliniuniversity.com	-	
	Rajesh Kumar			Faculty		Male		rajesh m	sharma@shooliniuniversity.c	9418081988	
ABSORBER PLATE OF SOLAR AIR HEATER TRIANGULAR DUCT AND USES THEREOF	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent  Patent 20 Applica 11 tion No 80	ted gy es	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator									
		Name		Туре			Gender		Email	С	ontact
	Anil Kumar			Faculty		Male		anilku	mar@shooliniuniversity.com	8894175292	
	Co-Innovator	·									
		Name		Туре			Gender		Email	С	ontact
	Deshmukh Kiran Pr	akash Rao		Student		Male		deshn	nukh@shooliniuniversity.com	-	
	Robin Thakur			Faculty		Male		robins	ampark.thakur@gmail.com	8894373150	
	Amar Raj Singh Su	ri		Faculty		Male		amarr m	ajsingh@shooliniuniversity.co	o 9882310780	
	Sunil Kumar			Faculty		Male		sunilk	umar@shooliniuniversity.com	n 8894373150	

Madan Lal

Sapna

Idea / Prototype / In	novation have I	received Grant /	funding from F	re-Incubation /	Incubation Ce	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
A Method for Low temperatures synthesis of Ba0.85Ca0.15 Zr0.05Ti0.95O3 Ceramic for capacitor application	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1103 tion No 8019  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof o concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Mamta Shandilya			Faculty	Fer	male	mamtas com	nandilya@shooliniuniversity	9857166118	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Co	ontact
	Radheshyam Rai			Faculty	Ma	le	radhesh	/am@shooliniuniversity.co	m 8521588056	
	Rajesh Kumar			Faculty	Ma	le	rajeshsh m	arma@shooliniuniversity.co	9418081988	

Male

Female

sapna@shooliniuniversity.com

Student

Innovator/Entrepreneur External to Institute

Adit Rana

Raj Kumar

Ranjeet Thakur

idea / i Tototype / iii	To ration mate:	COOLIGE CITALITY	ramaning monit	· · · · · · · · · · · · · · · · · · ·		onino, raeminos				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
ANTI-DRUG BAND	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion		TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  106000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Abhilash Pathania			Faculty	ı	∕lale	abhilashp com	athania@shooliniuniversit	y. 9418503057	
	Co-Innovator	•								
		Name		Туре		Gender		Email	Co	ontact

Male

Male

Male

Faculty

Faculty

Student

8679741043

9418739373

aditrana@shooliniuniversity.com

raj.me@shooliniuniversity.com
ranjeetthakur@shooliniuniversity.co
m

Improved wound healing topical composition of thymoquinone  Pharmaceutical Product Development Lab  Product Development Lab  Pharmaceutical Product Development Lab  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty and Student  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty and Student  TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).  Total Seed Grant/Fund	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion  Patent Applica tion  Year of Patent Applica tion  Patent Applica tion  Amount Disbursed to above Idea/Prototype/I nnovations  Development by Centre (In Rupees)  126000	No
Principal Innovator	
Name Type Gender Email C	ontact
Poonam Negi Faculty Female poonam.546@shooliniuniversity.com 8219477820	

Co-Innovator Co-Innovator												
Name	Туре	Gender	Email	Contact								
Gulshan Sharma	Student	Male	gulshansharma@shooliniuniversity.com	-								
Chetna Verma	Student	Female	chetnaverma@shooliniuniversity.co	-								
Uma Ranjan Lal	Student	Male	umaranjan@shooliniuniversity.com	-								

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of received from Name of Idea / POC / during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No Centre of TRL 3: Applied Faculty and Completed and TRL 3: Applied Smart anti-cancer nanogel Yes IP / Patented Ready for research. First research. First Student Nanotechnology Technology laboratory tests Commercialization/I laboratory tests completed; proof of ncubati completed; proof of Total Seed Grant/Fund concept. concept. Yes Applie d for Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1104 Development by 3892 Centre (In Rupees) Year of 2018 Patent 136000 Applica tion **Principal Innovator** Name Type Gender Email Contact Faculty Female poonam.546@shooliniuniversity.com 8054918093 Poonam Negi Co-Innovator Name Type Gender Email Contact Deepak Pathania Faculty Male 9805440648 deepakpathania@shooliniuniversity. com Chetna Verma Student Female chetnaverma@shooliniuniversity.co TRL 3 : Applied research. First **GREEN STOVE** High Energy Lab Faculty 2018 Completed and TRL 4: Small scale No No IP / Patented Yes Ready for prototype built in a Technology Commercialization/I laboratory tests laboratory completed; proof of ncubati environment ("ugly' Total Seed concept. prototype). Grant/Fund Yes Applie d for Amount Disbursed to Patent above Idea/Prototype/I 3127 87-Patent nnovations Applica Development by tion No 001 Centre (In Rupees) 2018 Year of Patent 30000 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubatin support and the services offered by Pre-incubation/incubatin or institute during the financial period 2018-19?		
	Principal Inn	ovator											
	Name Sorabh Aggarwal			Type Ma		Gender Male		sorabhagg com	Email arwal@shooliniuniversit		ontact		
	Co-Innovator	Co-Innovator											
		Name		Туре		Gender			Email	С	ontact		
	Bhaskar Goel			Faculty	Ma	le		bhaskargo	el@shooliniuniversity.co	9459019515			
	Neeraj Gandotra	Neeraj Gandotra			Ма	le		neerajgan om	dotra@shooliniuniversity	.c 9418247612			
ANTIFUNGAL COMPOSITIONS PREPARED FROM ESSENTIAL OIL OF PLEUROSPERMUM BRUNONIS WITH FLUCONAZOLE AND AMPHOTERICIN B AS BIOENHANCERS OF THE ANTIBIOTICS AND USES THEREOF	Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent Patent Applica tion No Patent  Yes 2018 2018 2018 2018 2018	Completed and Ready for Commercialization/I ncubati	TRL 3 : , research laborato complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No		
	Principal Inn	ovator											
		Name		Туре		Gender			Email		ontact		
1	Prakriti Nidhi			Student Female				prakritinidhi934@gmail.com 6230402846					

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ition	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	Name		Туре			Gender			Email	C	ontact
	Rajan Rolta	Hamo		Student		Male			rajanrolta@	Shooliniuniversity.com	-	omao:
	Kamal Dev					Male				shooliniuniversity.com	9418653905	
	Anuradha Sourirajan			Faculty		Fema	ale		anuradha@shooliniuniversity.com		9805645534	
A METHOD FOR ENHANCEMENT IN TRANSMISSION OF LIGHT BY DRY MACHINING OF PMMA DISCS	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patente Technology  Applie d for Patent  Patent Applica tion No 572  Year of Patent Applica tion	18 04 27	Completed but No Further Action Taken	TRL 3: research laborato complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  101000	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	C	ontact
	Bhaskar Goel			Faculty		Male			bhaskargo	el@shooliniuniversity.cor	m 9416264981	
	Co-Innovator	•										
		Name		Туре			Gender			Email	C	ontact
	Sorabh Aggarwal			Faculty Ma					sorabhaggarwal@shooliniuniversity.		9041996541	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A METHOD FOR THE BIOSYNTHESIS OF Ag DOPED ZnO NANOPARTICLES USING MORINGA OLIFERA SEED EXTRACT AND USES THEREOF	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 5729  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No

Principal I	nnovator
-------------	----------

Name	Туре	Gender	Email	Contact
Saurabh Kulshrestha	Faculty	Male	sourabhkulshreshtha@shooliniuniver sity.com	9625033405

Co-I	nnov	ator
------	------	------

Co-Innovator													
Name	Туре	Gender	Email	Contact									
Ankush Chauhan	Student	Male	ankushchauhan@shooliniuniversity.c om	-									
Swati	Student	Female	swati@shooliniuniversity.com	-									
Ritesh Verma	Student	Male	riteshverma@shooliniuniversity.com	-									
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.	9857166118									
Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.co m	9418081988									

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-Current Status of received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No A METHOD TO DEVELOP Centre of Food TRL 3: Applied Faculty and Completed and TRL 3: Applied IP / Patented Yes Ready for research. First **ELEPHANT FOOT YAM** Processing research. First Student Technology (Amorphophallus laboratory tests Commercialization/I laboratory tests completed; proof of ncubati completed; proof of Paeoniifolius) Total Seed Grant/Fund ENRICHMENT ON concept. concept. Applie d for Yes WHEAT FLOUR CAKE Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1104 Development by 5880 Centre (In Rupees) Year of 2018 Patent 86000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Ravinder Kaushik Faculty ravinder@shooliniuniversity.com 9416962729 Co-Innovator Name Type Gender Email Contact Anuj Saklani Student Male anujsaklani@shooliniuniversity.com TRL 3: Applied Faculty 2018 TRL 3: Applied No THERMO-Hydraulics Machine Completed and No IP / Patented Yes PHOTOVOLTAIC SYSTEM and Solar Energy research. First Ready for research. First Technology Centre laboratory tests Commercialization/I laboratory tests completed; proof of completed; proof of ncubati Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 3127 Patent nnovations Applica tion No 88 Development by Centre (In Rupees) Year of 2018 Patent 35000 Applica

tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubati n support and the services offered b Pre- incubation/incubati n or institute durin the financial perior 2018-19?	
	Principal Inn	ovator									
		Name		Туре		Gender		Email	C	ontact	
	Robin Thakur			Faculty	Ma	ale	robinsamp	ark.thakur@gmail.com	8894373150		
	Co-Innovator	•									
	Name			Туре		Gender		Email		ontact	
	Arvind Singhy Anil Kumar Sunil Kumar			Student	Ma	ale	arvindsingl	ny@shooliniuniversity.co	m -		
				Faculty	Ma	ale	anilkumar	shooliniuniversity.com	7018508569		
				Student	Ma	ale	sunilkumai	@shooliniuniversity.com	8894373150		
	Ashwani Sharma			Faculty	Ma	ale	ashwanish om	ashwanisharma@shooliniuniversity. om			
MULTIPURPOSE SPANNER	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 3127 86 tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  35000	No	No	
	Principal Inn	ovator									
		Name		Туре		Gender		Email	C	ontact	
	Sorabh Aggarwal			Faculty Male			sorabhagg	sorabhaggarwal@shooliniuniversity. 7009924762			

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Statu Innovation, St of TRL it ha reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institut received an income/reven from Idea/Prototype/vations for the incubation/incul n support and services offere Preincubation/incul n or institute duthe financial pe 2018-19?
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Bhaskar Goel			Faculty Ma		Male		kargoel@shooliniuniversity.co	m 9459019515	
	Sundar			Student N		Male		ar@shooliniuniversity.com	-	
	Susmitha			Student	Fer	nale	susm	nitha@shooliniuniversity.com	-	
	Swati			Student	Fer	nale	swat	@shooliniuniversity.com	-	
	Deepika Sharma			Student	Fer	nale	deep	ikasharma@shooliniuniversity	/.c -	
IONISED FILTERED COMPRESSED AIR TYPE /INEGAR GENERATING APPARATUS	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 5881  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4: Small s prototype built i laboratory environment ("u prototype).	n a Yes	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	C	ontact
	Somesh Sharma			Faculty	Male someshsharma@shooliniuniversity.c 9418023					

Idea / Prototype / In	novation have i	eceived Grant /	funding from I	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	pe of Innovation  Current Status Pre- Incubation/Incubati on Support Received  Current Status Pre- Incubation/Incubati on Support of TRL it has reached		Financial support (either own resource or fund received from dagencies) in terms RL it has of Seed Grant/Fund sached Support to Idea / Prototype / Innovations Development		Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving prencubation/incubation support at your Prencubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
	Co-Innovator	·										
		Name		Туре			Gender			Email	Co	ontact
	Adit Rana			Student		Male			aditrana@s	shooliniuniversity.com	8679741043	
	Raj Kumar		Faculty		Male			raj.me@sh	ooliniuniversity.com	9418611506		
	Abhilash Pathania			Faculty		Male			abhilashpa com	thania@shooliniuniversity	8091330001	
Novel heterogeneous catalyst for conversion of carbohydrates to 5-hydroxymethyl furfural and Method thereof	Centre of Organic Chemistry				2018  IP / Patented Technology  Applie d for Patent Patent Applica 1104 tion No 6503  Year of Patent Applica tion		Commercialization/I laborato complete concept.		ry tests ed; proof of	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	Co	ontact
	Neeraj Gupta			Faculty		Male			neerajgupta	a@shooliniuniversity.com	8894211891	
	Co-Innovator	r										
		Name		Туре			Gender			Email	Co	ontact
	Purva Devi			Student		Fema	ale		purvadevi@	shooliniuniversity.com	-	
	Sadhana Sharma			Student		Fema	ale		sadhanash com	arma@shooliniuniversity.	-	
	Kanchan Sharma			Student		Fema	ale		kanchansh com	arma@shooliniuniversity.	-	

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of received from during the period of Name of Idea / POC / Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2018 No No Bio-engineering lab TRL 3: Applied Faculty and Completed but No TRL 3: Applied Process for the green Yes IP / Patented synthesis of zinc research. First Student Further Action research. First Technology nanopaticles using laboratory tests Taken laboratory tests Bergenia ciliata rhizome completed; proof of completed; proof of Total Seed Grant/Fund extract concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1104 Development by 7746 Centre (In Rupees) Year of 2018 Patent 121000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Pankaj Chauhan Faculty pkchauhan@shooliniuniversity.com 9736957022 Co-Innovator Name Type Gender Email Contact Kanika Dulta Student Female kanikadulta@shooliniuniversity.com Vinod Kumar Student Male vinodkumar@shooliniuniversity.com A SYSTEM FOR Tinkering Lab TRL 3: Applied Faculty 2018 Completed but No TRL 3: Applied No No IP / Patented Yes PORTABLE, HYGIENIC research. First Further Action research. First Technology AND EFFICIENT RAW laboratory tests Taken laboratory tests MILK DISPENSING completed; proof of completed; proof of **Total Seed** concept. concept. Applie d for Yes Grant/Fund Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations Applica 1104 Development by tion No 8475 Centre (In Rupees) 2018 Year of Patent Applica 106000 tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TR	Current Status of Innovation, Stage of TRL it has reached (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea /		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the preincubation/incubat in support and the services offered be preincubation/incubat in or institute during the financial period 2018-19?	
	Principal Innovator											
	Meenakshi Nayyer	Name		Type	Fem	Gender Female			Email inayyer@shooliniunivers		ontact	
	Co-Innovator	r										
	Name					Gender			Email	С	ontact	
	Brij Bhushan			Faculty	Male	•		brijbhusha	n@shooliniuniversity.cor	n 9882292949		
	Amit Nayyer			Student	Male	•		amitnayye	r@shooliniuniversity.com	ı -		
A WIRELESS VIBRATION DETECTION UNIT AND USES THEREOF	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : /research laborator complete concept.	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  106000	No	No	
	Principal Inn	ovator										
		Name		Туре		Gender			Email	С	ontact	
	Adit Rana			Faculty Male			aditrana@shooliniuniversity.com			8219393854		

Idea / Prototype / Inr	novation have r	eceived Grant	funding from	Pre-Incubation /	Incubation	n Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Inno	vation	Current Status Pre- Incubation/Incubati on Support Received	Incubation/Incubati Innovation, Stage on Support of TRL it has		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	C	ontact
	Raj Kumar			Faculty		Male			raj.me@sh	ooliniuniversity.com	9418611506	
	Saikat Ghosh	Saikat Ghosh			Student M				-		-	
	Arshdeep Singh			Student		Male	Male		-		-	
	Abhishek Aggarwal		Student		Male	Male		-		-		
Nanosize multiferroic composite material and method of preparing the same	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent Patent Applica tion No		Completed but No Further Action Taken	TRL 3 : / research laborato complete concept.	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	Co	ontact
	Rajesh Sharma			Faculty and Student Male		Male			rajeshshari m	ma@shooliniuniversity.c	8219200439	
	Co-Innovator	•										
		Name		Туре			Gender			Email	Co	ontact
	Mamta Shandilya			Faculty		Fema	ale		mamtasha com	ndilya@shooliniuniversit	y. 9857166118	
	Ritesh Verma			Student		Male			riteshverma	a@shooliniuniversity.co	m -	
	Pankaj Raizada			Faculty	Faculty F		Female		pankajraiza m	ada@shooliniuniversity.o	9418235023	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
COPPER NANOPARTICLES (CuNPs) AND METHOD OF PRODUCING THE SAME	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1104 tion No 9036  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact

Principal Innovator				
Name	Туре	Gender	Email	Contact
Rajesh Sharma	Faculty	Male	rajeshsharma@shooliniuniversity.co m	8219200439

Co-Innovator Co-Innovator												
Name	Туре	Gender	Email	Contact								
Sapna Thakur	Student	Female	sapnathakur@shooliniuniversity.com	-								
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.	9857166118								
Shweta Thakur	Student	Female	shwetathakur@shooliniuniversity.co m	-								
Ankush Chauhan	Student	Male	ankushchauhan@shooliniuniversity.com	-								

Rohit Jasrotia

Mahavir Singh

Virender Partap Singh

idea / Prototype / in	ilovation nave i	Cocived Grant	ranaing iroin i	TC-IIICUDAtion /	incubation oc	intre / r demines				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation n support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
NANOFERRITES FOR MEMORY STORAGE	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica 1104 1104 9037  Year of Patent Applica tion  Year of Patent Applica 1104	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  146000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Rajesh Sharma			Faculty	Ма	le	rajeshsha m	rma@shooliniuniversity.co	8219200439	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact

Male

Male

Male

rohitjasrotia@shooliniuniversity.com
virenderpratap@shooliniuniversity.co
m

9816714076

Student

Faculty

Student

Vishal Dutta

Sheetal Sharma

Pankaj Raizada

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea//Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Nanocomposite based photocatalyst for degradation of polluting Malachite Green dye and method thereof	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 1104 tion No 9475  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Pardeep Singh			Faculty	Ма	le	pardeepsir m	gh@shooliniuniversity.c	7018303146	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Co	ontact

Male

Female

Female

pankajraizada@shooliniuniversity.co

9418235023

Student

Student

Faculty

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
SOLAR-NANOMATERIAL ENERGY- STORAGE	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof o concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inno	ovator								
	Anil Kumar	Name		Type	Ma	Gender	anilkum	Email ar@shooliniuniversity.com		ontact

Co-Innovator Co-Innovator												
Name	Туре	Gender	Email	Contact								
Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150								
Neeraj Chandel	Student	Male	-	-								
Sunil Kumar	Faculty	Male	sunilkumar@shooliniuniversity.com	-								
Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.co m	9418081988								
Pankaj Thakur	Faculty	Male	chempank@gmail.com	9816266489								

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-Current Status of Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 Plant Physiology 2018 Completed but No No No TRL 3: Applied Faculty TRL 3: Applied A method for improving Yes IP / Patented research. First Further Action research. First biosynthesis of Laboratory Technology phytochemicals and laboratory tests Taken laboratory tests antioxidant potential in completed; proof of completed; proof of Total Seed Grant/Fund plants concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1104 Development by 9888 Centre (In Rupees) Year of 2018 Patent 76000 Applica tion **Principal Innovator** Name Type Gender Email Contact Rachna Verma Faculty Female rachnaverma@shooliniuniversity.co 9816291543 A BIOSENSOR TRL 3: Applied 2018 Completed and No Biosensor Faculty and TRL 3: Applied IP / Patented Yes FOR DETECTING research. First research. First Technology Lab Student Ready for Technology SALMONELLA AND PROCESS laboratory tests Commercialization/I laboratory tests completed; proof of ncubati completed; proof of Total Seed Grant/Fund OF producing the concept. Applie d for concept. Yes Amount Patent Disbursed to above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1104 Development by 9887 Centre (In Rupees) 2018 Year of Patent 131000 Applica No **Principal Innovator** Name Type Gender Email Contact Faculty and Student Female 8629878797 Shagun Gupta shaqunqupta@shooliniuniversity.

com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatior (TRL Stage)	n Innovation Developed by	Year of Innovati Project Starte	ion / Type of Innovation	Incubatio on Su	Status Pre- on/Incubati upport eived	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19		Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
Co-Innovator											A METHOD FOR SLOW CAPSULE DESICCANT
	Name		Туре		Gender			Email	Со	ntact	PROFILE FOR RE ENTRY AND TRAJECTORY
Kritika Saini		St	udent	Fer	male	-			-		TRACING
Ankur Kaushal		St	udent	Mal	le	-			-		
Dinesh Kumar		Fa	aculty	Mal	le	di	ineshkumar@	shooliniuniversity.com	9816321855		
lydraulics Machine and olar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	Applie d for Patent Applica tion No  IP / Patented Yes 201 Applica 110 988 Year of Patent Applica tion Applica tion	Taken  8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	TRL 3 : A research. laboratory completed concept.	First	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or										
Adit Rana	Name	Fa	Type	Mal	Gender	ac	ditrana@sho	Email oliniuniversity.com	8219393854	ntact	
Co-Innovator		•		•		,					ANTIFUNGAL COMPOSITION
	Name		Туре		Gender			Email	Со	ntact	PREPARED FRO ESSENTIAL OIL OF LEAVES OF
Raj Kumar		Fa	aculty	Mal	le	ra	aj.me@shooli	niuniversity.com	9816508460		CITRUS PSEUDOLIMON AND BIOAVAILABILITY ENHANCER OF

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovatior Developed I	Year of Inn by Project S	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received any income/reven from Idea/Prototype/vations for the incubation/incut n support and services offered Pre-incubation/incut n or institute du the financial pe 2018-19?
∕east Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Techno Applie d for Patent Applica tion No Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	resear	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No	
Principal Innovato	or											
	Name		Туре	•		Gender			Email	Co	ntact	
Prakriti Nidhi			Student		Female			prakritinidhi93	4@gmail.com	9882844537		
Co-Innovator												Iron Oxide NANOPARTICL IRON OXIDE-
	Name		Туре	•		Gender			Email	Co	ntact	CELLULOSE NANOCOMPOS
Ruchi Kumari			Student		Female			-		-		E AND METHO OF PRODUCIN THEREOF
Kamal Dev			Faculty		Male			kamaldev@sh	nooliniuniversity.com	9418653905		ITIEREO
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Techno Applie d for Patent Patent Applica tion No		Completed but No Further Action Taken	labora	: Applied rch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innovation ) Developed by	Year of In Project	novation / Started	Type of Innovation	Incubat on	t Status Pre- tion/Incubati Support eceived	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Centre receive income from Idea/Prot vations for incubation a suppo services Pincubation or instit the finan 2011
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Mamta Shandilya			Faculty		Female			mamtashandi om	lya@shooliniuniversity.c	9857166118		
Co-Innovator												ZINC OXID NANOPAR AND METH
	Name		Туре			Gender			Email	Со	ntact	PRODUCIN SAME
Sapna Thakur			Student		Female			-		-		
Shweta Thakur			Student		Female			-		-		
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pa Techr Applie d for Patent Patent Applica tion No Year of Patent Applica tion	2018	Completed but No Further Action Taken	laborato	Applied th. First bry tests ted; proof of t.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	
Principal Innovato	or	,	,	•								
	Name		Туре			Gender			Email	Со	ntact	
Rajesh Sharma			Faculty		Male			raieshsharma	@shooliniuniversity.com	8219200439		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/Incubation support at your Pre-incubation/Incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator												Nanocomposite based photocatalyst for
	Name		Туре			Gender			Email	Co	ontact	degradation of congo red dye from
Ankush Chauhan			Student		Male			-		-		wate water and method thereof
Mamta Shandilya			Faculty		Female			mamtashandi om	lya@shooliniuniversity.c	9857166118		
Sapna Thakur			Student		Female			-		-		
Susham Chauhan				Student			Male			-		
Pankaj Thakur			Faculty		Male			chempank@g	gmail.com	9816266489		
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pa Techn Applie d for Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resear labora	: Applied ch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	
Principal Innovato	<b>Dr</b> Name		Туре	'		Gender			Email		ontact	
Pankaj Raizada	Name		Faculty		Female	- Geridei			a@shooliniuniversity.com		maot-	

ldea / Prototype / Ir	nnovation have	received Gra	nt / funding from	Pre-Incul	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub o	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator												Heterogenous photocatalyst for
	Name		Туре			Gender			Email	Со	ntact	degradation of malachite green dye from waste
Vasudha Hasija			Student		Female			-		-		water and method thereof
Kirti Sharma			Student		Female			-		-		
Pardeep Singh			Faculty		Male			pardeepsingh	@shooliniuniversity.com	9459316882		
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2018 1105 0058 2018	Completed but No Further Action Taken	resea	3 : Applied rch. First atory tests leted; proof of ppt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovat	or											
	Name		Туре			Gender			Email	Со	ntact	
Pardeep Singh			Faculty		Male			pardeepsingh	@shooliniuniversity.com	7018303146		
Co-Innovator												Bioactive immunoboosting
	Name		Туре			Gender			Email	Со	ntact	fractions From extracts of pine needles bio-waste
Sheetal Sharma			Student		Female			-		-		and method thereof
Vishal Dutta			Student		Male			-		-		
Pankaj Raizada			Faculty		Female			pankajraizada	@shooliniuniversity.cor	n 9418235023		

Idea / Prototype / In	novation have r	eceived Gra	nt / funding from	Pre-Incul	nation /	/ Incubation Cer	ntre / l	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)		Innovation Year of Inn		Type of Innovation	Curren		Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Par Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion ion		Completed and Ready for Commercialization/I ncubati	protot	nment ("ugly"	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	
Principal Innovato	or											
	Name Type			Gender				Email Contact				
Reena Vohra Saini	aini Faculty			Female				reenasaini@shooliniuniversity.com		8894568244		
Co-Innovator												Biosynthesis of bimetallic
	Name		Туре	Gender			Email		Contact		Nanoparticles of silver and copper using Stephania	
Adesh K Saini			Faculty		Male			reenasaini@shooliniuniversity.com		8988205238		glabra alcoholic extract
Reena Kumari	Reena Kumari			Student				-		-		
Henok G Azalework			Student	Male			-		-			
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Par Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		Completed but No Further Action Taken	labora	3 : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innova ) Develop	tion Year of ed by Proje	Innovation / ct Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incu Centre/inst received a income/reve from Idea/Prototyp vations for th incubation/inc n support an services offer Pre- incubation/inc n or institute the financial 2018-19
Principal Innovato	Name			·ype		Gender			Email	Co	ntact	
Reena V Saini			Faculty		Female			reenasaini@s	shooliniuniversity.com	8894568244		
Co-Innovator											_	SYNTHESIS (
	Name			уре		Gender			Email	Со	ntact	SUBSTITUTE Mg-Mn NANOFERRIT
Adesh K Saini			Faculty		Male			adeshsaini@	shooliniuniversity.com	8988205238		FOR APPLICATION RECORDING
Eshu S Sinha			Student		Female			-		-		MEDIA
Prachi Vaid			Student		Female			-		-		
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / I Tec Applie d for Paten Application No Year of Paten Application	t 2018 a 1104 b 9897	Completed and Ready for Commercialization/I ncubati	resear	: Applied ch. First tory tests eted; proof of ot.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovato				·								
	Name			уре		Gender			Email	Co 8219200439	ntact	

dea / Prototype / In	novation have r	eceived Gra	ant / fun	nding from P	re-Incuk	oation /	Incubation Cen	tre / F	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ition [	Innovation Developed by	Year of Int Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/AngeInvestment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator			•										Synthesis of silver doped Strontium W type
	Name			Туре			Gender			Email	Со	ntact	nanohexferrites for magnetic recording
Rohit Jasrotia			Student			Male			-		-		application
Virender Pratap Singh			Faculty			Male			virenderpratap m	@shooliniuniversity.co	9816714076		
Mahavir Singh			Student			Male			-		-		
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	201	18	IP / Par Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	resear labora	: Applied ch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	r												
	Name			Туре			Gender			Email	Co	ntact	
Rajesh Kumar			Faculty			Male			rajeshsharma	@shooliniuniversity.com	8219200439		
Co-Innovator													A SYNTHESIS OF LEAD FREE
	Name			Туре			Gender			Email	Co	ntact	LEAD FREE K0.5Na0.5NbO3 CERAMICS AT LOW SINTERING
Rohit Jasrotia			Student			Male			-		-		TEMPERATURE
Virender Pratap Singh			Faculty			Male			virenderpratap m	@shooliniuniversity.co	9816714076		
Mahavir Singh			Student			Male			-		-		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent Applica tion No	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	

Principal	Innovator
-----------	-----------

Na	ame	Туре	Gender	Email	Contact
Mamta Shandilya	F	Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118

## Co-Innovator

Name	Туре	Gender	Email	Contact
Shammi Kumar	Student	Female	-	-
Ankush Chauhan	Student	Male	-	-
Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988
Shweta Thakur	Student	Female	-	-
Nagesh Thakur	Faculty	Male	nageshkumar@shooliniuniversity.com	8219710036

Method of Manufacturing of Helmet and uses thereof

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ation Inno Deve	ovation Year of oped by Proje	Innovation / ct Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revent from Idea/Prototype/I vations for the pincubation/incub n support and t services offered Pre-incubation/incub n or institute du the financial per 2018-19?
Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018		t 2018 1105 0123	Completed but No Further Action Taken	resear	: Applied ch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovat	or											
	Name			Туре		Gender			Email	Co	ntact	
Gaurav Gupta			Faculty		Male			gaurav@shoo	liniuniversity.com	9817452559		
Co-Innovator												A METHOD FO OPTIMIZATION CUTTING FOR
	Name			Туре		Gender			Email	Co	ntact	MEASURING MACHINE WITH
Shaurya Bahuguna			Student		Male			-		-		IMPROVED TOPOLOGY
Nimish Kappal			Student		Male			-		-		
Manik Sharma			Student		Male			-		-		
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018		t 2018 a 1105 o 0124	Completed and Ready for Commercialization/I ncubati	prototy	nment ("ugly"	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of Innov Project Sta	vation / arted	Type of Innovation	Incub o	nt Status Pre- vation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innuvations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Principal Innovato	r									,		
	Name		Туре			Gender			Email	Со	ntact	
Shashank Thapa		F	aculty	1	Male			shushank.537	@shooliniuniversity.cor	n 8894687446		
Co-Innovator												A METHOD TO DEVELOP LOW CALORIE KINNOW
	Name		Туре			Gender			Email	Со	ntact	BASED HERBAL BEVERAGE
Anuj Kumar Chauhan		s	tudent	1	Male			-		-		
Shafaqat Iqbal		S	tudent	1	Male			-		-		
Pradipta Kumar Baral		S	tudent	1	Male			-		-		
A. Deva Divyan		s	tudent	1	Male			-		-		
Navendu Nanda		s	tudent	1	Male			-		-		
Aditya Sharma		S	tudent	1	Male			-		-		
Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent  Patent Applica tion No	Yes 2018 1105 0122 2018	Completed and Ready for Commercialization/I ncubati	protot	nment ("ugly"	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	r											
	Name		Туре			Gender			Email	Со	ntact	
Somesh Sharma		-	aculty		Male				a@shooliniuniversity.co	9418023062		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Ini Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenu from Idea/Prototype/Ir vations for the pi incubation/incuba n support and it services offered Pre- incubation/incuba n or institute duri the financial peri 2018-19?
Co-Innovator												SMART ENGINE IMMOBILISE CONTROL
	Name		Туре			Gender			Email	Со	ntact	SYSTEM AGAIN UNLICENSED A
Rajat Singh			Student		Male			-		-		WITHOUT HELMET RIDER OF TWO
Pankaj Chauhan			Faculty		Male			pkchauhan@s	shooliniuniversity.com	9736957022		WHEELERS
enter of Excellence in utomobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2019 1100 1085 2019	Completed but No Further Action Taken	resea	: Applied rch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	r											
Adit Rana	Name		Type Faculty		Male	Gender		aditrana@sho	Email oliniuniversity.com	8679741043	ntact	
Co-Innovator					•							A METHOD FO ACHIEVING
	Name		Туре			Gender			Email	Со	ntact	MIRROR FINISI ON MONO- CRYSTALLINE
Saikat Ghosh			Student		Male			-		-		GERMANIUM DISC
Arshdeep Singh			Student		Male			-		-		
Prashant Katuwal			Student		Male							

Male

Male

raj.me@shooliniuniversity.com

9816481695

Chanra Shekhar Aazad

Raj Kumar

Student

Faculty

Idea / Prototype / In	novation have i	eceived Gran	/ funding from	Pre-Incubation	/ Incubation Cer	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	n Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubatio n or institute during the financial period 2018-19?
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1086  Year of Patent Applica tion No 2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  116000	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ontact	
Bhaskar Goel		Fa	aculty	Male		bhaskargoel@	@shooliniuniversity.com	9416264981		
Co-Innovator										SOL GEL SYNTHESIZED BARIUM M TYPE
	Name		Туре		Gender		Email	Co	ontact	HEXAGONAL FERRITES FOR HIGH DENSITY
Sorabh Aggarwal		Fa	aculty	Male		sorabhaggarv m	wal@shooliniuniversity.c	co 9041996541		RECORDING MEDIA APPLICATION
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica tion No 1088	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institute received an income/reven from Idea/Prototype, vations for the incubation/incute n support and services offere Preincubation/incute no rinstitute duthe financial pe 2018-19?
Principal Innovato			_									
Paioch Kumar	Name		Type		Male	Gender		raiochaharma	Email		ntact	
Rajesh Kumar			Faculty		iviale			iajesiisiiaima	@shooliniuniversity.com	0219200439		
Co-Innovator												A SYSTEM AN PROCESS FOI MITIGATION O
	Name		Туре			Gender			Email	Coi	ntact	CHROMATIC DISPERSION
Rohit Jasrotia			Student		Male			-		-		
Virender Pratap Singh			Faculty		Male			virenderprata m	p@shooliniuniversity.co	9816714076		
Mahavir Singh			Student		-			-		-		
inkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pa Techr Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resear	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  96000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Cor	ntact	
Ashwani Kumar			Faculty		Male			ashwanisharr m	ma@shooliniuniversity.co	9805665771		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inr Project (	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revent from Idea/Prototype/livations for the pincubation/incub n support and t services offered Pre-incubation/incub n or institute dut the financial per 2018-19?
Co-Innovator												UNIVERSAL SPANNER APPARATUS AN
	Name		Туре			Gender			Email	Co	ntact	USES THEREOF
Inder Singh		;	Student		Male			-		-		
Shalini Sharma		;	Student		Female			-		-		
Robin Thakur			Faculty		Male			robinsampark	thakur@gmail.com	8894373150		
Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Pat Techn  Applie d for Patent  Patent  Applica tion No  Year of Patent  Applica tion	Yes 2019 1100 1702 2019	Completed but No Further Action Taken	resear labora	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No	
Principal Innovate	<b>Or</b> Name		Туре			Gender			Email	Co	ntact	
Sorabh Aggarwal			Faculty		Male			sorabhaggarw m	val@shooliniuniversity.co			

Idea / Prototype / In	novation have r	eceived Gra	nt / funding from	Pre-Incul	oation /	Incubation Cen	tre / F	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator												ANTIMALARIAL SINGLE HERB EXTRACT OF
	Name		Туре			Gender			Email	Со	ntact	NICANDRA PHYSALODES
Bhaskar Goel			Faculty		Male			bhaskargoel@	shooliniuniversity.com	9416264981		AND METHOD THEREOF
Sundar M			Student		Male			-		-		
Susmita K			Student		Female			-		-		
Swati			Student		Female			-		-		
Deepika Sharma			Student		Female			-		-		
C. Narasimha Reddy			Student		Male			-		-		
Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 2019 1100 2018 2019	Completed but No Further Action Taken	resear labora	: Applied ch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Gaurav Sharma			Student		Male			gaurav.541@:	shooliniuniversity.com	9418807170		

dea / Prototype / in	novation have r	eceived Gra	ant / funding from	Pre-Incub	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub o	ent Status Pre- vation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenum from Idea/Prototype/Ir vations for the pincubation/incubati
Co-Innovator				,								GOLD NANOPARTICLE NANOGEL
	Name		Туре			Gender			Email	Со	ntact	COMPOSITION COMPRISING T
Devika Rana			Faculty		Female			devika@shoo	liniuniversity.com	9418653376		SAME AND A METHOD FOR
Neeraj Mahindroo			Faculty		Male			neeraj.mahino	droo@shooliniuniversity.	9816017554		SYNTHESIS THEREOF
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion	ves 2019 1100 3299 2019	Completed but No Further Action Taken	labora	3 : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  86000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Mamta Sharma			Faculty		Female			MamtaSharm m	a@shooliniuniversity.co	7018578162		
ortex-Pool Turbine quipment	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proconcept.		2019		IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		oleted but No er Action n	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Incubation  Type of Innova	le.	Current Status Pre- ncubation/Incubati on Support Received	Current S Innovatio of TRL reac	n, Stage . it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	vat Se II dur I incu n :	Had the a/Prototype/Inno tions raised any eed fund/Angel nvestment/VC ring the period of receiving pre-ubation/incubatio support at your Pre-ubation/incubatio institute during financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation Pre- incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator											
		Name		Туре			Gender			Email		Co	ontact
	Robin Thakur			Faculty		Male			robinsampa	ark.thakur@gmail.com		8894373150	
	Co-Innovator												
		Name		Туре			Gender			Email		Co	ntact
	Kamal Kashyap			Student		Male			-			-	
	Anil Kumar			Faculty		Male			anilkumar@	shooliniuniversity.com		7018508569	
	Ashwani Sharma			Faculty		Male			ashwanisha om	arma@shooliniuniversit	y.c	-	
	Shashank Thapa			Faculty		Male			sushank.53	37@shooliniuniversity.co	om	8894687446	
Nanofluid Flow Measuring Kit	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 315 Applica 53- tion No 001  Year of Patent Applica tion	Fu Ta	ompleted but No urther Action aken	TRL 3 : Apresearch. I laboratory completed concept.	First tests	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  32500	No		No
	Principal Inn	ovator											
		Name		Туре			Gender			Email		Co	ntact
	Anil Kumar			Faculty		Male			anilkumar@	shooliniuniversity.com		7018508569	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ation	Current Status Pre- Incubation/Incubati on Support Received	Innova of TI	t Status of tion, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation re- incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator	Name		Туре			Gender			Email		ontact
	Robin Thakur	Name		Faculty		Male			robinsamo	ark.thakur@gmail.com	8894373150	ontaot
	Sunil Kumar			Faculty		Male				@shooliniuniversity.com	-	
	Sushil Kumar			Student		Male			-	,	-	
	Yashwant Singh			Student		Male			-		-	
BITUMEN CONCRETE MIXTURE WITH POLYTHENE FOR THE CONSTRUCTION OF PAVEMENT AND METHOD THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patente Technolog  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	s 19 00 95	Completed and Ready for Commercialization/I ncubati	TRL 3 : researcl laborato complet concept	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  91000	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	С	ontact
	Pardeep Kumar			Faculty		Male			pradeepku m	mar@shooliniuniversity.c	o 9459514137	
	Co-Innovator	·										
		Name		Туре			Gender			Email	С	ontact
	Sanjay Garg			Faculty		Male			sanjaygarg	@shooliniuniversity.com	8894143300	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support Received of Seed Grant/Fund incubation/incubatio n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2019 No No COMBINED MIX OF Machine and TRL 3: Applied Faculty Completed and TRL 3: Applied Yes IP / Patented CEMENT MORTAR DUST Ready for research. First Welding Workshop research. First Technology AND FLY ASH AS FILLER laboratory tests Commercialization/I laboratory tests IN BITUMINOUS completed; proof of ncubati completed; proof of Total Seed Grant/Fund CONCRETE MIX AND concept. concept. Yes Applie d for METHODS THEREOF Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1100 Development by 5094 Centre (In Rupees) Year of 2019 Patent 91000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Sanjay Garq Faculty sanjaygarg@shooliniuniversity.com 8894143300 Co-Innovator Email Name Type Gender Contact Abhishek Vatsi Student Male TRL 3: Applied Student 2019 TRL 3: Applied No No **BAMBOO REINFORCED** Machine and Completed and IP / Patented Yes CONCRETE MATERIAL Welding Workshop research. First Ready for research. First Technology AND USES THEREOF laboratory tests Commercialization/I laboratory tests completed; proof of completed; proof of ncubati Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1100 Development by 5093 Centre (In Rupees) Year of 2019 Patent 86000 Applica

tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inrivations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Raman			Student	Male	)	raman@sh	nooliniuniversity.com	9041996541	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Vivek Thakur			Student	Male	)	-		-	
A COMPOSITION AND METHOD OF MANUFACTURING OF CLAY BRICKS USING WOOD SAW DUST ASH	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent Patent Applica tion No 5096  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  86000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	P.L. Goel			Faculty	Male	)	plgoel@sh	ooliniuniversity.com	9815335217	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Prakritee Rana			Student	Fem	ale	_		-	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from Name of Idea / POC / during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2019 No No Sterilization and Incubation TRL 3: Applied Faculty and Completed but No TRL 3: Applied Bio-engineering IP / Patented Yes research. First research. First Student Further Action Chamber Lab Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 3148 Patent nnovations Applica tion No 23 Development by Centre (In Rupees) Year of 2019 Patent 35000 Applica tion **Principal Innovator** Name Type Gender Email Contact Rupak Nagraik Faculty Male rupaknagraik@shooliniuniversity.co 9625986962 Co-Innovator Type Gender Email Name Contact Kartik Chauhan Student Male TRL 3: Applied Air Purification Device Environmental and Faculty and 2019 Completed but No TRL 3: Applied No No Yes IP / Patented Analytical research. First Student Further Action research. First Chemistry Lab Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I 3148 Patent nnovations 24 **Applica** Development by tion No Centre (In Rupees) 2019 Year of Patent 110000 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inruvations for the preincubation/inc
	Principal Inne	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Sourabh Kulshresht	tha		Faculty	Ма	e	sourabhku sity.com	ılshreshtha@shooliniuniv	ver 9625033405	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Pratibha Thakur			Student	Fer	nale	-		-	
	Keshav Kumar			Student	Ma	е	-		-	
	Ishan Sharma			Student	Ma	e	-		-	
	Parveen Chauhan			Student	Ma	e	-		-	
	Kartik Chauhan			Student	Ma	e	-		-	
	Sankhajit Pramanik			Student	Ma	e	-		-	
ORTABLE ELECTRONIC EVICE FOR QUICK ETECTION OF THE OOD POISONING IICROBE Listeria IONOCYTOGENES USING IOSENSOR	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 5723  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Ankur Kaushal			Faculty	Ma	е	ankurkush	al@shooliniuniversity.co	m 9882546292	

Idea / Prototype / Inc	novation have i	eceived Grant /	funding from	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innov	ation	Current Status Pre- Incubation/Incubati on Support Received	Innova of Ti	nt Status of tion, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving prencubation/incubation support at your Prencubation/incubation or institute during he financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator	r										
		Name		Туре			Gender			Email	Co	ontact
	Kritika Saini			Student		Fema	ale		-		-	
	Shagun Gupta			Faculty		Fema	ale		shagungup m	ta@shooliniuniversity.co	8629878797	
	Dinesh Kumar			Faculty		Male			dineshkum: m	ar@shooliniuniversity.co	9816321855	
HEAT EXCHANGER NANOFLUIDS AND METHODS THEREOF	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	Applica 11 tion No 55	95 919 00	Completed and Ready for Commercialization/I ncubati	TRL 3 : research laborato complete concept	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	lo	No
	Principal Inn	ovator										
	Sunil Kumar	Name		Type		Male	Gender		sunilkumar	Email @shooliniuniversity.com	9418514678	ontact
	Co-Innovator	,										
		Name		Туре			Gender			Email	Сс	ontact
	Anil Kumar			Faculty		Male			anilkumar@	shooliniuniversity.com	7833984985	
	Robin Thakur			Faculty		Male			robinsampa	ark.thakur@gmail.com	8894373150	

Robin Thakur

Sunil Kumar

Kamal Kashyap

idea / Prototype / in	novation nave i	eceived Grant /	runding from F	re-incubation /	incubation Co	entre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	ge agencies) in terms	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A METHOD AND SYSTEM FOR ESTIMATED EFFICIENCIES IN VARIOUS BAFFLE SURFACES SOLAR AIR COLLECTOR	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent Patent Applica tion No 5559  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Anil Kumar			Faculty	M	ale	anilkui	nar@shooliniuniversity.com	8894175292	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact

Male

Male

Male

robinsampark.thakur@gmail.com

sunilkumar.me13@shooliniuniversity

8894373150

8196808140

Faculty

Faculty

Student

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? A NOVEL STERILIZATION 2019 No No Bio-engineering lab TRL 3: Applied Faculty and Completed and TRL 3: Applied Yes IP / Patented AND INCUBATION research. First Student Ready for research. First Technology CHAMBER laboratory tests Commercialization/I laboratory tests completed; proof of ncubati completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1100 Development by 5622 Centre (In Rupees) Year of 2019 Patent 76000 Applica tion **Principal Innovator** Name Type Gender Email Contact Rupak Nagraik Faculty Male rupaknagraik@shooliniuniversity.co 7018858252 Co-Innovator Type Gender Email Name Contact Kartik Chauhan Student Male TRL 3 : Applied research. First TRL 3: Applied MATERIALS TO Hydraulics Machine Faculty and 2019 Completed but No No No IP / Patented Yes **ENHANCE THE** and Solar Energy Student Further Action research. First EFFICIENCY OF SOLAR Technology laboratory tests Taken laboratory tests Centre RECEIVER IN CONCENTRATED SOLAR completed; proof of completed; proof of Total Seed concept. concept. Yes Grant/Fund Applie d for POWER PLANT (CSP) Amount Patent Disbursed to above Idea/Prototype/I 2019 Patent nnovations 1100 **Applica** Development by tion No 5623 Centre (In Rupees) 2019 Year of Patent 116000 Applica tion

Idea / Prototype / In	novation have i	received Grant /	funding from I	Pre-Incubation /	Incubation Ce	ntre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovati of TF	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Ir vations raised a Seed fund/Ang Investment/Oduring the period receiving pre-incubation/incuba n support at you Pre-incubation/incuba n or institute durithe financial peri 2018-19	of income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation n support and the services offered by Pre-incubation/incubation/incubation.
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Rajesh Kumar			Faculty	Ma	le		rajeshshar m	ma@shooliniuniversity.c	co 8219200439	
	Co-Innovator	•									
		Name		Туре		Gender			Email		Contact
	Ritesh Verma			Student	Ma	le		-		-	
	Ankush Chauhan			Student	Ma	le		-		-	
	Satvinder Kour			Student	-			-		-	
	Mamta Shandilya			Faculty	Fei	male		mamtasha com	ndilya@shooliniuniversit	y. 9857166118	
	Pardeep Singh			Faculty	Ma	le		pardeepsir m	ngh@shooliniuniversity.c	9459316882	
LEAD FREE, FERROELECTRIC, NANO SIZED CERAMIC COMPOUND (BZT-BCT) FOR INDUSTRIAL USE	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica tion No 7198  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3: research laborato complete concept.	ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Mamta Shandilya			Faculty	Fer	male		mamtasha com	ndilya@shooliniuniversit	y. 9857166118	

Idea / Prototype / In	novation have i	received Grant /	funding from	Pre-Incubation /	Incubation	Cen	tre / Facilities					
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innova	ation	Current Status Pre- Incubation/Incubati on Support Received	Innova of T	nt Status of tition, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	Co	ontact
	Shweta Thakur			Student		Fema	ale		-		-	
	Amit Mahajan			Student		Male			-		-	
	Poonam Kumari			Student		Fema	ale		-		-	
	Radheshyam Rai			Faculty		Male			radheshya	m@shooliniuniversity.com	8521588056	
METHOD OF LOW TEMPERATURE SYNTHESIS OF LEAD FREE, FERROELECTRIC, NANO SIZED MONOPHASIC CERAMIC COMPOUNDS	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patente Technolog  Applie d for Patent  Patent 20 Applica 11 tion No 72  Year of Patent Applica tion	19 00 00	Completed but No Further Action Taken	TRL 3 : research laborate complete concept	h. First ory tests ted; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  116000	No	No
	Principal Inn	ovator										
		Name		Туре			Gender			Email	Co	ontact
	Mamta Sandilya			Faculty		Fema	ale		mamtasha com	ndilya@shooliniuniversity	9857166118	
	Co-Innovator	r										
		Name		Туре			Gender			Email	Co	ontact
	Shweta Thakur			Student		Fema	ale		-		-	
												,

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current S Innovatior of TRL reach	n, Stage it has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
ZINC OXIDE NANORODS AND METHOD OF PRODUCING THE SAME	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica 1100 tion No 8270  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Appresearch. Flaboratory t completed; concept.	irst tests	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Rajesh Kumar			Faculty	Ma	le		ajeshsharr n	na@shooliniuniversity.c	8219200439	

Co-Innovator				
Name	Туре	Gender	Email	Contact
Ankush Chauhan	Student	Male	-	-
Ritesh Verma	Student	Male	-	-
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.	9857166118
Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.co	9418235023
Saurabh Kulshreshtha	Faculty	Male	sourabhkulshreshtha@shooliniuniver sity.com	9625033405

Dinesh Kumar

Sunil Puri

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A METHOD FOR IMPROVING BIOSYNTHESIS OF PHYTOCHEMICALS AND ANTIOXIDANT POTENTIAL OF ACORUS CALAMUS PLANT	Plant Physiology Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent Patent 2019 Applica tion No 8271  Year of Patent Applica tion		TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	C	ontact
	Rachna Verma			Faculty	F	emale	rachnaveri m	ma@shooliniuniversity.co	9816291543	
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Ashwani Tapwal			Student	N	1ale	-		-	

Male

Male

dineshkumar@shooliniuniversity.co m

sunilpuri@shooliniuniversity.com

9816321855

9816011680

Faculty

Faculty

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19 during the financial period 2018-19 the financial period 2018-19? Nο No COMPOSITE Photocatalysis TRL 3: Applied Faculty and 2019 Completed but No TRL 3: Applied IP / Patented Yes PHOTOCATALYST FOR research. First Student Further Action research. First Centre Technology TREATMENT OF WATER laboratory tests Taken laboratory tests POLLUTED WITH completed; proof of completed; proof of Total Seed Grant/Fund ORGANIC DYES AND concept. concept. Yes Applie d for METHOD THEREOF Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1100 Development by 9449 Centre (In Rupees) Year of 2019 Patent 126000 Applica tion **Principal Innovator** Name Type Gender Email Contact Pankaj Raizada Faculty Female pankajraizada@shooliniuniversity.co 8278743410 Co-Innovator Name Type Gender Email Contact Kirti Sharma Student Female Male Pardeep Singh Faculty pardeepsingh@shooliniuniversity.co 9459316882 TRL 3 : Applied research. First TRL 3 : Applied research. First A SYNERGISTIC ANTI-Yeast Biology lab Faculty and 2019 Completed and No No IP / Patented Yes **FUNGAL COMPOSITION** Student Ready for Technology OF ESSENTIAL OIL Commercialization/I laboratory tests laboratory tests EXTRACTED FROM NEEDLES OF JUNIPERUS completed; proof of ncubati completed; proof of Total Seed concept. concept. Grant/Fund Applie d for Yes **COMMUNIS WITH** Amount ANTIBIOTICS FOR Patent Disbursed to TREATING CANDIDIASIS above Idea/Prototype/I 2019 1101 Patent nnovations Applica Development by tion No 0808 Centre (In Rupees) 2019 Year of Patent 116000 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TR	t Status of ion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innvations raised any Seed fund/Angel Investment/VC during the period c receiving preincubation/incubatin n support at your Preincubation/incubatin or institute during the financial period 2018-19	income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n constitute durin
	Principal Inn										
	Kamal Day	Name		Type		Gender		kom - L-L - (	Email		Contact
	Kamal Dev			Faculty	Ma	aie		kamaidev@	®shooliniuniversity.com	9418653905	
	Co-Innovator	•									
	Name			Туре		Gender			Email		Contact
	Prakriti Nidhi	Prakriti Nidhi		Student	Fe	male		-		-	
	Rajan Rolta		Student	Ma	ale		-		-		
	Anuradha Souriraja	Anuradha Sourirajan			Fe	male		anuradha@shooliniuniversity.com		9805645534	
Integrated-Trough- Photovoltaic-Collectors Water-Heater	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : / research laborator complete concept.	i. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  32500	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email		Contact
	Shubham Verma			Faculty	Ma	ale		shubhamv om	erma@shooliniuniversity	.c 8988348204	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Sta Innovation, of TRL it reache	Stage agencies) in terms has of Seed Grant/Fund	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubation n support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator									
		Name		Туре		Gender		Email	С	ontact
l	Anil Kumar			Faculty	M	ale	an	nilkumar@shooliniuniversity.com	7018508569	
	Sunil Kumar			Faculty	M	ale		ınilkumar.me13@shooliniuniversi om	ty 9418514678	
	Robin Thakur			Faculty	M	ale	rol	binsampark.thakur@gmail.com	8894373150	
	Amar Raj Singh Sur	i		Faculty	М	ale	an m	marrajsingh@shooliniuniversity.co	9882310780	
Plant Material Extraction Solar Equipment	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Appl research. Fir laboratory te completed; p concept.	rst Yes ests	No	No
	Principal Inne	ovator								
		Name		Туре		Gender		Email	С	ontact
	Anil Kumar			Faculty	М	ale	an	nilkumar@shooliniuniversity.com	8894175292	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovat	ion Incubatio on Su	itatus Pre- n/Incubati upport eived	Current Status Innovation, St of TRL it ha reached	age agencies) in terms s of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and th services offered to Pre- incubation/incubat n or institute durir the financial peric 2018-19?	
	Co-Innovator	,										
		Name		Туре		G	ender		Email	C	ontact	
	Mamta Sharma			Faculty		Female		mam m	ntasharma@shooliniuniversity.c	0 9805330803		
	Rajesh Kumar			Faculty		Male		rajes m	h.su611@shooliniuniversity.co	-		
	Robin Thakur			Faculty		Male		robin	sampark.thakur@gmail.com	8894373150		
Solar Energy Storage System	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Commerc ncubati	ialization/l l	TRL 3 : Applied research. First laboratory tests completed; proconcept.		No	No	
	Principal Innovator											
		Name		Туре		G	ender		Email	C	ontact	
	Sunil Kumar			Faculty		Male		sunik	xumar@shooliniuniversity.com	9418514678		
	Co-Innovator	,										
		Name		Туре		G	ender		Email	C	ontact	
	Anil Kumar			Faculty		Male		anilk	umar@shooliniuniversity.com	7833984985		
	Robin Thakur			Faculty		Male		robin	sampark.thakur@gmail.com	8894373150		
	Amar Raj Singh Suri			+		Male		amai	amarrajsingh@shooliniuniversity.co			

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? during the financial period 2018-19 the financial period 2018-19 2019 No No Hydraulics Machine TRL 3: Applied Faculty Completed and TRL 4: Small scale Solar Water Heater with IP / Patented Yes and Solar Energy Centre Ready for research. First prototype built in a Storage Technology Commercialization/I laboratory tests laboratory completed; proof of ncubati environment ("ugly" Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 3160 Patent nnovations Applica tion No Development by Centre (In Rupees) Year of 2019 Patent 32500 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Anil Kumar Faculty anilkumar@shooliniuniversity.com 8894175292 Co-Innovator Name Type Gender Email Contact Robin Thakur Faculty Male 8894373150 robinsampark.thakur@gmail.com Sunil Kumar Male 9418514678 Faculty sunilkumar.me13@shooliniuniversity Solar Equipment to Extract Hydraulics Machine TRL 3: Applied Faculty 2019 Completed but No TRL 3: Applied No No IP / Patented Yes Substances from Plants and Solar Energy research. First Further Action research. First Technology Centre Taken laboratory tests laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I Patent 3160 nnovations Applica tion No 69 Development by Centre (In Rupees) Year of Patent 2019 32500 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?				
	Principal Inn	ovator												
		Name		Туре		Gender		Email		ontact				
	Anil Kumar	Anil Kumar Faculty Male anilkumar@shooliniuniversity.com 8894175292												
	Co-Innovator	•												
		Name		Туре		Gender		Email		ontact				
	Mamta Sharma			Faculty		male	mamtasha m	mamtasharma@shooliniuniversity.co m						
	Rajesh Kumar			Faculty	Ma	ale	rajesh.su6 m	11@shooliniuniversity.co	8679741043					
	Robin Thakur			Faculty	Ma	ale	robinsamp	ark.thakur@gmail.com	8894373150					
A HYBRID TERNARY PHOTOCATALYST FOR THE RAPID TREATMENT OF WATER CONTAMINATED WITH RHODAMINE B DYE AND METHOD THEREOF	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  IP / Patented Yes 2019  Yes 2019  Yes 2019  2019  2019  Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No				
	Principal Inn	ovator												
		Name		Туре		Gender		Email	Co	ontact				
	Pankaj Raizada			Faculty		Female		pankajraizada@shooliniuniversity.co		8278743410				

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Co-Innovator	•								
		Name		Туре		Gender		Email	Co	ontact
	Prachi Thakur			Student	F	emale	-		-	
	Vasudha Hasija			Student	F	emale	-		-	
	Pardeep Singh			Faculty	N	1ale	pardeepsi m	ngh@shooliniuniversity.o	9459316882	
Weight Lifting Equipment	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica		TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  115100	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Robin Thakur			Faculty		lale	robinthaku	ır@shooliniuniversity.cor	n 8894373150	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current St Innovation, of TRL it reache	, Stage t has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revenu from Idea/Prototype/li vations for the p incubation/incub n support and t services offered Pre- incubation/incub n or institute duu the financial per 2018-19?
	Co-Innovator	•									
		Name		Туре		Gender			Email	C	ontact
	Nitin Rana			Student	Ma	le	-			-	
	Anil Kumar			Faculty	Ma	le	aı	nilkumar@	shooliniuniversity.com	7018508569	
	Sunil Kumar			Faculty	Ma	le		unilkumar.ı com	me13@shooliniuniversi	9418514678	
	Varun Bhola			Student	Ma	le	-			-	
	Nabeen Kumar			Student	Ma	le	-			-	
	Vikrant Garg			Student	Ma	le	-			-	
A Process of Synthesis of Ag ZnO Nanoparticles using Trillium Govanianum	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion  Yes 2019 1101 2292  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : App research. Fi laboratory te completed; p concept.	ests	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  120100	No	No
	Principal Inne	ovator									
		Name		Туре		Gender			Email	C	ontact
	Saurabh Kulshresh	tha		Faculty	Male saurabhkulshreshtha@shooliniuniver 9459241 sity.com			er 9459241393			

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	vation / Prototype		Innovation Developed by	Year of Innovation / Project Started Type of Innovati		ation Incubation/Incubati Innovation on Support of TRI		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innvations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
	Co-Innovator										
		Name		Туре		Gender			Email	(	Contact
	Ankush Chauhan			Student	Ma	le		-		-	
	Swati			Student	Fe	male		-		-	
	Rajesh Kumar			Faculty	Ma	Male		rajeshsharma@shooliniuniversity.co m		9418081988	
	Mamta Shandilya Sonu			Faculty	Fe	male		mamtashandilya@shooliniuniversity.		/. 9857166118	
				Student	Ma	le		-		-	
	Vikrant Sharma			Student	Ma	le		-		-	
Z scheme Photocatalyst and a Process for the Preparation Thereof	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2019  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : research laborato complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  100000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	C	Contact
	Pankaj Raizada			Faculty	Fe	Female			ada@shooliniuniversity.c	8278743410	

ldea / Prototype / Ini	novation have i	received Grant /	funding from	Pre-Incubation /	Incubation	Centre / Facilities						
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovat	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Support to Idea / Prototype / Innovations	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innvations for the pre incubation/incubatin support and the services offered by Pre-incubation/incubatin or institute during the financial period 2018-19?		
	Co-Innovator	r										
		Name		Туре		Gender		Email	Co	ontact		
	Vasudha Hasija	Vasudha Hasija				Female	-		-			
	Pardeep Singh			Faculty		Male p		ngh@shooliniuniversity.co	9459316882			
	Anita Sudhaik			Student		Female	-		-			
MULTIPLE LUG SPANNER	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Application No  Year of Patent Application  Year of Patent Application	Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  35000	No	No		
	Principal Innovator											
		Name		Туре		Gender		Email	Co	ontact		
	Abhilash Pathania			Faculty		Male	abhilashpa com	athania@shooliniuniversit	y. 8091330001			
	Co-Innovator	r										
		Name		Туре		Gender		Email	Co	ontact		
	Sorabh Agarwal			Faculty		Male	sorabhagg com	garwal@shooliniuniversity	. 9041996541			
	Boddu Satya Rama Sai Vithal			Student		Male -						

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during during the financial period 2018-19 the financial period 2018-19 the financial period 2018-19? FLEXI PVC CUTTER 2019 No No TRL 3: Applied Faculty Completed but No TRL 3: Applied Machine and Yes IP / Patented Welding Workshop research. First Further Action research. First Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 3161 Patent nnovations Applica tion No 98 Development by Centre (In Rupees) Year of 2019 Patent 35000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Bhaskar Goel Faculty bhaskargoel@shooliniuniversity.com 9459019515 Co-Innovator Name Type Gender Email Contact Faculty Male sorabhaggarwal@shooliniuniversity. 9041996541 Sorabh Aggarwal com Male C. Narasimha Reddy Student A SYSTEM FOR High Energy Lab TRL 3: Applied Faculty 2019 Completed but No TRL 3: Applied No No IP / Patented Yes COMPENSATION OF research. First Further Action research. First Technology DISPERSION IN OPTICAL Taken laboratory tests laboratory tests FIBRE COMMUNICATION completed; proof of completed; proof of Total Seed Grant/Fund AT HIGHER DATA RATE concept. concept. Applie d for Yes OF 100GBPS OVER A Amount LONGER DISTANCE OF Patent Disbursed to 120KM above Idea/Prototype/I Patent 2019 nnovations Applica tion No 1101 Development by Centre (In 0808 Rupees) Year of Patent 2019 101000 Applica tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovati	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut- received any income/revenu from Idea/Prototype/Ir vations for the p incubation/incub: n support and tiservices offered Pre- incubation/incub: n or institute dur the financial per 2018-19?
	Principal Inn									
	Ashwani Kumar	Name		Type		Gender Male	ashwanish om	Email arma@shooliniuniversity		ontact
	Co-Innovator	,								
		Name		Туре		Gender		Email	Co	ontact
	Shalini Sharma			Student		Female	-		-	
	Robin Thakur			Faculty		Male	robinsamp	ark.thakur@gmail.com	8894373150	
	R.P. Dwivedi			Faculty		Male	rpdwivedi@	@shooliniuniversity.com	9857478122	
ANTI THEFT and VEHICLE DENTIFICATION SYSTEM AND METHODS THEREOF	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2018 Applica 110 tion No 2738  Year of Patent Applica tion	Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  86000	No	No
	Principal Inn	ovator Name		Tuno		Gender		Email		ontact
	Brij Bhushan	Name		Type Faculty		Male Gender	brijbhusha	n@shooliniuniversity.con		Jillaol -

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innoval		Current Status Pre- Incubation/Incubati on Support Received	Current Sta Innovation, of TRL it reache	Stage has	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received any income/reven from Idea/Prototype/ vations for the incubation/incub n support and services offerer incubation/incut n or institute du the financial pe 2018-19?
	Co-Innovator	•										
		Name		Туре			Gender			Email	Co	ontact
	Harshit Bhatt			Student		Male		-			-	
	Wasi Rasooli			Student		Male		-			-	
NFRA RED SENSOR BASED PLATFORM IGHT SYSTEM	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 201 Applica 110 tion No 236  Year of Patent Applica tion	9 1 1	Completed but No Further Action Taken	TRL 3 : Appli research. Fir laboratory te completed; p concept.	sts	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inne	ovator										
		Name		Туре			Gender			Email	Co	ontact
	Brij Bhushan			Faculty		Male		bri	ijbhushan	@shooliniuniversity.con	n 9816260108	
	Co-Innovator											
		Name		Туре			Gender			Email	Co	ontact
	Vibhav Dhadwal			Student		Male		-			-	
	Savita			Student		Female	•	-			-	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from during the period of Name of Idea / POC / Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2019 No No BOTTLE FOR HEATING Tinkering Lab TRL 3: Applied Faculty Completed but No TRL 3: Applied Yes IP / Patented OF LIQUID THROUGH research. First Further Action research. First Technology MANUAL ROTATION laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by 2363 Centre (In Rupees) Year of 2019 Patent 101000 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Varun Jaiswal Faculty varun.505@shooliniuniversity.com 9736490104 Co-Innovator Email Name Type Gender Contact Akash Ujjwal Student Male Shwetamber Pathak Student Male Male Sujit Thakur Student TRL 3 : Applied research. First Completed but No COMPOSITION OF FIBER Faculty and 2019 TRL 3: Applied No No Machine and IP / Patented Yes REINFORCED Welding Workshop research. First Student Further Action Technology CONCRETE MIX AND laboratory tests laboratory tests Taken completed; proof of completed; proof of Total Seed Grant/Fund METHODS THEREOF concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I Patent 2019 nnovations **Applica** 1101 Development by tion No 2510 Centre (In Rupees) Year of 2019 Patent 86000 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	ige agencies) in terms	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
	Principal Inn	ovator								
	M.S. Thakur	Name		Type Faculty	Male	Gender	mohi sity.c	Email ndrasinghthakur@shooliniuniv om		ontact
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact
	Veena Kashayap  Deepak			Faculty Faculty	Fem		veen	a@shooliniuniversity.com	7831969253	
COMPOSITION OF WASTE PAPER SLUDGE ASH AS SUPPLEMENTARY MATERIAL FOR CEMENT AND METHODS THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent Patent Applica tion No 2512  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proceedings of the concept.		No	No
	Principal Inn			Time		Gender		Email		ontact
	M.S. Thakur	Name		Type Faculty	Male		mohii sity.c	ndrasinghthakur@shooliniuniv		ontact
	Co-Innovator									
		Name		Туре		Gender		Email	C	ontact

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
A METHOD OF ENGLISH BOND BRICK MASONRY BY A NUMBERING TECHNIQUE AND USES THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Yes 2019 1101 2416  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	M.S. Thakur			Faculty	Male	9	mohindras rsity.com	inghthakur@shooliniiuniv	9418134999	
	Co-Innovator	r								
		Name		Туре		Gender		Email	Co	ontact
	Vikas Mehta			Student	Male	9	-		-	
	Veena Kashyap			Faculty	Fem	ale	veena@sh	nooliniuniversity.com	7831969253	
	Priyanka			Student	Fem	ale	-		-	

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19 during the financial period 2018-19 the financial period 2018-19? 2019 No No TRL 3: Applied Faculty Completed but No TRL 3: Applied Process of Thickness on Machine and Yes IP / Patented the Rubberized Base Welding Workshop research. First Further Action research. First Technology Isolator in RCC 8 Story laboratory tests Taken laboratory tests Frames and Uses thereof completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Yes Applie d for Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by 2737 Centre (In Rupees) Year of 2019 Patent 96000 Applica tion **Principal Innovator** Name Type Gender Email Contact M.S. Thakur Faculty Male mohindrasinghthakur@shooliniuniver 9418134999 sity.com Co-Innovator Name Type Gender Email Contact Vikas Mehta Student Male Male Bhupender Kumar Student A SYSTEM FOR FULLY Hydraulics Machine TRL 3: Applied Faculty 2019 Completed and TRL 4: Small scale No No IP / Patented Yes AUTOMATIC INDIRECT and Solar Energy research. First Ready for prototype built in a Technology SOLAR DRYER Centre Commercialization/I laboratory laboratory tests completed; proof of environment ("ugly" ncubati Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Patent Disbursed to above Idea/Prototype/I Patent 2019 nnovations Applica tion No 1101 Development by Centre (In 2736 Rupees) Year of Patent 2019 66000 Applica tion

Idea / Prototype / Inn	novation have r	eceived Grant	/ funding from F	Pre-Incubati	on / Incubation	n Centre	e / Facilities						
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)		Year of Innova Project Start	tion / Type of Jap	ç	Current Status Pre- ncubation/Incubati on Support Received	Current Sta Innovation, of TRL it reache	atus of Stage has c	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototypy vations raises Seed fund/A Investment during the per receiving procubation/inc n support at Preincubation/inc n or institute the financial procubation function function function function function f	e/Inno d any ngel VC riod of re- ubatio your ubatio during period	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
	Principal Inno	ovator											
		Name			Туре		Gender			Email		Con	tact
	Brij Bhushan			Faculty		Male		Bri	ijbhushan@	shooliniuniversity.co	m 98162601	08	
	BARIUM STRONTIUM TITANATE MATERIAL AND METHOD OF MANUFACTURING THE SAME	Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019		IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2842  Year of Patent Applica tion	Completed b Further Actio Taken	li c	TRL 3 : Applied research. First aboratory tests completed; proof of concept.	Yes  Total See Grant/Fur Amount Disbursed above Idea/Prototy nnovatior Developmer Centre (I Rupees)	d d d d d d d d d d d d d d d d d d d	No
No		Principal In	novator										
			Name		Туре		Ge	ender		Email		C	ontact
		Mamta Shandilya			Faculty		Female		mamt sity.c	tashandilya@shoolini om	univer 9857	166118	
Co-Innovator													BARIUM ZIRCONATE
	Name		Туре		Gende			Email		Cor	ntact		TITANATE MATERIAL AND METHOD OF
Shweta Thakur		Sto	udent	Fe	male		-			-			MANUFACTURING THE SAME
Radheyshyam Rai		Fa	aculty	Ma	ale		radheshyam@	@shooliniuniver	sity.com	8521588056			

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre  Name of Centre  Stage of Innovation (TRL Stage)  Innovation Developed by Project Started  Type of Innovation	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Support to Idea / Support at your reached Support to Idea / Support at your approach and support and reached Support to Idea / Support at your support at your support and support suppor
	Received reached Support to Idea / Prototype / Innovations Development during the financial period 2018-19 Support at your Pre-incubation/incubatio n or institute during the financial period 2018-19 a support and services offere Pre-incubation/incubatio n or institute during the financial period 2018-19 2018-19?
Environmental and Analytical Chemistry Lab  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty and Student  Student  TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Faculty and Student  TRL 3 : Applied research. First laboratory tests completed but No Further Action Taken  Completed but No Further Action Taken  Patent Applica tion No 2843  Year of Patent Applica tion  Yes and Truchology  Applied Technology  Applied	TRL 3 : Applied research. First laboratory tests completed; proof of concept.  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  101000
Principal Innovator	
Name Type Gender	Email Contact
Mamta Sandilya Faculty Female	mamtashandilya@shooliniuniversity.c 9857166118 om
Co-Innovator	A Process for synthesis of Leter Free Barium,
Name Type Gender	Email Contact Strontium Titan Ba0.90Sr10TiC
Radheyshyam Rai Faculty Male	radheshyam@shooliniuniversity.com 8521588056
Poonam Kumara Student Female	

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from during the period of Name of Idea / POC / Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio (TRL Stage) Developed by Project Started on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19 during the financial period 2018-19 the financial period 2018-19? 2019 Completed but No No TRL 3: Applied Faculty TRL 3: Applied No Environmental and IP / Patented Yes Further Action research. First research. First Analytical Chemistry Lab Technology laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by Centre (In 2931 Rupees) Year of 2019 Patent 85100 Applica tion **Principal Innovator** Name Type Gender Email Contact Mamta Shandilya Faculty Female mamtashandilya@shooliniuniversity.c 9857166118 Molecular Plant TRL 3: Applied Faculty and 2019 No No A Process for synthesis of Completed and TRL 3: Applied IP / Patented Yes research. First Silver Doped Zinc Oxide Microbe Interaction Student Ready for research. First Technology using Cannabis Sativa Leaf Centre laboratory tests Commercialization/I laboratory tests completed: proof of ncubati completed; proof of Total Seed Grant/Fund concept. Applie d for concept. Yes Amount Patent Disbursed to above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by 2932 Centre (In Rupees) 2019 Year of Patent 125100 **Applica Principal Innovator** Name Type Gender Email Contact Rajesh Kumar Male Faculty 9418081988 rajeshsharma@shooliniuniversity.co

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TF	it Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Se In duri re incu n s incu n or	Had the a/Prototype/Inno ions raised any sed fund/Angel ovestment/VC in the period of eceiving presibation/incubatio support at your Presibation/incubatio r institute during financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incuba
	Co-Innovator	Name		Turno		Condor			Email		Co	entant
	Ankush Chauhan	Name		Type Student	Ma	Gender			Email			ontact
	Swati			Student		male		-				
	Saurabh Kulshresh	tha		Faculty	Ma			sourabhku sity.com	Ishreshtha@shooliniuniv	/er	9625033405	
	Mamta Shandilya			Faculty	Fe	male		mamtasha com	ndilya@shooliniuniversit	ty.	9857166118	
	Anil Kumar			Faculty	Ma	ale		anilkumar	@shooliniuniversity.com		7018508569	
	Zubin Thakur			Student	Ma	ale		-			-	
process of synthesis of arium titanate zirconate aTi1-xZrxO3 ceramics anoparticles	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2019  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : research laborato complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  120100	No		No
	Principal Inn	ovator										
		Name		Туре		Gender			Email		Co	ontact
	Mamta Shandilya			Faculty	Fe	male		mamtasha com	ndilya@shooliniuniversit	ty.	9857166118	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovation of TRI	Status of on, Stage L it has ched	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation n support and the services offered by Pre- incubation/incubation n or institute during the financial period 2018-19?
	Co-Innovator										
		Name		Туре		Gender			Email	Co	ontact
	Radheshyam Rai			Faculty	Ma	e		radheshya	m@shooliniuniversity.cor	m 8521588056	
	Gun Anit Kaur			Student	Ma	е		-		-	
	Shweta Thakur			Student	Fer	nale		-		-	
Novel method for enhancement of production of Astaxanthin from microalga HAEMATOCOCCUS PLUVIALIS	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica 1101 tion No 5725  Year of Patent Applica tion	Receiving Incubation Support at Incubation Centre	TRL 3 : A research. laboratory completer concept.	First	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Pradeep Kumar			Faculty	Ма	e		pradeep.ki om	umar@shooliniuniversity.	9459514137	
	Co-Innovator										
		Name		Туре		Gender			Email	Co	ontact
	Saurabh Kulshresh	tha		Faculty	Ma	e		sourabhku sity.com	Ishreshtha@shooliniunive	er 9459241393	

#### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** Name of Idea / POC / received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19 during the financial period 2018-19 the financial period 2018-19? 2019 No No Molecular Plant TRL 3: Applied Faculty TRL 4: Small scale Novel process for Receiving IP / Patented Yes production of Liposome Microbe Interaction research. First Incubation Support prototype built in a Technology encapsulation of Centre laboratory tests at Incubation laboratory Astaxanthin completed; proof of environment ("ugly" Centre Total Seed Grant/Fund concept. prototype). Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by 5726 Centre (In Rupees) Year of 2019 Patent 141000 Applica tion **Principal Innovator** Name Type Gender Email Contact Pradeep Kumar Faculty Male pradeep.kumar@shooliniuniversity.c 8219880058 Co-Innovator Type Gender Email Name Contact Faculty Male sourabhkulshreshtha@shooliniuniver 9459241393 Saurabh Kulshreshtha sity.com DIAGNOSTIC AGENT Centre of Food TRL 3: Applied Faculty and 2019 Completed but No TRL 3: Applied No No IP / Patented Yes research. First FOR QUICK VISUAL Processing Student Further Action research. First Technology DETECTION OF THE PESTICIDE laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund MONOCROTOPHOS concept. Applie d for concept. Yes Amount Patent Disbursed to above Idea/Prototype/I Patent 2019 nnovations **Applica** 1101 Development by tion No 6467 Centre (In Rupees) Year of 2019 Patent 111000 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TR	t Status of tion, Stage RL it has ached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/Invations for the princubation/incuban support and the services offered learn or institute durit the financial peric 2018-19?
	Principal Inn	ovator									
		Name		Туре		Gender			Email	С	ontact
	Prince Chawla			Student	Male			princefood	ltech@gmail.com	7015846668	
	Co-Innovator										
		Name		Туре		Gender			Email	С	ontact
	Ravinder kaushik			Faculty	Male			ravinder@	shooliniuniversity.com	9416962729	
	Naveen Kumar			Faculty	Male			naveen.56	1@shooliniuniversity.com	m 9992332800	
asy elevator	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  The state of Patent Applica tion  Patent Applica tion  Patent Applica tion	Completed but No Further Action Taken	TRL 3 : A research laborator complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  35000	No	No
	Principal Inn	ovator									
		Name		Туре		Gender			Email	С	ontact
	Kuldeep Chand Roj	he		Faculty	Male			kuldeeproj m	he@shooliniuniversity.co	9882044749	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status Innovation, Sta of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received any income/reven from Idea/Prototype/ vations for the incubation/incul n support and services offeres incubation/incul n or institute du the financial pe 2018-19?
	Co-Innovator	•								
		Name		Туре		Gender		Email	С	ontact
	Narshimha Reddy			Student	M	ale	narshi	mha@shooliniuniversity.com	9882044749	
	Abhilash Pathania			Faculty	M	ale	abhila com	shpathania@shooliniunivers	ity. 9418503057	
	Sorabh Aggarwal			Faculty	M	ale	sorabl com	naggarwal@shooliniuniversit	y. 9041996541	
	Amar Raj Singh Sui	i		Faculty	M	ale	amarr m	ajsingh@shooliniuniversity.c	0 9882310780	
ork Lifter	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	С	ontact
	Kuldeep Chand Roj	he		Faculty	M	ale	kuldee	projhe@shooliniuversity.cor	n 9882044749	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Innovat of TF	t Status of ion, Stage RL it has ached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations ii Development	Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- ncubation/incubatio n support at your Pre- ncubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation r support and the services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
	Co-Innovator	,									
		Name		Туре		Gender			Email	Co	ontact
	Narshimha Reddy			Student	М	ale		narshimha	@shooliniuversity.com	9882044749	
	Abhilash Pathania			Faculty	М	ale		abhilashpa com	thania@shooliniuniversity.	8091330001	
	Sorabh Aggarwal			Faculty	M	ale		sorabhagg com	arwal@shooliniuniversity.	9041996541	
	Amar Raj Singh Sur	i		Faculty	М	ale		amarrajsin m	gh@shooliniuniversity.co	9882310780	
Fresnel Lens Solar Water Heater	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent 17- tion No 2019  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : research laborator complete concept.	n. First ry tests ed; proof of	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  32500	No	No
	Principal Inne	ovator									
		Name		Туре		Gender			Email	Co	ontact
	Robin Thakur			Faculty	M	ale		robinthaku	r@shooliniuniversity.com	8894373150	
	Co-Innovator	,									
		Name		Туре		Gender			Email	Co	ontact
I	Sunil Kumar			Faculty	l M	ale		sunilkumar	@shooliniuniversity.com	8894373150	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from Name of Idea / POC / during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2019 No No METHOD TO ANALYSE TRL 3: Applied Faculty and Completed but No TRL 3: Applied Machine and IP / Patented Yes research. First Welding Workshop research. First Student Further Action THE EFFECT OF THE Technology MASS IRREGULARITY IN laboratory tests Taken laboratory tests RCC BUILDING OF completed; proof of completed; proof of Total Seed Grant/Fund MODERATE HEIGHT concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 2019 Patent nnovations Applica tion No 1101 Development by 7412 Centre (In Rupees) Year of 2019 Patent 126000 **Applica** tion **Principal Innovator** Name Type Gender Email Contact Veena Kashyap Faculty Female veena@shooliniuniversity.com 7831969253 Co-Innovator Name Type Gender Email Contact M.S. Thakur Faculty Male mohindrasinghthakur@shooliniuniver 9418134999 sity.com Male Deepak Faculty deepakkumar@shooliniuniversity.co 9888541682 METHOD TO ANALYSE TRL 3 : Applied research. First Machine and TRL 3: Applied Faculty and 2019 Completed but No No No IP / Patented Yes EFFECT OF THE Welding Workshop research. First Student Further Action Technology **STIFFNESS** laboratory tests Taken laboratory tests IRREGULARITY IN 9-STOREY RCC BUILDINGS completed; proof of completed; proof of Total Seed concept. concept. Grant/Fund Yes Applie d for Amount Disbursed to Patent above Idea/Prototype/I Patent 2019 nnovations 1101 Applica Development by tion No 8048 Centre (In Rupees) 2019 Year of Patent 101000 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Pre-Incubation /  Year of Innovation /  Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatic n support and the services offered by Pre- incubation/incubatic n or institute during the financial period 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	M. S. Thakur			Faculty	Ma	e	mohindras sity.com	inghthakur@shooliniuniv	ver 9418134999	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Neha Thakur			Student	Fe	nale	nehathaku	r@shooliniuniversity.con	n 9418134999	
AN AUTOMATIC GAS STOVE LPG CUT OFF SYSTEM USING ARDUINO	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica 1101 tion No 8048  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  101000	No	No
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Brij Bhushan			Faculty	Ma	e	brijbhusha	n@shooliniuniversity.cor	n 9816260108	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Nagesh Kumar			Faculty	Ма	e	nageshku m	mar@shooliniuniversity.c	o 8219710036	
	Ruchika Sharma			Student	Fe	nale	ruchikasha	arma@shooliniuniversity.	c 9816260108	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from Name of Idea / POC / during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation, Stage of TRL it has Innovation Year of Innovation / Incubation/Incubati agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19? the financial period 2018-19 during the financial period 2018-19 2019 No No Solar Water Heater Hydraulics Machine TRL 3: Applied Faculty Completed but No TRL 3: Applied IP / Patented Yes and Solar Energy research. First Further Action research. First Technology Centre laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed Grant/Fund concept. concept. Applie d for Yes Amount Disbursed to Patent above Idea/Prototype/I 3178 Patent nnovations Applica tion No 39 Development by Centre (In Rupees) Year of 2019 Patent 32500 Applica tion **Principal Innovator** Name Type Gender Email Contact Male Robin Thakur Faculty robinthakur@shooliniuniversity.com 8894373150 Co-Innovator Name Type Gender Email Contact Amar Raj Singh Suri Faculty Male 9882310780 amarrajsingh@shooliniuniversity.co Sunil Kumar Male 9418514678 Faculty sunilkumar.me13@shooliniuniversity TRL 3 : Applied research. First TRL 3 : Applied research. First Solar Water Heater Hydraulics Machine Faculty 2019 Completed but No No No IP / Patented Yes and Solar Energy Further Action Technology Centre laboratory tests Taken laboratory tests completed; proof of completed; proof of Total Seed concept. concept. Grant/Fund Yes Applie d for Amount Disbursed to Patent above Idea/Prototype/I 3178 40 Patent nnovations Applica Development by tion No Centre (In Rupees) 2019 Year of Patent 32500 **Applica** tion

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations i Development	Had the dea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- ncubation/incubatio n support at your Pre- ncubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubati n support and the services offered by Pre- incubation/incubati n or institute durin the financial perior 2018-19?
	Principal Inn	ovator								
		Name		Туре		Gender		Email	Co	ontact
	Rajesh Kumar			Faculty	М	ale	rajeshshai m	ma@shooliniuniversity.co	8119200439	
	Co-Innovator									
		Name		Туре		Gender		Email	Co	ontact
	Anil Kumar			Faculty	М	ale	anilkumar	@shooliniuniversity.com	7833984985	
	Robin Thakur			Faculty	М	ale	robinsamp	ark.thakur@gmail.com	8894373150	
	Amar Raj Singh Sur	i		Faculty	М	ale	amarrajsin m	gh@shooliniuniversity.co	9882310780	
Solar Organic Fertilizer Plant	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  37500	No	No
	Principal Inn									
	Mamta Sharma	Name		Type Faculty	F	Gender	MamtaSha	Email arma@shooliniuniversity.c	7018578162	ontact
	Wanta Onama			lacuity	' '	inaic	om	arria@3rioomilariivci3ity.c	7010070102	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	novation have	received Grant A	Innovation Developed by	Pre-Incubation /  Year of Innovation /  Project Started	Incubation  Type of Innove		Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype /	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during
	Co-Innovato			T			October		period 2018-19	2018-19	the financial period 2018-19?
	Anil Kumor	Name		Type		Mala	Gender	a nilleum a	Email		ontact
	Anil Kumar Rajesh Kumar			Faculty		Male Male			r@shooliniuniversity.com	7018508569 b 8219200439	
Gas Stove	High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patente Technolog  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion	y es 81	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	esearch. First boratory tests mpleted; proof of total Seed		No
	Principal Inn	ovator									
		Name		Туре			Gender		Email	Co	ontact
	Brij Bhushan			Faculty		Male		brijbhush	an@shooliniuniversity.com	9816260108	
	Column Chromatography Apparatus	Central Instrumentation Facility	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019		IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	on Innovation Developed by	Year of Innoval Project Start	tion / Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Invations for the princubation/incuban support and the services offered Preincubation/incuban or institute durithe financial perincubation/incuban or institute durithe financial perincubation/incuban or institute durithe financial perincubation/incubanorialstitute durithe financial perincubation/incubanorialstitute durithe financial perincubation/incubanorialstitute durithe financial perincubations during the financial perincubation during the financial
No		Principal Ir	novator							
			Name		Туре	G	ender	Email		Contact
		Ashutosh Kumai	Dash		Faculty	Male		ashutoshkumardash@sho iversity.com	9018550849	<del></del>
Co-Innovator										IMMUNOMODU TORY ANTI- INFLAMMATOR
	Name		Туре		Gender		Email	Со	ntact	STEROIDAL LACTONE
Deepak Kumar		F	aculty	Ma	ale	deepakkum	ar@shooliniuniversity.	com 7033443126		COMPOUND AT METHOD FOR PREPARING TH
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patente Technology  Applie d for Patent Patent Applica tion No 24:  Year of Patent Applica tion	Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	SAME
Principal Innovato	r									
Reena V. Saini	Name		Type	E <sub>0</sub>	Gender	roonacainid	Email shooliniuniversity.com		ntact	
Co-Innovator			acuity	Fe	HILIAIC	reeriasainie	SHOOMHULIIVEISILY.COM	0034300244		Apparatus for Chemical Synth
	Name		Туре		Gender		Email	_ Co	ntact	Onomical Cyrilli
					<u> </u>		dan@shooliniuniversit			

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incu Centre/inst received a income/rev from Idea/Prototyp vations for th incubation/inc n support ar services offe Pre- incubation/inc n or institute the financial 2018-19
narmaceutical Product evelopment Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  37500	No	No	
Principal Innovat										
Deepak Kumar	Name		Type	Male	Gender	deepakkumar	Email @shooliniuniversity.com		ntact	
Calmayatar				<u>'</u>						IMMUNOMO
Co-Innovator	Name		Туре		Gender		Email	Co	ntact	TORY or ANT
Ashutosh Kumar Dash	, taino		Faculty	Male	- Comuci	ashutoshkuma ty.com	ardash@shooliniunivers		····aor	LACTONE COMPOUND DATURLIN A METHOD FO
Deepak Kapoor			Faculty	Male		deepaknandk ersity.com	ishore.558@shooliniuniv	9646142349		PREPARING
nimal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent  Patent Applica 1102 tion No 4277	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by	No	No	

dea / Prototype / In	novation have r	eceived Grant	/ funding from F	Pre-Incubation /	Incubation Cen	tre / Facilitie	es			
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	n Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status F Incubation/Incut on Support Received		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inrvations for the preincubation/incubatin support and the services offered be preincubation/incubatin or institute durin the financial period 2018-19?
Principal Innovato	or	•		,			,			
	Name		Туре		Gender		Email	Co	ntact	
Reena Vohra Saini		Fa	aculty	Female		reenasai	ni@shooliniuniversity.com	8894568244		
Co-Innovator										IMMUNOMODULA TORY or ANTI
Oo iiiilovatoi	Name		Туре		Gender		Email	Co	ntact	INFLAMMATORY STEROIDAL LACTONE
Gourav Chandan		Sti	udent	Male		gouravch m	nandan@shooliniuniversity.c	8894568244		COMPOUND DATURALACTON AND METHOD FOR PREPARING
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2019  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 4 : Small so prototype built in laboratory environment ("ug prototype).	a Yes	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ntact	
Reena V. Saini		Fa	aculty	Female		reenasai	ni@shooliniuniversity.com	8894568244		
Co-Innovator										ARM TYPE SUN TRACKING SYSTEM
	Name		Туре		Gender		Email		ntact	
Gourav Chandan		St	udent	Male		gouravch	nandan@shooliniuniversity.c	o 8894568244		

on / Brototype / Impovetion have received Creat / funding from Bro Incubation / Incubation Centre / Equilities

Idea / Prototype / Inc	novation have r	eceived Gran	t / funding from P	re-Incubati	on / Incubation Cer	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	on Innovation Developed by	Year of Innoval Project Starte	ion / Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patente Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion	Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  40000	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Со	ntact	
Sorabh Aggarwal		F	aculty	Ma	le	sorabhaggarv m	val@shooliniuniversity.c	o 9041996541		
Co-Innovator										SCREW TYPE SUN TRACKING SYSTEM
	Name		Туре		Gender		Email	Со	ntact	
Brij Bhushan		F	aculty	Ma	le	brijbhushan@	shooliniuniversity.com	9816260108		

oo iiiilovatoi				
Name	Туре	Gender	Email	Contact
Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108
Chaduvula Narasimha Reddy	Innovator/Entrepreneur External to Institute	Male	narasimhareddy@shooliniuniversity.c om	9041996541
Abhilash Pathania	Faculty	Male	abhilashpathania@shooliniuniversity.com	8091330001
B.S.R. Saivithal	Innovator/Entrepreneur External to Institute	Male	bsrsaivithal@shooliniuniversity.com	9041996541

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 3190 Applica 34- tion No 001  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  40000	No	No	

# Principal Innovator

Name	Туре	Gender	Email	Contact
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.co	9041996541

### Co-Innovator

Name	Туре	Gender	Email	Contact
Chaduvula Narasimha Reddy	Innovator/Entrepreneur External to Institute	Male	narasimhareddy@shooliniuniversity.c om	9041996541
B.S.R. Saivithal	Innovator/Entrepreneur External to Institute	Male	bsrsaivithal@shooliniuniversity.com	9041996541
Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108
Abhilash Pathania	Faculty	Male	abhilashpathania@shooliniuniversity.c om	8091330001

Solar Plant Growth Chamber

Idea / Prototype / In	novation have r	eceived Grant	/ funding from P	re-incubation <i>i</i>	incubation cer	ilie/i aciiilies				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  39500	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ontact	
Mamta Sharma	Name	Fai	Type	Female	Gender	MamtaSharm m	Email a@shooliniuniversity.co		ontact	
Mamta Sharma  Co-Innovator	Name	Fa		Female	Gender				ontact	SULLAGE WATER TREATMENT DI AND THE
	Name Name	Far		Female	Gender Gender			7018578162	ontact	
			culty	Female		m	a@shooliniuniversity.co	7018578162		TREATMENT PLANT AND THE METHOD OF USE
Co-Innovator		Fac	Type			anilkumar@sl	a@shooliniuniversity.co	7018578162 Co 7018508569		TREATMENT PLANT AND THE METHOD OF USE

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inr Project \$	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati in Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innuvations for the preincubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Adit Rana			Faculty		Male			aditrana@shc	ooliniuniversity.com	8219393854		
Co-Innovator												A METHOD FOR PREPARING
	Name		Туре			Gender			Email	Co	ntact	BITUMINOUS CONCRETE MIXES BY USING
Kamal Dev			Faculty		Male			kamaldev@sh	nooliniuniversity.com	9418653905		FLY ASH AND WASTE
Raj Kumar			Faculty		Male			raj.me@shoo	liniuniversity.com	7018322627		POLYETHYLENE
Abhilash Pathania			Faculty		Male			abhilashpatha om	ınia@shooliniuniversity.c	9418503057		
Nidhi Kapoor			Student		Female			nidhikapoor@	shooliniuniversity.com	8219393854		
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pat Techno Applie d for Patent Applica tion No  Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	resea	3 : Applied rch. First atory tests leted; proof of ept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or			•			•					
	Name		Туре			Gender			Email	Co	ntact	
M.S. Thakur			Faculty		Male			mohindrasing	hthakur@shooliniunivers	9418134999		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	on Innovation Developed by	Year of Inn Project S	ovation / Started	Type of Innovation	Incub oı	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubatin support and the services offered by Pre-incubation/incubatin or institute during the financial period 2018-19?
Co-Innovator												Apparatus for Automated Preparative Layer
	Name		Туре			Gender			Email	Co	ntact	Chromatography
Noorullah Yusufi		\$	Student		Male			noorulah@sho	poliniuniversity.com	9418134999		
Vikas Mehta		5	Student		Male			vikasmehta@:	shooliniuniversity.com	9418134999		
Priyanka Panchal		S	Student		Female			priyankapanch om	nal@shooliniuniversity.c	9418134999		
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pat Techno Applie d for Patent Patent Applica tion No Year of Patent Applica tion	Yes 3195 03 2019	Completed but No Further Action Taken	labora	: Applied ch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  39500	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Deepak Kumar		F	aculty		Male			deepakkumar	@shooliniuniversity.com	7033443126		
Co-Innovator												Advanced Multipurpose Rotaevaporator
	Name		Туре			Gender			Email	Co	ntact	Notaevaporator
Ashutosh Kumar Dash		F	aculty		Male			ashutoshkuma ty.com	ardash@shooliniuniversi	9018550849		

Idea / Prototype / In	novation have r	eceived Gran	t / funding from Pre	e-Incubatio	n / Incubation Cer	ntre / Faci	ilities		Had Centre/institute	Had the	Had the Incubation
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Y Developed by	Year of Innovation Project Started	Type of Innovation	Current Sta Incubation/ on Sup Recei	n/Incubati	Current Status of Innovation, Stage of TRL it has reached	provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : App research. F laboratory t completed; concept.	First tests	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or										
	Name		Туре		Gender			Email	Co	ntact	
Ashutosh Kumar Dash	Name	F	Type	Male	Gender		hutoshkuma com	Email ardash@shooliniuniversi		ntact	
Ashutosh Kumar Dash  Co-Innovator	Name	F		Male	Gender					ntact	HERBAL GEL FORMULATION
	Name Name	F		Male	Gender Gender				9018550849	ntact	FORMULATION CONTAINING ESSENTIAL OIL
			aculty	Male		ty.c	com	ardash@shooliniuniversi	9018550849 Co		FORMULATION CONTAINING ESSENTIAL OIL OF MENTHA LONGIFOLIA FOR ORAL
Co-Innovator		F	Type			ty.c	com epakkumar@	ardash@shooliniuniversi	9018550849 Co		FORMULATION CONTAINING ESSENTIAL OIL OF MENTHA LONGIFOLIA FOR

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	ototype ng / Grant Name of Centre Stage of Inn (TRL Sta		ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati Innovation, Stage on Support of TRL it has control reached		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19  Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19		Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inrvations for the preincubation/incu
Principal Innova			_									
Poonam Negi	Name		Type		Female	Gender		poonam.546@	Email  Shooliniuniversity.com	8219477820	ntact	
Co-Innovator												Portable Laminar Airflow Cabinet cum Incubator
	Name		Туре		Gender			Email		Contact		
Prakriti Nidhi			Student		Female			prakritinidhi@shooliniuniversity.com		8219477820		
Kamal Dev			Faculty		Male			kamaldev@shooliniuniversity.com		9418653905		
Anuradha Sourirajan			Faculty		Female			anuradha@shooliniuniversity.com		9805645534		
io-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Pa Techr Applie d for Patent Applica tion No Year of Patent Applica tion	Yes 3195	Completed and Ready for Commercialization/I ncubati	prototy	nment ("ugly"	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  37500	No	No	
Principal Innova	tor											
	Name		Туре			Gender			Email	Co	ntact	
Ankur Kaushal			Faculty		Male			ankurkushal@	shooliniuniversity.com	9882546292		

dea / Prototype / In	novation have r	eceived Gra	nt / funding from	Pre-Incul	oation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub 0	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubatic n support and the services offered by Pre-incubation/incubatic n or institute during the financial period 2018-19?
Co-Innovator							•		·			A PROCESS FOR SYNTHESIS OF CHROMENE
	Name		Туре			Gender			Email	Co	ntact	DIHYDROPYRIMID INONES USING Fe
Kartik Chauhan			Student		Male			kartikchauhan	@shooliniuniversity.com	9882546292		or AI PILLARED CLAY
Rupak Nagraik	aik Faculty		Faculty		Male			rupaknagraik(	@shooliniuniversity.com	7018858252		
Brij Bhushan	Faculty				Male			brijbhushan@	shooliniuniversity.com	9882292949		
Manoti Vyas	Student				Female			manotivyas@	shooliniuniversity.com	9882546292		
Saumya Bharti			Student		Female			saumyabharti@shooliniuniversity.com		9882546292		
Rashika Saproo			Student		Female			rashikasaproc	@shooliniuniversity.com	9882546292		
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pa Techr Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resea labora	3 : Applied rch. First atory tests leted; proof of opt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Ashutosh Kumar Dash			Faculty		Male			ashutoshkuma ty.com	ardash@shooliniuniversi	9018550849		
Co-Innovator												A method of synthesis of Zinc
	Name		Туре			Gender			Email	Co	ntact	synthesis of Zinc Oxide (ZnO) Nanoparticles

Male

deepakkumar@shooliniuniversity.com 7033443126

Deepak Kumar

Faculty

Idea / Prototype / Inc	novation have r	eceived Gra	nt / funding from F	re-Incub	ation /	<b>Incubation Cen</b>	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ion Innovation Developed by	Year of Inn Project S		Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	d for Patent Patent Applica tion No		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  145100	No	No	
Principal Innovato	r										
	Name		Туре			Gender		Email	Со	ntact	
Rajesh Kumar			Faculty		Male		rajeshsharma	@shooliniuniversity.com	9418081988		
Co-Innovator											NOVEL DRUG LOADED MESOPOROUS POLYHEDRAL
	Name		Туре			Gender		Email	Со	ntact	POLYHEDRAL OLIGOMERIC SILSESQUIOXANE
Ritesh Verma			Student		Male		riteshverma@	shooliniuniversity.com	8219200439		SYSTEM, PROCESS AND
Swati			Student		Female		swati@shooli	niuniversity.com	8219200439		COMPOSITION THEREOF

POLYI OLIGC SILSE SYSTE PROC COMP THERI

Co-innovator				
Name	Туре	Gender	Email	Contact
Ritesh Verma	Student	Male	riteshverma@shooliniuniversity.com	8219200439
Swati	Student	Female	swati@shooliniuniversity.com	8219200439
Ankush Chauhan	Student	Male	ankushchauhan@shooliniuniversity.co m	8219200439
Saurabh Kulshreshtha	Faculty	Male	sourabhkulshreshtha@shooliniunivers ity.com	9625033405
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	7018578162

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ition Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pr Incubation/Incub on Support Received		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubal Centre/institus received any income/reven from Idea/Prototype/vations for the incubation/incul n support and services offered Pre-incubation/incul n or institute duthe financial pe 2018-19?
harmaceutical Product evelopment Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica 1103 tion No 1223  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovat	Or Name		Туре		Gender		Email	Co	ntact	
Deepak Kapoor			Faculty	Male		deepakka m	poor@shooliniuniversity.co	9646142349		
Co-Innovator										COMPOSITION COMPRISING ESSENTIAL OI
	Name		Туре		Gender		Email	Co	ntact	AND SOLVENT EXTRACTS OF ARTEMISIA
Dhriti Verma			Student	Female		dhritiverm	a@shooliniuniversity.com	9646142349		ANNUA AS BIOAVAILABILI
Deepak Kapoor			Faculty	Male		deepakna ersity.con	ndkishore.558@shooliniur	9646142349		ENHANCER OF FLUCONAZOLI AND
	TRL 3 : Applied research. First laboratory tests completed; proof of	Faculty and Student	2019	IP / Patented Technology Applie Yes d for	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof concept.	Yes  Total Seed Grant/Fund Amount	No	No	AMPHOTERICI TO MANAGE CANDIDIASIS

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	tion Innovation Developed by	Year of Inn Project S	ovation / started	Type of Innovation	Incub	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		
Co-Innovator												Probiotic drink and process for the preparation
Anshika Sharma	Name Sharma		Type Student		Gender			Email  anshikasharma@shooliniuniversity.co m		Contact 9805645534		
Prakriti Nidhi			Student		Female			prakritinidhi@shooliniuniversity.com		9805645534		
Rajan Rolta			Student		Male			rajanrolta@shooliniuniversity.com		9805645534		
Kamal Dev			Faculty	Male			kamaldev@shooliniuniversity.com		9418653905			
Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pate Techno Applie d for Patent Patent Applica tion No Year of Patent Applica tion	2019 1103 2821 2019	Completed and Ready for Commercialization/I ncubati	resea labora	3 : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  110100	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Dinesh Kumar			Faculty		Male			dineshkumar(	@shooliniuniversity.com	9816321855		

dea / Prototype / In	novation have r	eceived Gran	nt / funding from F	re-Incub	ation /	Incubation Cer	itre / F	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inn Project S	ovation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator												A SYSTEM FOR AUTOMOBILE COOLING or
	Name		Туре			Gender			Email	Со	ntact	HEATING USING AIR MULTIPLIER
Hariss Khan		;	Student		Male			harisskhan@:	shooliniuniversity.com	9816321855		TECHNIQUES
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pat Techno Applie d for Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	labora	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Adit Rana		1	Faculty		Male			aditrana@sho	poliniuniversity.com	8219393854		
Co-Innovator												A portable laminar airflow cabinet cum incubator
	Name		Туре			Gender			Email	Со	ntact	
Kamal Dev		1	Faculty		Male			kamaldev@sl	nooliniuniversity.com	9418653905		
Raj Kumar		ı	Faculty		Male			raj.me@shoo	liniuniversity.com	7018322627		
Chander Mohan		1	Faculty		Male			chandermoha	n@shooliniuniversity.co	9817190555		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)		Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incul Centre/insti received a income/reve from Idea/Prototyp vations for th incubation/inc n support an services offer Pre- incubation/inc n or institute the financial   2018-19
Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 3263  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or									
Ankur Kaushal	Name	F	Type	Male	Gender	ankurkushal@	Email  Shooliniuniversity.com	9882546292	entact	
						•		•	·	
Co-Innovator										A PROCESS I
Co-Innovator	Name		Туре		Gender		Email	Co	ontact	EXTRACTION METHANOLIC EXTRACT HA HAFMOSTAT
Co-Innovator  Rupak Nagraik	Name	F	Type	Male	Gender	rupaknagraik	Email @shooliniuniversity.com		ontact	EXTRACTION METHANOLIC EXTRACT HA HAEMOSTAT PROPERTIES FROM WILD
	Name			Male Male	Gender				intact	EXTRACTION METHANOLIC EXTRACT HA HAEMOSTAT PROPERTIES

dea / Prototype / Ir	novation have r	received Grai	nt / funding from F	Pre-Incub	oation /	Incubation Cer	ntre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubatin support and the services offered by Pre-incubation/incubatin or institute during the financial period 2018-19?
Principal Innovate	or			•								
	Name		Туре			Gender			Email	Co	ntact	
Astha Tripathi			Faculty		Female			asthatripathi@	shooliniuniversity.com	9817755402		
Co-Innovator												Terpenoids from Colebrookeaoppos
	Name		Туре			Gender		Email		Со	ntact	tifolia as activity enhancers of antibiotic
Isha Sharma		-	Student		Female			ishasharma@shooliniuniversity.com		9817755402		compositions and extraction method thereof
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Pa Techn Applie d for Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	labora	3 : Applied irch. First atory tests leted; proof of ept.	No	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Со	ntact	
Kamal Dev			Faculty		Male			kamaldev@sh	hooliniuniversity.com	9418653905		
Co-Innovator												Compounds for enhancing activity of antibiotic
	Name		Туре			Gender			Email	Со	ntact	compositions against drug sensitive and drug resistant bacteria
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		resistant bacteria
Vipasha Sharma		:	Student		Female			vipasha@sho	ooliniuniversity.com	9418653905		

Idea / Prototype / In	novation have i	eceived Gra	nt / fundina from	Pre-Incubation	/ Incubation Ce	ntre / Fa	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)		Year of Innovation / Project Started		Current S	Status Pre- ion/Incubati Support ceived	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incuban support and the services offered Incubation/incuban or institute durit the financial perice 2018-19?
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2015  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : A research laborator complete concept.	n. First ry tests ed; proof of	No	No	No	
Principal Innovato	or					•					
	Name		Туре		Gender			Email	Co	ontact	
Kamal Dev			Faculty	Male		k	kamaldev@sl	hooliniuniversity.com	9418653905		
Co-Innovator											Compounds from vitex nigundo for
	Name		Туре		Gender			Email	Co	ontact	enhancing antibio activity and overcoming drug
Kazal Pathania			Student	Female	1	k	Kazal@shool	liniuniversity.com	9418653905		resistance
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent  Applica  1464/ DEL/ 2015	Completed but No Further Action Taken	TRL 3 : A research laborator complete concept.	n. First ry tests ed; proof of	No	No	No	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revenue from Idea/Prototype/Ir vations for the p incubation/incubatio
Principal Innovato	Or Name		Туре		Gender		Email	Co	ntact	
Kamal Dev	Name	F	aculty	Male	Gender	kamaldev@s	hooliniuniversity.com	9418653905	maci	
Anuradha Sourirajan Sonika Gupta Center for Omics and Biodiversity Research	Name  TRL 3 : Applied research. First laboratory tests completed; proof of concept.		Type aculty tudent	Female  IP / Patented Technology  Applie d for Patent Patent Applica tion No  Yes DEL/2015  Year of Patent Applica tion  Yes DEL/2015	Completed but No Further Action Taken		Email hooliniuniversity.com  shooliniuniversity.com  Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  73000	9805645534 9418653905	No	A novel microbe producing extracellular bet galactosidase a method of enzy production there
Principal Innovato	or									
Kamal Dev	Name	F	Type	Male	Gender	kamaldev@s	Email hooliniuniversity.com	9418653905	ntact	
Co-Innovator				-		,				Improved Anti I composition for
	Name		Туре		Gender		Email	Со	ntact	composition for treatment of Typhoid and Ga infections cause by Salmonella
Tarun Kumar		s	tudent	Male		tarunkumar@	shooliniuniversity.com	9418653905		by Jamilonella

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	on Innovation Developed by	Year of Innovat Project Starte	ion / Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incu Centre/inst received a income/reve from Idea/Prototyp vations for th incubation/inc n support ar services offe Pre- incubation/inc n or institute the financial 2018-19
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patente Technology  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Taken  17 17 17 17 17 17 17 17 17 17 17 17 17	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
Principal Innovato	Name		Туре		Gender		Email	Co	ontact	
Kamal Dev		F	aculty	Ма	le	kamaldev@s	hooliniuniversity.com	9418653905		
Co-Innovator										Improved ant composition f treatment of
	Name		Туре		Gender		Email	Co	ontact	infections cau by Staphyloc
						ivotimehta@s	shooliniuniversity.com	9418653905		aureus
Jyoti Mehta			Student	Fer	maie 	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Jyoti Mehta Urmila			Student		male		liniuniversity.com	9418653905		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of Int Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institute received an income/reven from Idea/Prototype, vations for the incubation/incute n support and services offere Preincubation/incute n or institute duthe financial pe 2018-19?
Principal Innovato	r											
	Name		Туре			Gender			Email	Co	ontact	
Kamal Dev	Faculty				Male			kamaldev@sl	hooliniuniversity.com	9418653905		
Co-Innovator												Herbal pharmaceutical excipient for enhancing
	Name		Туре			Gender			Email		ontact	antifungal and antibacterial
Urmila			tudent		Female				liniuniversity.com	9418653905		properties of existing drugs
Jyoti Mehta		5	tudent	T	Female	T	<u> </u>	]yotimenta@s	shooliniuniversity.com	9418653905	T	_
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Pat Techn  Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	labora	: Applied rch. First torry tests eted; proof of pt.	No	No	No	
Principal Innovato												
Kamal Dev	Name		Type aculty		Male	Gender		la sa alda ve e al	Email hooliniuniversity.com	9418653905	entact	

ldea / Prototype / In	novation have i	received Gra	ant / fund	ding from Pre-	Incub	ation /	Incubation Cen	itre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation D	Innovation Ye leveloped by	ear of Inr Project \$	ovation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn. vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator	<u>'</u>		<u> </u>	<u>'</u>			•			<u>'</u>			Thermostable antimicrobial peptides and
	Name			Туре			Gender			Email	Co	ntact	method thereof
Vikas Kumar			Faculty			Male			vikas.phd@sh	ooliniuniversity.com	9459527906		
Rajan Rolta			Student			Male			rajanrolta@sh	ooliniuniversity.com	9418653905		
Akash Sharma			Student			Male			akashsharma	@shooliniuniversity.com	9418653905		
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	F F A ti	IP / Pat Techno Applie d for Patent Patent Applica ion No Year of Patent Applica tion	ented ology  Yes  2017 1103 4173 2017	Completed but No Further Action Taken	labora	: Applied rch. First tory tests eted; proof of pt.	No	No	No	
Principal Innovate	or												
	Name			Туре			Gender			Email	Co	ntact	
Anuradha Sourirajan			Faculty			Female			anuradha@sh	ooliniuniversity.com	9805645534		
Co-Innovator													A gene encoding dual enzyme
	Name			Туре			Gender			Email	Co	ntact	dual enzyme aminopeptidase or endoglucanase from thermophilic
Dewanshu Sharma			Student			Male			dewanshusha com	rma@shooliniuniversity.	9805645534		bacterium bacillus sp. Pw2 ku711838
Sonam Sharma			Student			Female			sonumsharma m	@shooliniuniversity.co	9805645534		
Anuradha Sourirajan			Faculty			Male			anuradha@sh	ooliniuniversity.com	9805645534		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of Innovati Project Starte	on / Type of Innovation	Incuba	nt Status Pre- ation/Incubati i Support deceived	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Ind Centre/in received income/re fron Idea/Protot vations for incubation/i n support services of Pre incubation/i n or institut the financia 2018-
Center for Omics and Biodiversity Research	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	IP / Patented Technology  Applie d for Patent  Patent 201 Applica tion No 838  Year of Patent Applica tion	Commercialization/I ncubati	researd postula observ	: Basic ch. Principles ated and red but no mental proof ble.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  126000	No	No	
Principal Innovate			_								
Anuradha Sourirajan	Name		Type	Fen	Gender		anuradha@sh	Email nooliniuniversity.com	9805645534	ntact	
Co-Innovator											Improved pro
	Name		Туре		Gender			Email	Co	entact	oligosacchar from agar us novel psychi
Divyanshi Sharma			Student	Fen	nale		divyanshishar om	ma@shooliniuniversity.o	9805645534		bacteria isola from Himala
Kamal Dev			Faculty	Mal	9		kamaldev@sl	nooliniuniversity.com	9418653905		
	TRL 1 : Basic research. Principles postulated and	Faculty and Student	2018	IP / Patented Technology	Completed and Ready for Commercialization/I ncubati	researd postula observ	: Basic ch. Principles ated and red but no mental proof	Yes  Total Seed Grant/Fund	No	No	

dea / Prototype / In	novation have r	eceived Gra	nt / funding from	Pre-Incuba	ation /	Incubation Cen	tre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of Inno Project St	ovation / tarted	Type of Innovation	Incub	ent Status Pre- vation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Kamal Dev			Faculty		Male			kamaldev@sh	ooliniuniversity.com	9418653905		
Co-Innovator												Biological decaffeination of coffee by hyper
	Name		Туре			Gender			Email	Col	ntact	thermo alkaliphile para geobacillus
Mukesh K Dogra			Student		Male			mukeshdogra	@shooliniuniversity.com	9418653905		toebii strain sm1 and method thereof
Sonam Sharma			Student		Female			sonamsharma m	@shooliniuniversity.co	9418653905		
Anuradha Sourirajan			Faculty		Female			anuradha@sh	ooliniuniversity.com	9805645534		
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent Patent Applica tion No		Completed and Ready for Commercialization/I ncubati	labora	B : Applied rch. First atory tests leted; proof of ppt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Kamal Dev			Faculty		Male			1	ooliniuniversity.com	9418653905		

dea / Prototype / In	novation have r	eceived Gra	nt / funding from F	re-Incub	ation /	<b>Incubation Cen</b>	tre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inno Project S	ovation / tarted	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator			·									METHANOLIC EXTRACT OF BERGINIA
	Name		Туре			Gender			Email	Co	ntact	LIGULATA LEAVES AND RHIZOME AS
Saptarshi Mandal			Student		Male			saptarshiman om	dal@shooliniuniversity.c	9418653905		RHIZOME AS BIOAVAILABILITY ENHANCER OF FLUCONAZOLE
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		AND AMPHOTERICIN B TO CONTROL
Garima Bisht			Student		Female			garimabisht@	shooliniuniversity.com	9418653905		TO CONTROL CANDIDIASIS
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Applica tion No	2018 1103 2947 2018	Completed but No Further Action Taken	resea	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email		ntact	
Kamal Dev			Faculty		Male			kamaldev@sh	nooliniuniversity.com	9418653905		

Idea / Prototype / Ini	novation have r	eceived Gra	nt / funding from	Pre-Incub	oation /	Incubation Cer	tre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)	ation Innovation Year of Inn Developed by Project S		novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator			·									CHLOROFORM SUB-FRACTIONS OF METHANOLIC
	Name		Туре			Gender			Email	Co	ntact	EXTRACT OF RHIZOME OF
Shivani Shukla			Student		Female			shivanishukla	@shooliniuniversity.com	-		RHEUM EMODI AS POTENT ANTIBACTERIAL
Anjali Kashyap			Student		Female			anjalikashyap	@shooliniuniversity.com	ı -		DRUGS AGAINST E. COLI AND K.
Rajan Rolta				Male			rajanrolta@sh	ooliniuniversity.com	-		PNEUMONIA AND AS ANTIOXIDANT IN FOOD	
Akash Sharma				Male			akashsharma	@shooliniuniversity.com	-		PRESERVATION	
Vikas Kumar			Faculty		Male			vikas.phd@sh	nooliniuniversity.com	9459527906		
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resear labora	s: Applied rch. First ttory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  136000	No	No	
Principal Innovato	r											
	Name		Туре			Gender			Email	Со	ntact	
Anuradha Sourirajan			Faculty		Female			anuradha@sh	nooliniuniversity.com	9805645534		

dea / Prototype / In	novation have r	eceived Gran	nt / funding from I	Pre-Incub	ation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inr Project \$	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Co-Innovator	•	'	'	•		'	<u>'</u>		•			SYNERGISTIC SOIL-LESS
	Name		Туре			Gender			Email	Co	ntact	MEDIUM FOR ENHANCED YIELD OF CROPS AND
Kamal Dev		1	Faculty		Male			kamaldev@sl	nooliniuniversity.com	9418653905		METHOD OF PREPARATION THEREOF
Rajan Rolta		:	Student		Male			rajanrolta@sh	nooliniuniversity.com	-		INEREOF
Akash Sharma			Student		Male			akashsharma	@shooliniuniversity.con	n -		
Vikas Kumar		1	Faculty		Male			vikas.phd@sh	nooliniuniversity.com	9459527906		
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Technot Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	labora	B : Applied rch. First atory tests leted; proof of ppt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  81000	No	No	
Principal Innovato	r											
	Name		Type			Gender			Email	Co	ntact	
Nitika Thakur		1	Faculty		Female			nitikathakur@	shooliniuniversity.com	9816969349		
Co-Innovator												PHYTOCOMPOUN DS FROM
	Name		Туре			Gender			Email	Co	ntact	ESSENTIAL OIL OF MENTHA LONGIFOLIA AS
Sunil Thakur			Student		Male			sunilthakur@s	shooliniuniversity.com	-		SYNERGISTIC, BROAD SPECTRUM DRUG CANDIDATES FOR CANDIDIASIS

Idea / Prototype / In	novation have r	eceived Grant	/ funding from F	Pre-Incuba	ation / Incubation Ce	ntre / F	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innov Project Sta	vation / Type of Innovation	Incuba	nt Status Pre- vation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubati Centre/institute received any income/revenu- from Idea/Prototype/Ir vations for the pi incubation/incube n support and th services offered Pre- incubation/incube n or institute duri the financial peri 2018-19?
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	d for Patent  Patent Applica tion No		resear labora	t : Applied rch. First story tests leted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  121000	No	No	
Principal Innovato	or		•		•						
Prakriti Nidhi	Name		Туре		Gender			Email			
		St	udent	F	Female		prakritinidhi93		9882844537	ntact	
Co-Innovator		Si	udent	F			prakritinidhi93			ntact	Broad Spectrum Aqueous Extract
Co-Innovator	Name	Si		F			prakritinidhi93		9882844537	ntact	Aqueous Extract with Antibiotic activity from Citru
Co-Innovator  Rajan Rolta	Name		Type udent		Female			34@gmail.com	9882844537		Aqueous Extract with Antibiotic
	Name	Si	Туре		Female Gender		rajanrolta@sh	34@gmail.com	9882844537		Aqueous Extract with Antibiotic activity from Citru pseudolimon and

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of Inn Project S	ovation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Nitika Thakur		F	aculty		Female			nitikathakur@	shooliniuniversity.com	9816969349		
Co-Innovator												AN ECO FRIENDLY
	Name		Туре			Gender			Email	Co	ntact	NATURAL BIOFERTILIZER or BIOCONTROL
Apurva Bhardwaj		s	tudent		Female			-		-		AGENT
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	tion No		Completed and Ready for Commercialization/I ncubati	labora	: Applied rch. First tory tests eted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Adesh K. Saini		F	aculty		Male			adeshsaini@s	shooliniuniversity.com	8988205238		
Co-Innovator												A KIT FOR IDENTIFICATION
	Name		Туре			Gender			Email	Со	ntact	OF BEST HARVESTING TIME FOR THE
Diya Mittal		S	tudent		Female			-		-		EXTRACTION OF ESSENTIAL OIL OF MENTHA LONGIFOLIA

Faculty

Faculty

Vikas Kumar

Anuradha Sourirajan

dea / Prototype / In	inovation have i	received Grant	: / funding from F	re-incubatio	n / incubation Cer	itre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	n Innovation Developed by	Year of Innovatio Project Started	<sup>1 /</sup> Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No  Yes 2019  Yes 2019  Yes 2019  Yes 2019	_	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  131000	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ontact	
Amita Kumari		Fa	aculty	Fema	ale	amitakumari	@shooliniuniversity.com	9882844537		
Co-Innovator										AN ECO- FRIENDLY ACINETOBACTER
	Name		Туре		Gender		Email	Со	ntact	CALCOACETICUS BASED
Prakriti Nidhi		St	udent	Fema	ale	prakritinidhi9	34@gmail.com	9882844537		BIOFERTILIZER or BIOCONTROL COMPOSITION
Sonam Thakur		St	udent	Fema	ale	-		-		CONFOSITION

Male

Female

9459527906

9805645534

vikas.phd@shooliniuniversity.com

anuradha@shooliniuniversity.com

Faculty

Faculty

Faculty

Adesh K Saini

Rakesh Shukla

Yashwant Singh Negi

Idea / Prototype / In	novation have r	eceived Gra	nt / funding from F	Pre-Incubation	n / Incubation Cer	ntre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	ion Innovation Developed by	Year of Innovation Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent Patent Applica tion No  Year of Patent Applica tion  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	r									
	Name		Туре		Gender		Email	Со	ntact	
Reena V Saini			Faculty	Fema	le	reenasaini@s	shooliniuniversity.com	8894568244		
Co-Innovator				<u> </u>						AN ECO- FRIENDLY BACILLUS BASED
	Name		Туре		Gender		Email	Со	ntact	BIOFERTILIZER or BIOCONTROL
Divya Mittal			Student	Fema	le	-		-		COMPOSITION

adeshsaini@shooliniuniversity.com

ysnegi@shooliniuniversity.com

rakeshshukla@shooliniuniversity.com

8988205238

9816181515

9418227307

Male

Male

Male

Received Funding/ Grant from Centre (TRL Stays)    Project Started Funding of Funding of Faculty and research and Sustainable evelopment   Project Started	Idea / Prototype / In	novation have i	received Grant	/ funding from P	Pre-Incubation /	Incubation Cer	tre / Facilities				
esearch and Sustainable evelopment evelopmen	Innovation / Prototype Received Funding / Grant	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Incubation/Incubati	Innovation, Stage of TRL it has	provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial	Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during	Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period
Name Type Gender Email Contact  Reena V Saini Faculty Female reenasaini@sholiniuniversity.com 8894568244  Co-Innovator  Name Type Gender Email Contact  AN ECO-FRIENDLY BURKHOLDERIA BASED BIOFERTILIIZER or BIOFERTILII	Himalayan Centre of Research and Sustainable Development	research. First laboratory tests completed; proof of		2019	Applie d for Patent  Patent 2019 Applica 1101 tion No 0767  Year of Patent Applica Applica 2019 Patent Applica	Ready for Commercialization/I	research. First laboratory tests completed; proof of	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Reena V Saini Faculty Female reenasaini@sholiniuniversity.com 8894568244  Co-Innovator  Name Type Gender Email Contact  AN ECO-FRIENDLY BURKHOLDERIA BASED BIOFERTILIIZER or BIOFERTILIIZER or	Principal Innovato	or									
Co-Innovator  Name Type Gender Email Contact AN ECO-FRIENDLY BURKHOLDERIA BASE BASE BOSE BIOFERTILIZER or		Name		Туре		Gender		Email	Coi	ntact	
Co-Innovator  Name Type Gender Email Contact FRIENDLY BURKHOLDERIA BASED BIOFERTILIZER or BIOFERTILIZER or	Reena V Saini		Fac	culty	Female		reenasaini@s	holiniuniversity.com	8894568244		
Name Type Gender Email Contact BIOFERTILIZER or	Co-Innovator										FRIENDLY BURKHOLDERIA
		Name		Туре		Gender		Email	Cor	ntact	BIOFERTILIZER or

Туре	Gender	Email	Contact			
Student	Female	-	-			
Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238			
Student	Male	-	-			
Student	Male	-	-			
Faculty	Male	rakeshshukla@shooliniuniversity.com	9816181515			
Faculty	Male	ysnegi@shooliniuniversity.com	9418227307			
	Student Faculty Student Student Faculty	Student Female Faculty Male Student Male Student Male Faculty Male	Student Female - Faculty Male adeshsaini@shooliniuniversity.com Student Male - Student Male - Faculty Male rakeshshukla@shooliniuniversity.com			

BIOCONTROL COMPOSITION

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent Patent 2019 Applica tion No 768  Year of Patent Applica tion	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	

# **Principal Innovator**

Name	Туре	Gender	Email	Contact
Adesh K Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238

### Co-Innovator

Name	Type Gender		Email	Contact
Divya Mittal	Student	Female	-	-
Reena V Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244
Arun Kumar	Student	Male	-	-
Yamini Jain	Student	Female	-	•
Rakesh Shukla	Faculty	Male	rakeshshukla@shooliniuniversity.com	9816181515
Yashwant Singh Negi	Faculty	Male	ysnegi@shooliniuniversity.com	9418227307

AN ECO-FRIENDLY ENTEROBACTER BASED BIOFERTILIZER OF BIOCONTROL COMPOSITION

Idea / Prototype / In	novation have r	received Gran	nt / funding from F	Pre-Incubatio	n / Incubation Cer	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	on Innovation Developed by	Year of Innovatio Project Started	<sup>n /</sup> Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1827  Year of Patent Applica tion		TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or									
	Name		Туре		Gender		Email	Co	ntact	
Adesh K Saini			aculty	Male		adeshsaini@	shooliniuniversity.com	8988205238		

r i ii cipai ii ii ovatoi				
Name	Туре	Gender	Email	Contact
Adesh K Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238

Co-Innovator				
Name	Туре	Gender	Email	Contact
Divya Mittal	Student	Female	-	-
Reena V Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244
Arun Kumar	Student	Male	-	-
Hem Parkash Verma	Student	Male	-	-
Rakesh Shukla	Faculty	Male	rakeshshukla@shooliniuniversity.com	9816181515
Yashwant Singh Negi	Faculty	Male	ysnegi@shooliniuniversity.com	9418227307

AN ECO-FRIENDLY KLEBSIELLA BASED BIOFERTILIZER OF BIOCONTROL COMPOSITION

idea / Prototype / in	novation nave i	eceived Grant /	Turium P	Te-IIICubation /	ilicubation cer	ille / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 1828  Year of Patent Applica tion No 1920	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or									

Name	Туре	Gender	Email	Contact
Reena V Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244

#### **Co-Innovator**

Name	Туре	Gender	Email	Contact
Divya Mittal	Student	Female	-	-
Arun Kumar	Student	Male	-	-
Adesh K Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238
Rakesh Shukla	Faculty	Male	rakeshshukla@shooliniuniversity.com	9816181515
Yashwant Singh Negi	Faculty	Male	ysnegi@shooliniuniversity.com	9418227307

AN ECO-FRIENDLY PANTOEA BASED BIOFERTILIZER OF BIOCONTROL COMPOSITION

Faculty

Faculty

Faculty

Reena V Saini

Rakesh Shukla

Yashwant Singh Negi

ldea / Prototype / In	novation have r	eceived Gra	nt / funding from F	re-Incuba	ation /	<b>Incubation Cen</b>	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage)		Year of Inno Project St		Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	d for Patent Patent Applica tion No		Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or										
	Name		Туре			Gender		Email	Co	ntact	
Adesh K Saini			Faculty		Male		adeshsaini@	shooliniuniversity.com	8988205238		
Co-Innovator											AN ECO- FRIENDLY
	Name		Туре			Gender		Email	Co	ntact	PSEUDOMONAS BASED BIOFERTILIZER or
Divya Mittal			Student		Female		-		-		BIOCONTROL COMPOSITION
Arun Kumar			Student		Male		-		-		

Female

Male

Male

8894568244

9816181515

9418227307

reenasaini@shooliniuniversity.com

ysnegi@shooliniuniversity.com

rakeshshukla@shooliniuniversity.com

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre  Himalayan Centre of Research and Sustainable Development  TRL 3 : Applied research. First laboratory tests completed; proof of concept.									
Research and Sustainable Development research. First laboratory tests completed; proof of	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Principal Innovator	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent 2019 Applica 1101 1851  Year of Patent Applica tion  2019	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	

Name	Туре	Gender	Email	Contact
Reena V Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244

## **Co-Innovator**

Name	Туре	Gender	Email	Contact
Divya Mittal	Student	Female	-	-
Hem Parkash Verma	Student	Male	-	-
Adesh K Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238
Rakesh Shukla	Faculty	Male	rakeshshukla@shooliniuniversity.com	9816181515
Yashwant Singh Negi	Faculty	Male	ysnegi@shooliniuniversity.com	9418227307

AN ECO-FRIENDLY SERRATIA MARCESCENS BASED BIOFERTILIZER OF BIOCONTROL COMPOSITION

Faculty

Faculty

Faculty

Adesh K Saini

Rakesh Shukla

Yashwant Singh Negi

Idea / Prototype / In	novation have i	received Gra	nt / funding from F	re-Incuba	tion /	<b>Incubation Cen</b>	tre / Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	on Innovation Developed by	Year of Inno Project Sta		Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	Patent Patent Applica tion No		Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  111000	No	No	
Principal Innovato	or										
	Name		Туре			Gender		Email	Co	ntact	
Reena V Saini			Faculty		Female		reenasaini@	shooliniuniversity.com	8894568244		
Co-Innovator											AN ANTIBACTERIAL COMPOSITION
	Name		Туре			Gender		Email	Co	ntact	AND USES THEREOF
Divya Mittal			Student	1	Female		-		-		
Hem Parkash Verma			Student	1	Male		-		-		

8988205238

9816181515

9418227307

adeshsaini@shooliniuniversity.com

ysnegi@shooliniuniversity.com

rakeshshukla@shooliniuniversity.com

Male

Male

Male

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)		Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incub Centre/instit received ar income/rever from Idea/Prototype vations for the incubation/incu n support and services offere Pre- incubation/incu n or institute d the financial p 2018-19?
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 7410  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  96000	No	No	
Principal Innovato	or									
Amita Kumari	Name	F:	Type	Female	Gender	amitakumari	Email @shooliniuniversity.com	9418409295	ontact	
						·				A METHOD AN COMPOSITION ENHANCE
Co-Innovator										FNHANCE
Co-Innovator	Name		Туре		Gender		Email	Co	ontact	DROUGHT
Co-Innovator Ishita Guleria	Name	Si	Type	Female	Gender	ishitaguleria	Email  @shooliniuniversity.com	9805988485	ontact	DROUGHT TOLERANCE ( PLANT BY US ENTEROBACT
	Name			Female Male	Gender				ontact	DROUGHT TOLERANCE OF PLANT BY US

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Inr Project \$	novation / Started	Type of Innovation	Incub	int Status Pre- lation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubatin support and the services offered by Preincubation/incubatin or institute during the financial period 2018-19?
Principal Innovato	r											
	Name		Туре			Gender			Email	Со	ntact	
Adesh K. Saini		-	Faculty		Male			adeshsaini@s	shooliniuniversity.com	8988205238		
Co-Innovator												A PROCESS FOR PRODUCTION OF
	Name		Туре			Gender			Email	Со	ntact	BIOFUEL FROM LARVAE OF RICE MOTH CORCYRA
Menaka Thakur		:	Student		Female			menakathakui m	r@shooliniuniversity.co	8219083903		CEPHALONICA AND BIOFUEL THEREOF
Divya Mittal		;	Student		Female			divyamittal@s	hooliniuniversity.com	8988205238		
Prem Kumar Khosla			Faculty		Male			vc@shooliniur	niversity.com	9816064182		
Sunil Puri		1	Faculty		Male			sunilpuri@shc	poliniuniversity.com	9816011680		
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Pat Technot Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed but No Further Action Taken	resea	B: Applied rch. First story tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  96000	No	No	
Principal Innovato	r											
	Name		Туре			Gender			Email	Со	ntact	
Aniruddha Mitra			Faculty		Female			aniruddha.630	@shooliniuniversity.co	9038110601		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubat Centre/institut received any income/revenu from Idea/Prototype/ll vations for the pincubation/incub n support and t services offered pre-incubation/incub n or institute dut the financial per 2018-19?
Co-Innovator												Broadspectrum polyherbal Formulation for
	Name		Туре			Gender			Email	Col	ntact	treatment of neonatal Eye
Komal Sharma			Student		Female			komalsharma	@shooliniuniversity.con	9038110601		infections
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Pa Techn Applie d for Patent Patent Applica tion No Year of Patent Applica tion		Completed and Ready for Commercialization/I ncubati	labora	: Applied rch. First tory tests eted; proof of pt.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  96000	No	No	
Principal Innovato	r											
	Name		Туре			Gender			Email	Co	ntact	
Nitika Thakur			Faculty		Female			nitikathakur@	shooliniuniversity.com	9418069349		
Co-Innovator												Novel peptides diagnosis of cys echinococcosis
	Name		Туре			Gender			Email	Co	ntact	echinococcosis
Jyoti Kumar			Student		Female			-		-		
Monu Sharma			Student		Male			-		-		

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)		Year of Innovatior Project Started		Currer Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre- incubation/incubation services offered by Pre- incubation/incubation or institute during the financial period 2018-19?
Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology  Applie d for Patent  Patent Applica tion No 2015  Year of Patent Applica tion	Completed but No Further Action Taken	resear	: Applied ch. First tory tests eted; proof of ot.	No	No	No	
Principal Innovate	or										
	Name		Туре		Gender			Email	Со	ntact	
Umar Farooq			Faculty	Male			ufaaroq8@gn	nail.com	9877236732		
Co-Innovator											Herbal compositio
	Name		Туре		Gender			Email	Со	ntact	Stephaniaelegans for breast cancer treatment
Varun Chauhan			Student	Male			varunchauhar m	n@shooliniuniversity.co	9877236732		
									0077000700		
Varun Chauhan			Student	Male			m varunchauhai	n@shooliniuniversity.co	9877236732		

dea / Prototype / In	novation have r	eceived Grai	nt / funding from I	Pre-Incub	ation /	Incubation Cer	tre / I	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of Inr Project S	novation / Started	Type of Innovation	Incub	int Status Pre- iation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubat n support and the services offered b Pre-incubation/incubat n or institute durin the financial perio 2018-19?
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Reena Saini			Faculty		Female			reenasaini@s	hooliniuniversity.com	8894568244		
Co-Innovator												A SOLAR COOKING
	Name		Туре			Gender			Email	Co	ntact	SYSTEM BASED ON PREHEATED WATER TO
Ravin Sharma			Student		Male			ravinsharma@	shooliniuniversity.com	8894568244		REDUCE CO2 EMISSION
Gourav Chandan			Student		Male			gouravchanda m	n@shooliniuniversity.co	8894568244		
Anterpreet Chahal			Student		Female			anterpreet@s	hooliniuniversity.com	8894568244		
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Pat Techno Applie d for Patent  Patent Applica tion No  Year of Patent Applica tion		Completed but No Further Action Taken	labora	3 : Applied rch. First atory tests leted; proof of pt.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Rajesh Kumar			Faculty		Male			1	@shooliniuniversity.com	8219200439		

#### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute provided any Idea/Prototype/Inno received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Current Status Pre-**Current Status of** received from during the period of Name of Idea / POC / Innovation / Prototype Received Funding / Grant Stage of Innovation Innovation Year of Innovation / Incubation/Incubati Innovation, Stage agencies) in terms receiving pre-Name of Centre Type of Innovation incubation/incubatio Project Started (TRL Stage) Developed by on Support of TRL it has of Seed Grant/Fund incubation/incubatio n support and the from Centre Received reached Support to Idea / n support at your services offered by Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period 2018-19 during the financial period 2018-19 the financial period 2018-19? THE ESSENTIAL Co-Innovator OIL AND ITS CONSTITUENT **PHYTOCOMPOUN** Name Type Gender Email Contact DS OF CITRUS AURANTIUM AS Male 9882643368 Ankit Gupta Faculty ankitgupta@shooliniuniversity.com NON-TOXIC, BROAD SPECTRUM, AND Male Raja Sekhar Innovator/Entrepreneur External to rajasekhar@shooliniuniversity.com SYNERGISTIC DRUG CANDIDATE FOR SS Chandel Male shyamchandel@shooliniuniversity.co 7018893863 Faculty CANDIDIASIS Center for Omics and TRL 3 : Applied research. First Faculty and 2018 Completed and Ready for TRL 4: Small scale No No IP / Patented Yes **Biodiversity Research** Student prototype built in a **Technology** laboratory tests Commercialization/I laboratory environment ("ugly" completed: proof of ncubati **Total Seed** concept. Applie d for Yes prototype). Grant/Fund Amount Disbursed to Patent above Idea/Prototype/I 2018 Patent nnovations Applica tion No 1103 Development by Centre (In 4501 Rupees) Year of 2018 Patent 136000 Applica tion

Principal Innovator												
Name	Туре	Gender	Email	Contact								
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905								

Co-innovator				
Name	Туре	Gender	Email	Contact
Prakriti Nidhi	Student	Female	prakritinidhi@shooliniuniversity.com	9882844537
Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.com	-
Vikas Kumar	Faculty	Male	vikas.phd@shooliniuniversity.com	9459527906
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534

IMPINGEMENT JETS SOLAR AIR HEATING SYSTEM AND METHODS THEREOF

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation Project Started	<sup>/</sup> Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology  Applie d for Patent Patent Applica tion No 5171  Year of Patent Applica tion	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	r									
	Name		Туре		Gender		Email	Contact		
Anil Kumar		Fac	Faculty		Male		anilkumar@shooliniuniversity.com		8894175292	

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre- Incubation/Incuba tion Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start- up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incuba tion support and the services offered by Pre-incubation/incuba tion or institute during the financial period 2018-19?
AADDOO Softech Private Limited	Steve Jobs Incubation Cell	2017-18	Private Limited	U74999HP2017P TC006728	Faculty	Service Based Business Solution	Graduated from Incubation Unit/Centre	No	Yes	No	No

Start-ups have red	ceived Grant /	funding from	Pre-Incubation	on / Incubation (	Centre / Fac	ilities						
Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Found by	led Type of Innovation	Current Status Pre- Incubation/Incuba tion Support Received	Has the Start- Grown to a start of Employme Generation to Numbers or a annual Turnov to Rs. 50 Lakl during the financial year 2018-19	age Financial support (either own 10 resource or fund an received from ver agencies) in terms of Seed Grant/Fund	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incuba tion support and the services offered by Pre-incubation/incuba tion or institute during the financial period 2018-19?	
									Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centr e (In Rupees)			
	Founder											
		Name		DIN Number		Туре	Gende	er	Email	C	Contact	
	Prof. Atul Khosla			2674215 Facul		у	Male		atulkhosla@shooliniuniver om	sity.c 09654545645	5	
	Co-Founder	•										
		Name		DIN Number		Туре	Gender		Email	C	Contact	
	Prof. Vishal Anan	d		2822659	Facult	у	Male		vishalanand@shooliniuniv .com	ersity 9816077525	9816077525	
Shoolini Lifesciences Private Limited	Steve Jobs Incubation Cell	2013-14	Private Limited	U24230HP2013P TC000338	Faculty	Service Based Business Solution	Graduated from Incubation Unit/Centre	No	Yes  Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centr e (In Rupees)  11000000	No	No	
	Founder											
		Name		DIN Number		Туре	Gende	er	Email	C	Contact	
	Prof. Atul Khosla		2674215	Facult	у	Male			atulkhosla@shooliniuniversity.c 9654545645 om			

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre- Incubation/Incuba tion Support Received	Has the Sta Grown to a of Employ Generation Numbers of annual Turn to Rs. 50 L during the financial y 2018-1	centre/institute provided any stage Financial support (either own to 10 resource or fund or ran received from agencies) in terms of Seed Grant/Fund ir ear Support to Start-up during the	lad the Start-up aised any Seed fund/Angel Investment/VC upon the period of receiving precubation/incubation support at your Precubation/incubation or institute during the inancial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
	Co-Founder											
	Name			DIN Number		Туре	Gende	·r	Email	C	Contact	
	Prof. Vishal Anano	d		2822659	Faculty		Male		vishalanand@shooliniuniversi .com	y 9816077525		

**Co-Incubation Partnership** 

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	IP Nation	Mentoring	68	26-07-2017
Incubation Services/Support Extended to Other Institute	Yogoda Satsanga Mahavidyalya	Mentoring	1	13-02-2017
Incubation Services/Support Received from Other Institute/Incubator	Vibrant Networking Forum	Mentoring,Networking	3	17-05-2017
Incubation Services/Support Received from Other Institute/Incubator	Sr4ipr Partners	Mentoring	25	26-02-2019
Incubation Services/Support Extended to Other Institute	TechThirst	Mentoring	2	03-05-2018
Incubation Services/Support Received from Other Institute/Incubator	Pen Pundit	Mentoring	2	10-08-2017
Incubation Services/Support Extended to Other Institute	Cosmo Ferrites Limited	Mentoring	1	03-07-2015
Incubation Services/Support Received from Other Institute/Incubator	Damcosoft Private Limited	Mentoring	1	12-11-2014
Incubation Services/Support Received from Other Institute/Incubator	Cambridge Energy Resources Private Limited	Mentoring	1	21-07-2017
Incubation Services/Support Received from Other Institute/Incubator	Benori KPO	Mentoring	1	12-04-2018
Incubation Services/Support Extended to Other Institute	Vibrant Networking Forum	Mentoring, Networking	1	17-05-2017
Incubation Services/Support Extended to Other Institute	Benori KPO	Incubation, Mentoring	0	12-04-2018

**Technology Commercialization / Transfer** 

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
Ecofriendly process for faster production of therapeutic fruit vinegar from wild apricots	IP/Patented Technology	One-time transfer/Licens ing	201711037589	Patent/Licence Holder name (Institute Co- ownership is Must)  Contact number of license holder  Email of Licence holder  Gender  Shoolini University  8894568244  reenasaini@ shooliniunive rsity.com  Institute	Fruit and Vegetable Technology Lab	Licence Transferred to  Name of Industry/Start- up/Agency Received License/Techno logy  Address of Agency  Contact Number of Agency  Email of Agency	Industry  AADDOO SOFTTECH PRIVATE LIMITED  129 Magnet Coworks Industrial Area Phase 1 Chandigarh 160002  9816006440  sachin@aad doo.net	Yes	700000
Biodegradabale dustbin	IP/Patented Technology	One-time transfer/Licens ing	311278	Patent/Licence Holder name (Institute Co- ownership is Must)  Contact number of license holder  Email of Licence holder  Gender  Shoolini University  S894568244  reenasaini@ shooliniunive rsity.com  Institute	Tinkering Lab	Licence Transferred to  Name of Industry/Start- up/Agency Received License/Techno logy  Address of Agency  Contact Number of Agency  Email of Agency	Industry  AADDOO SOFTTECH PRIVATE LIMITED  129 Magnet Coworks Industrial Area Phase 1 Chandigarh 160002  9816006440  sachin@aad doo.net	Yes	400000

**Technology Commercialization / Transfer** 

Technology Comme			20101100150		1			1		
AN OINTMENT FOR WOUND HEALING CONSISTS OF HEXANE EXTRACT OF MORINGA	IP/Patented Technology	One-time transfer/Licens ing	201811036459	Patent/Licence Holder name (Institute Co-	Shoolini University	Molecular Plant Microbe Interaction Centre	Licence Transferred to	Industry	Yes	500000
OLEIFERA SEEDS				ownership is Must)			Name of Industry/Start-	SHOOLINI LIFESCIENC		
				Contact number of license holder	8894568244		Industry/Start- up/Agency Received License/Techno logy	SHOOLINI LIFESCIENC ES PRIVATE LIMITED		
				Email of Licence holder	reenasaini@ shooliniunive rsity.com		Address of	ANAND CAMPUS NEAR POST OFFICE		
					Institute		Agency	SOLAN HIMACHAL PRADESH PIN 173212		
				Gender			Contact Number of Agency	9816077525		
							Email of Agency	vishalanand @shooliniuni versity.com		
BIODEGRADABLE BROAD SPECTRUM ANTIMICROBIAL FOOD PACKAGING FILM AND	IP/Patented Technology	One-time transfer/Licens ing	201811037033	Patent/Licence Holder name (Institute Co-	Shoolini University	Centre of Food Processing	Licence Transferred to	Industry	Yes	300000
METHOD THEREOF				ownership is Must)			Name of Industry/Start-	SHOOLINI LIFESCIENC ES PRIVATE		
				Contact number of license holder	8894568244		up/Agency Received License/Techno logy	ES PRIVATE LIMITED		
				Email of Licence holder	reenasaini@ shooliniunive			ANAND CAMPUS NEAR POST OFFICE		
					rsity.com Institute		Address of Agency	OFFICE SOLAN HIMACHAL PRADESH PIN 173212		
							0			
				Gender			Contact Number of Agency	9816077525		
							Email of Agency	vishalanand @shooliniuni versity.com		

**Technology Commercialization / Transfer** 

Improved topical composition of adapalene for acne treatment and method thereof	IP/Patented Technology	One-time transfer/Licens ing	201811041353	Patent/Licence Holder name (Institute Co-	Shoolini University	Pharmaceutical Product Development Lab	Licence Transferred to	Industry	Yes	400000
				ownership is Must)  Contact number of license holder	8894568244		Name of Industry/Start- up/Agency Received License/Techno logy	SHOOLINI LIFESCIENC ES PRIVATE LIMITED		
				Email of Licence holder	reenasaini@ shooliniunive rsity.com		Address of Agency	ANAND CAMPUS NEAR POST OFFICE SOLAN HIMACHAL PRADESH PIN 173212		
				Gender			Contact Number of Agency	9816077525		
							Email of Agency	vishalanand @shooliniuni versity.com		

## **Declaration**

To, The ARIIA Committee MHRD's Innovation Cell New Delhi

# Joint Declaration by the Head of the Institute and Nodal Officer

#### Dear Sir,

Herewith, myself Dr. Prem Kumar Khosla (Head of Institute) and Mrs. Varsha Patil (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

Penunbule 31.10.2019

Dr. Prem Kumar Khosla
Head of the Institution,
Shoolini University of Biotechnology and Management Sciences,
Solan, Himachal Pradesh

Nodal officer

Vashella: 31/10/2019

Mrs. Varsha Patil
Nodal Officer,
Shoolini University of Biotechnology and Management Sciences,
Solan, Himachal Pradesh

Responsibility for accuracy and authenticity of data lies with the concerned institution.