



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

### 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**

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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/ received fund to organise the program/activity/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	Entrepreneurship/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 Entrepreneurship	Entrepreneurship/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

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Skills Progression through Rapid Intensive and Innovative Training workshop for UG Students on Creativity and Innovation	Entrepreneurship/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 Undergraduate 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	Entrepreneurship/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 Undergraduate Students on Leadership Skills	Entrepreneurship/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 Transformation	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 Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Skills Progression through Rapid Intensive and Innovative Training Workshop for MBA Students on Sales as a Career	Entrepreneurship/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	Entrepreneurship/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, Development 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 Development, 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	Entrepreneurship/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 Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

INSPIRE Science Camp XXXII	Entrepreneurship/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	Entrepreneurship/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 Contemporary Food Processing and Preservation Technologies	Innovation	Conference	Institute Lead Activity	Faculty of Applied Sciences and Biotechnology	12-04-2018 00:00:00	13-04-2018 00:00:00	2	Within Campus	100	30	165	15	310	Yes	83000
Sustainable Mountain Development Summit VII	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	Faculty of Applied Sciences and Biotechnology	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 manufacturing processes	Entrepreneurship/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 manufacturing 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 manufacturing 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

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

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 costruct 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 Enhancement	Innovation	Skill Development	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 Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Workshop on modern manufacturing for the industry for B.Tech students	Innovation	Skill Development	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 manufacturing for the industry in B.Tech students	Innovation	Skill Development	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 manufacturing for the industry for B.Tech students	Innovation	Skill Development	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	Entrepreneurship/Startup, Innovation	Conference	Institute Lead Activity	Faculty of Pharmaceutical 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 Pharmaceutical 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 Pharmaceutical 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	Entrepreneurship/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 undergraduate students	Entrepreneurship/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 Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneurship/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 undergraduate students	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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 Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneurship/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	Entrepreneurship/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 undergraduate management students	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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



**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

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	Entrepreneurship/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	Entrepreneurship/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 undergraduate management students	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Skills Progression through Rapid Intensive and Innovative Training workshop for B.Tech students	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Asia Pacific Economic Cooperation - Disaster Risk Reduction 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 Development 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 Development in Himalayan Region	International Capacity Development Program	No	---

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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 Consequences 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	---	---	Yes	12000
Sand to PV Systems - Materials, Devices, Measurements 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 gourd extract - an environmentally pest control agent for repelling fruit flies	Yes	2000
Investigating the origin of bitter taste - Oral presentation at Understanding 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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

59th Annual Conference of Association of Microbiologists 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 Computational 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 Communication	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	Entrepreneurship/Startup	Workshop	National Institute of Pharmaceutical 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 Entrepreneurs	Entrepreneurship/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
Pharmacology for future towards translational approach for next generation pharmacologist	Entrepreneurship/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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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
Commercialization of medicinal plant products - Lab techniques to trade	Entrepreneurship/Startup	Workshop	School of Pharmaceutical 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 Ethnomedicine 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 Pharmaceutical 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 Opportunities for Research, Innovation and Career Development	Entrepreneurship/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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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	---	---	Yes	6200
18th World Congress of Basic and Clinical Pharmacology (WCP 2018)	Innovation	Training	IUBHAR and Japanese Pharmacological 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), Uttarakhand	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	Entrepreneurship/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	Entrepreneurship/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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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 pharmacology 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 developments in drug discovery from natural products and traditional medicines	Entrepreneurship/Startup	Conference	National Institute of Pharmaceutical 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	Postgraduate 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 Development	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	Entrepreneurship/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

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Next Generation Pteridology - The Indian Perspective	Innovation	Conference	The Indian Fern Society In collaboration with Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, 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 Characterization 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	Phytocompounds of Traditional Himalayan Medicinal Plants as Bio-enhancers of Antibiotics	Yes	11000
Entrepreneurship Conclave	Entrepreneurship/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	Entrepreneurship/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	Entrepreneurship/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	EdTechReview	Corporate / Industry Association	21-06-2018 00:00:00	21-06-2018 00:00:00	1	0	1	1	No	---	---	Yes	8000
Confederation of Indian Industry Education Summit	Innovation	Exposure Visit	Confederation 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 Technomedia	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 Technomedia	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 Technomedia	Non-Govt. Agencies	07-12-2018 00:00:00	08-12-2018 00:00:00	2	0	1	1	No	---	---	Yes	6500



**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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 Development	Innovation	Training	Institute of Agricultural Research and Training 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 Development	Participation in International Course on Agricultural Policy and Rural Development	Yes	10000
Fabulous Confabulations	Entrepreneurship/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
Artificial 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 Biosafety 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

### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

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	1097.61 Sq. Ft.	Yes	No
				Facility Incharge Email	neeraj.gupta@shooliniuniversity.com		Annual Capital Expenditure (In Rupees)	
				Facility Incharge Phone	7018414563		Annual Operational Expenditure (In Rupees)	
Centre of Food Processing	Pre-Incubation Centre	2015	E 002	Facility Incharge Name	Dr. Dinesh Kumar	1232.82 Sq. Ft.	Yes	No
				Facility Incharge Email	dineshkumar@shooliniuniversity.com		Annual Capital Expenditure (In Rupees)	
				Facility Incharge Phone	9816321855		Annual Operational Expenditure (In Rupees)	

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Laboratory of Gene regulation	Pre-Incubation Centre	2011	A 403	<div>Facility Incharge Name</div> <div>Prof. Adesh K Saini</div> <div>Facility Incharge Email</div> <div>adeshsaini@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8988205238</div>	786.64 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>58000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1292200.66</div> </div>	No
Mycology Centre	Pre-Incubation Centre	2015	A 306	<div>Facility Incharge Name</div> <div>Dr. Astha Tripathi</div> <div>Facility Incharge Email</div> <div>asthatripathi@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9817755402</div>	330 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>113000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>356906.66</div> </div>	No
Photocatalysis Centre	Pre-Incubation Centre	2016	A 103	<div>Facility Incharge Name</div> <div>Dr. Pankaj Raizada</div> <div>Facility Incharge Email</div> <div>pankajraizada@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9418235023</div>	878.72 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>572100</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1866906.66</div> </div>	No
Central Instrumentation Facility	Pre-Incubation Centre	2015	D 104	<div>Facility Incharge Name</div> <div>Dr. Navneet Upadhyay</div> <div>Facility Incharge Email</div> <div>nkupadhyay@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9805581371</div>	583 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>73500</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>421906.66</div> </div>	No

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Molecular Plant Microbe Interaction Centre	Pre-Incubation Centre	2012	B 301	<div>Facility Incharge Name</div> <div>Dr. Saurabh Kulshrestha</div> <div>Facility Incharge Email</div> <div>sourabhkulshrestha@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9625033405</div>	713.30 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>373200</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1759522.66</div> </div>	No
Hydraulics Machine and Solar Energy Centre	Pre-Incubation Centre	2013	H 101	<div>Facility Incharge Name</div> <div>Dr. Raj Kumar and Prof. Bhaskar Goel</div> <div>Facility Incharge Email</div> <div>bhaskargoel@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9416264981</div>	1010.60 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>694000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>2243906.66</div> </div>	No
Machine and Welding Workshop	Pre-Incubation Centre	2010	E 001	<div>Facility Incharge Name</div> <div>Dr. Abhilash Pathania</div> <div>Facility Incharge Email</div> <div>abhilashpathania@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8091330001</div>	1526.65 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>618100</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1766906.66</div> </div>	No
Enzyme Technology Lab	Pre-Incubation Centre	2014	B 305	<div>Facility Incharge Name</div> <div>Dr. Amit Seth</div> <div>Facility Incharge Email</div> <div>amitseth@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9459037197</div>	829.82 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>98000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>256906.66</div> </div>	No

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Fruit and Vegetable Technology Lab	Pre-Incubation Centre	2013	E 304	<div>Facility Incharge Name</div> <div>Dr. Somesh</div> <div>Facility Incharge Email</div> <div>someshs harma@s hooliniuni versity.co m</div> <div>Facility Incharge Phone</div> <div>70181715 25</div>	868.48 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>148000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>718906.66</div>	No
Botany Lab	Pre-Incubation Centre	2011	A 203	<div>Facility Incharge Name</div> <div>Dr. Rachna Verma</div> <div>Facility Incharge Email</div> <div>rachnaverma@sho oliniunive rsity.com</div> <div>Facility Incharge Phone</div> <div>98162915 43</div>	713.12 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>10500</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>176906.66</div>	No
Bio-engineering Lab	Pre-Incubation Centre	2012	E 401	<div>Facility Incharge Name</div> <div>Dr. Rupak Nagraik</div> <div>Facility Incharge Email</div> <div>rupaknag raik@sho oliniunive rsity.com</div> <div>Facility Incharge Phone</div> <div>70188582 52</div>	864 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>214500</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>471906.66</div>	No
Bio-engineering lab	Pre-Incubation Centre	2012	E 306	<div>Facility Incharge Name</div> <div>Dr. Pankaj Chauhan</div> <div>Facility Incharge Email</div> <div>pankajch auhan@s hooliniuni versity.co m</div> <div>Facility Incharge Phone</div> <div>97369570 22</div>	868.48 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>194000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>526906.66</div>	No

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Biosensor Technology Lab	Pre-Incubation Centre	2015	B 303	<div>Facility Incharge Name</div> <div>Dr. Ankur Kaushal</div> <div>Facility Incharge Email</div> <div>ankurkushal@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9882546292</div>	793.12 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>406000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1859906.66</div> </div>	No
Plant tissue culture lab	Pre-Incubation Centre	2012	B 202	<div>Facility Incharge Name</div> <div>Dr. Chandrika Attri</div> <div>Facility Incharge Email</div> <div>chandrika.seth@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9817251637</div>	218.61 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>101000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>256906.66</div> </div>	No
Yeast Biology lab	Pre-Incubation Centre	2012	B 206	<div>Facility Incharge Name</div> <div>Dr. Anuradha Sourirajan and Dr. Kamal Dev</div> <div>Facility Incharge Email</div> <div>anuradha@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9805645534</div>	500.06 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>222000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>931906.66</div> </div>	No
Plant Physiology Laboratory	Pre-Incubation Centre	2010	A 104	<div>Facility Incharge Name</div> <div>Dr. Rachna Verma</div> <div>Facility Incharge Email</div> <div>rachnaverma@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9816291543</div>	456.5 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>89000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>2490906.66</div> </div>	No

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

High Energy Lab	Pre-Incubation Centre	2011	F 303	<div>Facility Incharge Name</div> <div>Dr. Rajesh Sharma</div> <div>Facility Incharge Email</div> <div>rajeshsharma@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8219200439</div>	427.24 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>103600</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1918144.66</div> </div>	No
Environmental and Analytical Chemistry Lab	Pre-Incubation Centre	2014	F 107	<div>Facility Incharge Name</div> <div>Dr. Neeraj Gupta</div> <div>Facility Incharge Email</div> <div>neeraj.gupta@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>7018414563</div>	431.14 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>183100</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>831906.66</div> </div>	No
Animal Tissue Culture	Pre-Incubation Centre	2012	B 203	<div>Facility Incharge Name</div> <div>Dr. Reena Saini</div> <div>Facility Incharge Email</div> <div>reenasaini@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8894568244</div>	1245.17 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>220000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1101906.66</div> </div>	No
FIST Sponsored Proteomics Lab	Pre-Incubation Centre	2017	B 306	<div>Facility Incharge Name</div> <div>Dr. Kamal Dev</div> <div>Facility Incharge Email</div> <div>kamaldev@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9418653905</div>	370.19 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>77000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>443906.66</div> </div>	No

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

IPR Cell	Pre-Incubation Centre	2016	B Block	<div>Facility Incharge Name</div> <div>Dr. Reena Saini</div> <div>Facility Incharge Email</div> <div>reenasaini@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8894568244</div>	72.96 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>5000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>141906.66</div> </div>	No
Center of Excellence in Automobile Engineering	Pre-Incubation Centre	2016	F 405	<div>Facility Incharge Name</div> <div>Dr. Abhilash Pathania</div> <div>Facility Incharge Email</div> <div>abhilashpathania@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8091330001</div>	876.03 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>202000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>696906.66</div> </div>	No
Pharmaceutical Product Development Lab	Pre-Incubation Centre	2016	D 207	<div>Facility Incharge Name</div> <div>Dr. Deepak N. Kapoor</div> <div>Facility Incharge Email</div> <div>deepakna ndkishore .558@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9646142349</div>	848.58 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>387500</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>2001906.66</div> </div>	No
Food Testing Laboratory	Pre-Incubation Centre	2017	E 404	<div>Facility Incharge Name</div> <div>Dr. Dinesh Kumar</div> <div>Facility Incharge Email</div> <div>dineshkumar@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9816321855</div>	1311.66 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>400000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>221906.66</div> </div>	No



**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Tinkering Lab	Pre-Incubation Centre	2017	F 402	<div>Facility Incharge Name</div> <div>Dr. Abhilash Pathania</div> <div>Facility Incharge Email</div> <div>abhilashp.athania@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8091330001</div>	1051.97 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>273000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>786906.66</div> </div>	No
Regional Center of Excellence of VLCI (Visionary Learning Community of India)	Pre-Incubation Centre	2017	G 701	<div>Facility Incharge Name</div> <div>Dr. Abhilash Pathania</div> <div>Facility Incharge Email</div> <div>abhilashp.athania@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8091330001</div>	735.42 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>10000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>139906.66</div> </div>	No
Centre of Nanotechnology	Pre-Incubation Centre	2015	F 303	<div>Facility Incharge Name</div> <div>Dr. Pankaj Thakur</div> <div>Facility Incharge Email</div> <div>pankajthakur@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>7018503274</div>	488.06 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>804700</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>2550960.66</div> </div>	No
Molecular Immuno Parasitology Lab	Pre-Incubation Centre	2012	B 201	<div>Facility Incharge Name</div> <div>Dr. Azhar Khan</div> <div>Facility Incharge Email</div> <div>azharkhan@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9459269791</div>	715.15 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>108000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>471906.66</div> </div>	No

### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Cyberoam Lab	Pre-Incubation Centre	2015	E 203	<div>Facility Incharge Name</div> <div>Mr. Pankaj Vaidya</div> <div>Facility Incharge Email</div> <div>pankaj.vaidya@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>7018504231</div>	852.66 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>56000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>196906.66</div>	No
Himalayan Centre of Research and Sustainable Development	Pre-Incubation Centre	2015	A 403	<div>Facility Incharge Name</div> <div>Prof. Adesh K Saini</div> <div>Facility Incharge Email</div> <div>adeshsaini@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8988205238</div>	1560 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>560000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1494906.66</div>	No
Center for Omics and Biodiversity Research	Pre-Incubation Centre	2016	B 206	<div>Facility Incharge Name</div> <div>Dr. Kamal Dev</div> <div>Facility Incharge Email</div> <div>kamaldev@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>8894604799</div>	1730 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>281000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>3080906.66</div>	No
Steve Jobs Incubation Cell	Incubation Unit	2017	G 701	<div>Facility Incharge Name</div> <div>Dr. Kamal Kant Vashisth</div> <div>Facility Incharge Email</div> <div>kamalkant@shooliniuniversity.com</div> <div>Facility Incharge Phone</div> <div>9318516946</div>	1000 Sq. Ft.	<div>Yes</div> <div>Annual Capital Expenditure (In Rupees)</div> <div>15000</div> <div>Annual Operational Expenditure (In Rupees)</div> <div>1141906.66</div>	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/Incubation 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/Innovations 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?
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	<div>IP / Patented Technology</div> <div> <div>Applied for Patent</div> <div>Yes</div> </div> <div> <div>Patent Application No</div> <div>1228/DEL/2015</div> </div>	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No

**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/Incubation 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/Innovations 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?															
					<div>Year of Patent Application</div> <div>2015</div>																				
<b>Principal Innovator</b>																									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Umar Farooq</td> <td>Faculty</td> <td>Male</td> <td>ufarooq8@gmail.com</td> <td>9877236732</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Umar Farooq	Faculty	Male	ufarooq8@gmail.com	9877236732					
Name	Type	Gender	Email	Contact																					
Umar Farooq	Faculty	Male	ufarooq8@gmail.com	9877236732																					
<b>Co-Innovator</b>																									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Nazam Khan</td> <td>Student</td> <td>Male</td> <td>nazamkhan@shooliniuniversity.com</td> <td>9877236732</td> </tr> <tr> <td>Shakti Pal Singh Chauhan</td> <td>Student</td> <td>Female</td> <td>shaktipal@shooliniuniversity.com</td> <td>9877236732</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Nazam Khan	Student	Male	nazamkhan@shooliniuniversity.com	9877236732	Shakti Pal Singh Chauhan	Student	Female	shaktipal@shooliniuniversity.com	9877236732
Name	Type	Gender	Email	Contact																					
Nazam Khan	Student	Male	nazamkhan@shooliniuniversity.com	9877236732																					
Shakti Pal Singh Chauhan	Student	Female	shaktipal@shooliniuniversity.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	<div>IP / Patented Technology</div> <div> <div>Applied for Patent</div> <div>Yes</div> </div> <div> <div>Patent Application No</div> <div>1229/DEL/2015 PCT/IN2016/000115</div> </div> <div> <div>Year of Patent Application</div> <div>2015</div> </div>	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No															
<b>Principal Innovator</b>																									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Umar Farooq</td> <td>Faculty</td> <td>Male</td> <td>ufarooq8@gmail.com</td> <td>9877236732</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Umar Farooq	Faculty	Male	ufarooq8@gmail.com	9877236732					
Name	Type	Gender	Email	Contact																					
Umar Farooq	Faculty	Male	ufarooq8@gmail.com	9877236732																					

**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/Incubation 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/Innovations 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										
	Name			Type		Gender		Email		Contact	
	Tanuja Rana			Student		Female		tanujarana@shooliniuniversity.com		9877236732	
Novel peptide sequences for developing anti-malaria vaccines 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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	1465/DEL/2015					
					Year of Patent Application	2015					
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Umar Farooq			Faculty		Male		ufaaroq8@gmail.com		9877236732	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Nazam Khan			Student		Female		nazamkhan@shooliniuniversity.com		9877236732	

**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/Incubation 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/Innovations 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?	
Nanocomposite for removal of dye based water pollutants	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2015	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	1537/DEL/2015						
					Year of Patent Application	2015						
	Principal Innovator											
	Name				Type		Gender		Email		Contact	
	Deepak Pathania				Faculty		Male		deepakpathania@shooliniuniversity.com		9805440648	
	Co-Innovator											
	Name				Type		Gender		Email		Contact	
	Rishu Katwal				Faculty		Male		rishukatwal@shooliniuniversity.com		9805440648	
Novel nanographene based composite for water treatment application and method of synthesis thereof.	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	1819/DEL/2015						
					Year of Patent Application	2015						

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/Incubation 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/Innovations 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?		
	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Pradeep Singh			Faculty		Male		pradeepsingh@shooliniuniversity.com		7018303146		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Pankaj Raizada			Faculty		Female		pankajraizada@shooliniuniversity.com		9418235023		
	Pooja Shandilya			Faculty		Female		poojashandilya@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	1846/DEL/2015					
					Year of Patent Application	2015		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)				
68000												
<b>Principal Innovator</b>												
Name			Type		Gender		Email		Contact			
Amit Seth			Faculty		Male		amitseth@shooliniuniversity.com		9459037197			

**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/Incubation 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/Innovations 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?	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Shweta Chauhan			Student		Female		shwetachauhan@shooliniuniversity.com		9459037197	
	Chandrika Attri Seth			Faculty		Female		chandrikaseth@shooliniuniversity.com		9817251637	
	Varun Jaiswal			Faculty		Male		varunjaiswal@shooliniuniversity.com		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 / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	1875/DEL/2015					
					Year of Patent Application	2015					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Deepak Pathania			Faculty		Male		dpatthania74@gmail.com		7006437452	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Divya Gupta			Student		Female		divyagupta@shooliniuniversity.com		7006437452	



**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/Incubation 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/Innovations 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?	
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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	1897/DEL/2015						
					Year of Patent Application	2015						
	Principal Innovator											
	Name				Type		Gender	Email		Contact		
	Deepak Pathania				Faculty		Male	dpathania74@gmail.com		7006437452		
	Co-Innovator											
	Name				Type		Gender	Email		Contact		
	Rishu Katwal				Student		Male	rishukatwal@shooliniuniversity.com		7006437452		
	Gaurav Sharma				Faculty		Male	gaurav.541@shooliniuniversity.com		9418807170		
	Novel herbal anticancer compound and method of production	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2015	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	1913/DEL/2015					
						Year of Patent Application	2015					

**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/Incubation 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/Innovations 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?
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Afroze Alam			Faculty		Male		afrozepharma@gmail.com		7018196843
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	K.L. Dhar			Faculty		Male		kldhar@shooliniuniversity.com		7018196843
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
Novel benzothiazole derivatives with enhanced biological activity.	Centre of Organic Chemistry			Faculty and Student		2015		Completed and Ready for Commercialization/Incubation		TRL 3 : Applied research. First laboratory tests completed; proof of concept.
										No
										No
										No
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Kalpana Chauhan			Faculty		Female		kalpanachauhan@shooliniuniversity.com		7018812424
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Bhawana Kumari			Student		Female		bhawanakumari@shooliniuniversity.com		7018812424
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
										No
										No
										No
										No

**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/Incubation 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/Innovations 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?	
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	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No	
					Applied for Patent						Yes
					Patent Application No						3884/DEL/2015
					Year of Patent Application						2015
					Principal Innovator						
	Name		Type	Gender	Email	Contact					
	Somesh Sharma		Faculty	Male	someshsharma@shooliniuniversity.com	9418023062					
	Co-Innovator										
	Name		Type	Gender	Email	Contact					
	Kiran Mahant		Student	Female	kiranmahant@shooliniuniversity.com	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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes					
					Patent Application No	3886/DEL/2015					
					Year of Patent Application	2015					

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	<b>Principal Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Kamal Dev			Faculty		Male		kamaldev@shooliniuniversity.com		9418653905									
	<b>Co-Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Anuradha Sourirajan			Faculty		Female		anuradha@shooliniuniversity.com		9805645534									
	Ranjana Suman			Student		Female		ranjanasuman@shooliniuniversity.com		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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>3887/DEL/2015</td></tr><tr><td>Year of Patent Application</td><td>2015</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	3887/DEL/2015	Year of Patent Application	2015	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	IP / Patented Technology																		
	Applied for Patent	Yes																	
Patent Application No	3887/DEL/2015																		
Year of Patent Application	2015																		
<b>Principal Innovator</b>																			
Name			Type		Gender		Email		Contact										
Umar Farooq			Faculty		Male		ufaaroq8@gmail.com		9877236732										
<b>Co-Innovator</b>																			
Name			Type		Gender		Email		Contact										
Shakti Pal Chauhan			Student		Male		shaktipal@shooliniuniversity.com		9877236732										
Nazam Khan			Student		Female		nazamkhan@shooliniuniversity.com		9877236732										

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Novel peptide sequences from the parasite Echinococcusgranulosus for producing anti- cystic echinococcosis vaccine	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	4116/DEL/2015						
					Year of Patent Application	2015						
					Principal Innovator							
	Name				Type		Gender	Email		Contact		
	Umar Farooq				Faculty		Male	ufaaroq8@gmail.com		9877236732		
	Co-Innovator											
	Name				Type		Gender	Email		Contact		
	Varun Chauhan				Student		Male	varunchauhan@shooliniuniversity.com		9877236732		
	Azhar Khan				Faculty		Male	azharkhan@shooliniuniversity.com		9459269791		
	Novel chitosan based nanocomposite with antibacterial activity for water treatment and production method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	4255/DEL/2015					
						Year of Patent Application	2015					

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	<div>Principal Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Deepak Pathania</td> <td>Faculty</td> <td>Male</td> <td>dpathania74@gmail.com</td> <td>7006437452</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Deepak Pathania	Faculty	Male	dpathania74@gmail.com	7006437452					
	Name	Type	Gender	Email	Contact																				
	Deepak Pathania	Faculty	Male	dpathania74@gmail.com	7006437452																				
	<div>Co-Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Divya Gupta</td> <td>Student</td> <td>Female</td> <td>divyagupta@shooliniuniversity.com</td> <td>7006437452</td> </tr> <tr> <td>Swadeep Sood</td> <td>Student</td> <td>Male</td> <td>swadeepsood@shooliniuniversity.com</td> <td>7006437452</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Divya Gupta	Student	Female	divyagupta@shooliniuniversity.com	7006437452	Swadeep Sood	Student	Male	swadeepsood@shooliniuniversity.com	7006437452
	Name	Type	Gender	Email	Contact																				
	Divya Gupta	Student	Female	divyagupta@shooliniuniversity.com	7006437452																				
	Swadeep Sood	Student	Male	swadeepsood@shooliniuniversity.com	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	<div>IP / Patented Technology</div> <table border="1"> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>201611004817</td> </tr> <tr> <td>Year of Patent Application</td> <td>2016</td> </tr> </tbody> </table>	Applied for Patent	Yes	Patent Application No	201611004817	Year of Patent Application	2016	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No								
	Applied for Patent	Yes																							
	Patent Application No	201611004817																							
Year of Patent Application	2016																								
<div>Principal Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Umar Farooq</td> <td>Faculty</td> <td>Male</td> <td>ufaaroq8@gmail.com</td> <td>9877236732</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Umar Farooq	Faculty	Male	ufaaroq8@gmail.com	9877236732						
Name	Type	Gender	Email	Contact																					
Umar Farooq	Faculty	Male	ufaaroq8@gmail.com	9877236732																					
<div>Co-Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Varun Chauhan</td> <td>Student</td> <td>Male</td> <td>varunchauhan@shooliniuniversity.com</td> <td>9877236732</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732						
Name	Type	Gender	Email	Contact																					
Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732																					

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Flying Chair	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	280329					
					Year of Patent Application	2016					
	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Sorabh Aggarwal				Faculty		Male		sorabhaggarwal@shooliniuniversity.com		7009924762
	Novel nanocomposite for treatment of effluents containing dyes and method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No
						Applied for Patent	Yes				
Patent Application No						201611011100					
Year of Patent Application						2016					
No	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Deepak Pathania				Faculty		Male		dpathania74@gmail.com		7006437452

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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/Incubation 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/Innovations 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?								
<b>Co-Innovator</b>										Nano ferrite substrate and its process of production for use in large bandwidth miniaturized antenna								
Name			Type		Gender		Email		Contact									
Divya Gupta			Student		Male		divyagupta@shooliniuniversity.com		7006437452									
Amit Kumar			Faculty		Male		amitkumar@shooliniuniversity.com		9625310313									
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	<table><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2016 1101 3315</td></tr><tr><td>Year of Patent Application</td><td>2016</td></tr></table>		IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2016 1101 3315	Year of Patent Application	2016	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2016 1101 3315																	
Year of Patent Application	2016																	
<b>Principal Innovator</b>																		
Name			Type		Gender		Email		Contact									
Atul Thakur			Faculty		Male		atulthakur@shooliniuniversity.com		9418095987									
<b>Co-Innovator</b>										Magneto-dielectric substrate for miniaturized microstrip patch antenna for use in high bandwidth in uhf band.								
Name			Type		Gender		Email		Contact									
Preeti Thakur			Faculty		Female		preetithakur@shooliniuniversity.com		9418095987									



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

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High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2016 1101 8053</td></tr><tr><td>Year of Patent Application</td><td>2016</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2016 1101 8053	Year of Patent Application	2016	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No				
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2016 1101 8053																				
Year of Patent Application	2016																				
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Atul Thakur</td><td>Faculty</td><td>Male</td><td>atulthakur@shooliniuniversity.com</td><td>9418095987</td></tr></table>											Name	Type	Gender	Email	Contact	Atul Thakur	Faculty	Male	atulthakur@shooliniuniversity.com	9418095987	
Name	Type	Gender	Email	Contact																	
Atul Thakur	Faculty	Male	atulthakur@shooliniuniversity.com	9418095987																	
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Preeti Thakur</td><td>Faculty</td><td>Female</td><td>preetithakur@shooliniuniversity.com</td><td>9418095987</td></tr></table>											Name	Type	Gender	Email	Contact	Preeti Thakur	Faculty	Female	preetithakur@shooliniuniversity.com	9418095987	Nano composites material with enhanced magnetic properties.
Name	Type	Gender	Email	Contact																	
Preeti Thakur	Faculty	Female	preetithakur@shooliniuniversity.com	9418095987																	
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2016 1102 2599</td></tr><tr><td>Year of Patent Application</td><td>2016</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2016 1102 2599	Year of Patent Application	2016	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No				
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2016 1102 2599																				
Year of Patent Application	2016																				

Nano composites material with enhanced magnetic properties.

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Principal Innovator																	
Name		Type		Gender		Email		Contact									
Atul Thakur		Faculty		Male		atulthakur@shooliniuniversity.com		9418095987									
Co-Innovator																	
Name		Type		Gender		Email		Contact									
Preeti Thakur		Faculty		Female		preetithakur@shooliniuniversity.com		9418095987									
Kush Rana		Student		Male		kushrana@shooliniuniversity.com		9418095987									
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2016 1102 2602</td></tr><tr><td>Year of Patent Application</td><td>2016</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2016 1102 2602	Year of Patent Application	2016	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
IP / Patented Technology																	
Applied for Patent	Yes																
Patent Application No	2016 1102 2602																
Year of Patent Application	2016																
Principal Innovator																	
Name		Type		Gender		Email		Contact									
Afroze Alam		Faculty		Male		afrozepharm@gmail.com		7018196843									
Co-Innovator																	
Name		Type		Gender		Email		Contact									
K.L Dhar		Faculty		Male		kldhar@shooliniuniversity.com		7018196843									

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Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2016	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No		
				Applied for Patent							Yes
				Patent Application No							2016 1102 3982
				Year of Patent Application							2016
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8679741043		
Novel alcohol free process for extraction of zein and xanthophylls.	Food Testing Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent						Yes
					Patent Application No						2016 1103 1746
					Year of Patent Application						2016
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Dinesh Kumar			Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855		

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	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Sampy Duggal			Student		Male		sampyduggal@shooliniuniversity.com		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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	2016 1103 6282					
					Year of Patent Application	2016					
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Amit Kumar			Faculty		Male		amitkumar@shooliniuniversity.com		9625310313	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Ajay Kumar			Student		Male		ajaykumar@shooliniuniversity.com		9625310313	
	Gaurav Sharma			Faculty		Male		gaurav.541@shooliniuniversity.com		9418807170	

**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/Incubation 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/Innovations 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?									
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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
					Applied for Patent						Yes								
					Patent Application No						2016 1103 7781								
					Year of Patent Application						2016								
					<b>Principal Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Deepak Pathania						Faculty	Male	dpathania74@gmail.com	7006437452					
					<b>Co-Innovator</b>														
					Name						Type	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											

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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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	201611040684						
					Year of Patent Application	2016						
	Principal Innovator											
	Name				Type		Gender	Email		Contact		
	Neeraj Mahindroo				Faculty		Male	neerajmahindroo@shooliniuniversity.com		9816017554		
	Co-Innovator											
	Name				Type		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		

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An isolate from seed oil of Pongamiapinnata with anti-osteoporotic activity and method	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2016	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No		
					Applied for Patent	Yes							
					Patent Application No	2016 1104 3705							
					Year of Patent Application	2016							
	Principal Innovator												
	Name				Type		Gender		Email		Contact		
	Afroze Alam				Faculty		Male		afrozepharma@gmail.com		7018196843		
	Co-Innovator												
	Name				Type		Gender		Email		Contact		
	Aditya Shiven				Student		Male		adityashiven@shooliniuniversity.com		7018196843		
	Improved vesicular formulation of thymoquinone for the treatment of dermal inflammatory disorders and method	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes		No	No
						Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
						Patent Application No	2017 1100 2485 PCT/IN2018/050035			88000			
Year of Patent Application						2017							

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Synergistic graphene sand nano composites for antibiotic degradation in waste water and method thereof.	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Poonam Negi</td> <td>Faculty</td> <td>Female</td> <td>poonam.546@shooliniuniversity.com</td> <td>8219477820</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Poonam Negi	Faculty	Female	poonam.546@shooliniuniversity.com	8219477820					
	Name	Type	Gender	Email	Contact																				
	Poonam Negi	Faculty	Female	poonam.546@shooliniuniversity.com	8219477820																				
	<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Charul Rathore</td> <td>Student</td> <td>Female</td> <td>charulrathore@shooliniuniversity.com</td> <td>8219477820</td> </tr> <tr> <td>Ishita Sharma</td> <td>Student</td> <td>Female</td> <td>ishitasharma@shooliniuniversity.com</td> <td>8219477820</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Charul Rathore	Student	Female	charulrathore@shooliniuniversity.com	8219477820	Ishita Sharma	Student	Female	ishitasharma@shooliniuniversity.com	8219477820
	Name	Type	Gender	Email	Contact																				
	Charul Rathore	Student	Female	charulrathore@shooliniuniversity.com	8219477820																				
	Ishita Sharma	Student	Female	ishitasharma@shooliniuniversity.com	8219477820																				
	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1100 4067</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1100 4067	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No							
	IP / Patented Technology																								
	Applied for Patent	Yes																							
Patent Application No	2017 1100 4067																								
Year of Patent Application	2017																								
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Pankaj Raizada</td> <td>Faculty</td> <td>Female</td> <td>pankajraizada@shooliniuniversity.com</td> <td>8278743410</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	8278743410						
Name	Type	Gender	Email	Contact																					
Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	8278743410																					



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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Pooja Shandilya			Faculty		Female		poojashandilya@shooliniuniversity.com		8894008485	
	Rashi Dhiman			Student		Female		rashidhiman@shooliniuniversity.com		8278743410	
	Pardeep Singh			Faculty		Male		pardeepsingh@shooliniuniversity.com		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	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201711007132					
					Year of Patent Application	2017					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Adesh Kumar Saini			Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238	
	<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact		
Christine Coe Winterbourn			Faculty		Male		christine@shooliniuniversity.com		8988205238		
Vikas Kumar			Faculty		Male		vikas.phd@shooliniuniversity.com		9459527906		
Reena Vohra Saini			Faculty		Male		reenasaini@shooliniuniversity.com		8894568244		

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Novel nanocomposite for therapeutic use as immunostimulator and method	Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1100 7222						
					Year of Patent Application	2017						
					Principal Innovator							
	Name		Type		Gender		Email		Contact			
	Reena Vohra Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244			
	Co-Innovator											
	Name		Type		Gender		Email		Contact			
	Adesh Kumar Saini		Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238			
	Induhira		Student		Female		induhira@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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	2017 1101 5752					
Year of Patent Application						2017						

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	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sameer Sapra</td> <td>Faculty</td> <td>Male</td> <td>sameersapra@shooliniuniversity.com</td> <td>9316854615</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Sameer Sapra	Faculty	Male	sameersapra@shooliniuniversity.com	9316854615					
	Name	Type	Gender	Email	Contact																				
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	Name	Type	Gender	Email	Contact																				
	Kamna Sharma	Faculty	Female	kamnasharma@shooliniuniversity.com	9316854615																				
	K.L. Dhar	Faculty	Male	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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1101 5779</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1101 5779	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No						
	IP / Patented Technology																								
	Applied for Patent	Yes																							
Patent Application No	2017 1101 5779																								
Year of Patent Application	2017																								
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Deepak Pathania</td> <td>Faculty</td> <td>Male</td> <td>dpathania74@gmail.com</td> <td>7006437452</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Deepak Pathania	Faculty	Male	dpathania74@gmail.com	7006437452						
Name	Type	Gender	Email	Contact																					
Deepak Pathania	Faculty	Male	dpathania74@gmail.com	7006437452																					
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Manita Thakur</td> <td>Student</td> <td>Female</td> <td>manitathakur@shooliniuniversity.com</td> <td>7006437452</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Manita Thakur	Student	Female	manitathakur@shooliniuniversity.com	7006437452						
Name	Type	Gender	Email	Contact																					
Manita Thakur	Student	Female	manitathakur@shooliniuniversity.com	7006437452																					

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Gene expressing novel microbial protein for engineering salt tolerance in plants and method	Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1101 8003						
					Year of Patent Application	2017						
					Principal Innovator							
	Name			Type		Gender		Email		Contact		
	Anuradha Sourirajan			Faculty		Female		anuradha@shooliniuniversity.com		9805645534		
	Co-Innovator											
	Name			Type		Gender		Email		Contact		
	Shivani Vaidya			Student		Female		shivani vaidya@shooliniuniversity.com		9805645534		
	Kamal Dev			Faculty		Male		kamaldev@shooliniuniversity.com		9418653905		
	Novel nanocomposite based immunosensor for detection of celiac disease and method there of	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	2017 1101 9443					
Year of Patent Application						2017						

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	<b>Principal Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Shagun Gupta			Student		Female		shagungupta@shooliniuniversity.com		8629878797								
	<b>Co-Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Dinesh Kumar			Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855								
	Ankur Kaushal			Faculty		Male		ankurkushal@shooliniuniversity.com		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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201711019471</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201711019471	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	201711019471																	
Year of Patent Application	2017																	
	<b>Principal Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8219393854								
	<b>Co-Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Ranchan Chauhan			Faculty		Male		ranchanchauhan@shooliniuniversity.com		9418011870								

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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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1102 0456</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1102 0456	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>71000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	71000	No	No														
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Novel anticancer nanocomposite	Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
					Applied for Patent	Yes														
					Patent Application No	2017 1102 1290														
					Year of Patent Application	2017														
					Principal Innovator															
					Name							Type	Gender	Email	Contact					
					Reena Vohra Saini							Faculty	Female	reenasaini@shooliniuniversity.com	8894568244					
					Co-Innovator															
					Name							Type	Gender	Email	Contact					
					Adesh Kumar Saini							Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238					
Indu Hira		Student	Female	induhira@shooliniuniversity.com	8894568244															
Amit Kumar		Faculty	Male	amitkumar@shooliniuniversity.com	9625310313															
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 / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
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	Productivity Improvement by modification in fixture	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1102 1818</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1102 1818	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No						
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Cooling pad for mobile	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>294956</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	294956	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																	
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Novel nanohydrogel for activity enhancement and controlled release of antimicrobial drug and method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1102 4051						
					Year of Patent Application	2017						
					Principal Innovator							
	Name			Type		Gender		Email		Contact		
	Deepak Pathania			Faculty		Male		dpathania74@gmail.com		7006437452		
	Co-Innovator											
	Name			Type		Gender		Email		Contact		
	Poonam Negi			Faculty		Female		poonam.546@shooliniuniversity.com		8054918093		
	Chetna Verma			Student		Female		chetnaverma@shooliniuniversity.com		7006437452		
	A METHOD OF SENSIBLE STEERING ASSIST SYSTEM DUE TO INTOXICATION AND EMERGENCY CONDITIONS AND USES	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
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	Bhaskar Goel	Faculty	Male	bhaskargoel@shooliniuniversity.com	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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1102 4705</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1102 4705	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No						
	IP / Patented Technology																								
	Applied for Patent	Yes																							
Patent Application No	2017 1102 4705																								
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<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ravinder Kaushik</td> <td>Faculty</td> <td>Male</td> <td>ravinder@shooliniuniversity.com</td> <td>9416962729</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Ravinder Kaushik	Faculty	Male	ravinder@shooliniuniversity.com	9416962729						
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Name	Type	Gender	Email	Contact																					
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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	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No	
					Applied for Patent			Yes			
					Patent Application No			201711024743			
					Year of Patent Application			2017			
	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Adit Rana				Faculty		Male		aditrana@shooliniuniversity.com		8219393854
	Co-Innovator										
	Name				Type		Gender		Email		Contact
	Ranchan Chauhan				Faculty		Male		ranchanchauhan@shooliniuniversity.com		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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent						Yes
					Patent Application No						201711024744
					Year of Patent Application						2017

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	<b>Principal Innovator</b>																		
	Name				Type	Gender	Email	Contact											
	Adit Rana				Faculty	Male	aditrana@shooliniuniversity.com	8679741043											
	<b>Co-Innovator</b>																		
	Name				Type	Gender	Email	Contact											
	Ranchan Chauhan				Faculty	Male	ranchanchauhan@shooliniuniversity.com	9418011870											
Herbal extract based formulation for treatment of Salmonellosis	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No								
					Applied for Patent	Yes													
					Patent Application No	201711025878													
					Year of Patent Application	2017													
					<b>Principal Innovator</b>														
					Name							Type	Gender	Email	Contact				
Ravinder Kaushik				Faculty	Male	ravinder@shooliniuniversity.com	941962729												

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	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>296068</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	296068	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No												
	IP / Patented Technology																													
	Applied for Patent	Yes																												
	Patent Application No	296068																												
	Year of Patent Application	2017																												
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Amar Raj Singh</td> <td>Faculty</td> <td>Male</td> <td>amarrajsingh@shooliniuniversity.com</td> <td>9882310780</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Amar Raj Singh	Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780											
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SMS based power control switch system	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	2017 1102 6295					
					Year of Patent Application	2017					
	Principal Innovator										
	Name				Type		Gender	Email		Contact	
	Sanjay Bhardwaj				Faculty		Male	sanjaybhardwaj@shooliniuniversity.com		9418648758	
	Co-Innovator										
	Name				Type		Gender	Email		Contact	
	Suman Bhardwaj				Faculty		Female	sumanbhardwaj@shooliniuniversity.com		9459747352	
Automatic ac mains cut off system on LPG gas leakage using arduino.	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
Applied for Patent		Yes									
Patent Application No		2017 1102 6909									
Year of Patent Application		2017									
		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		61000							



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	Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108																				
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	Pankaj Vaidya	Faculty	Male	pankaj.vaidya@shooliniuniversity.com	9418080977																				
	Silt Erosion Test Rig	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>296389</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	296389	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No						
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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	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No																			
					Applied for Patent						Yes																		
					Patent Application No						2017 1102 8931																		
					Year of Patent Application						2017																		
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					Name						Type	Gender	Email	Contact															
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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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1102 9421						
					Year of Patent Application	2017						
	Principal Innovator											
	Name				Type		Gender		Email		Contact	
	Deepak Pathania				Faculty		Male		dpathania74@gmail.com		7006437452	
	Co-Innovator											
	Name				Type		Gender		Email		Contact	
	Manita Thakur				Student		Female		manitathakur@shooliniuniversity.com		7006437452	
	Arush Sharma				Student		Male		arushsharma@shooliniuniversity.com		7006437452	
	A Rolling and Adjustable Notice Board	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Applied for Patent		Yes									
	Patent Application No		2017 1103 0962									
Year of Patent Application		2017										

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	Name	Type	Gender	Email	Contact																														
	Randhir Bhandari	Faculty	Male	randhir.492@shooliniuniversity.com	9736030563																														
	<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Varun Jaiswal</td> <td>Faculty</td> <td>Male</td> <td>varun.505@shooliniuniversity.com</td> <td>9736490104</td> </tr> <tr> <td>Gaurav Gupta</td> <td>Faculty</td> <td>Male</td> <td>gaurav@shooliniuniversity.com</td> <td>9817452559</td> </tr> <tr> <td>Manoj Gaur</td> <td>Faculty</td> <td>Male</td> <td>manojgaur@shooliniuniversity.com</td> <td>9736030563</td> </tr> <tr> <td>Pankaj Vaidya</td> <td>Faculty</td> <td>Male</td> <td>pankaj.vaidya@shooliniuniversity.com</td> <td>7018504231</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Varun Jaiswal	Faculty	Male	varun.505@shooliniuniversity.com	9736490104	Gaurav Gupta	Faculty	Male	gaurav@shooliniuniversity.com	9817452559	Manoj Gaur	Faculty	Male	manojgaur@shooliniuniversity.com	9736030563	Pankaj Vaidya	Faculty	Male	pankaj.vaidya@shooliniuniversity.com	7018504231
	Name	Type	Gender	Email	Contact																														
	Varun Jaiswal	Faculty	Male	varun.505@shooliniuniversity.com	9736490104																														
	Gaurav Gupta	Faculty	Male	gaurav@shooliniuniversity.com	9817452559																														
	Manoj Gaur	Faculty	Male	manojgaur@shooliniuniversity.com	9736030563																														
	Pankaj Vaidya	Faculty	Male	pankaj.vaidya@shooliniuniversity.com	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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>297124</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	297124	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																
IP / Patented Technology																																			
Applied for Patent	Yes																																		
Patent Application No	297124																																		
Year of Patent Application	2017																																		
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Robin Thakur</td> <td>Faculty</td> <td>Male</td> <td>robinthakur@shooliniuniversity.com</td> <td>8894373150</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Robin Thakur	Faculty	Male	robinthakur@shooliniuniversity.com	8894373150																
Name	Type	Gender	Email	Contact																															
Robin Thakur	Faculty	Male	robinthakur@shooliniuniversity.com	8894373150																															

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Nitin Rana			Student		Male		nitinrana@shooliniuniversity.com		8894373150	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Amar Raj Singh			Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780	
Flying Strecher	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	297125					
					Year of Patent Application	2017					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		8894175292	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Amar Raj Singh			Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780	
Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541		
Robin Thakur			Faculty		Male		robinsampark.thakur@gmail.com		8894373150		

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Fixture with multiloading of components	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	297126						
					Year of Patent Application	2017						
	Principal Innovator											
	Name				Type		Gender	Email		Contact		
	Bhaskar Goel				Faculty		Male	bhaskargoel@shooliniuniversity.com		9416264981		
	Co-Innovator											
	Name				Type		Gender	Email		Contact		
	Sorabh Aggarwal				Faculty		Male	sorabhaggarwal@shooliniuniversity.com		9041996541		
	Sashank Thapa				Faculty		Male	sushank.537@shooliniuniversity.com		8894687446		
	Low cost production of canthaxanthin and xanthophyll pigments using micrococcus luteus and brewers spent grain	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	201711031489					
						Year of Patent Application	2017					

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	<b>Principal Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Somesh Sharma			Faculty		Male		someshsharma@shooliniuniversity.com		9418023062								
	<b>Co-Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Kanchan Heer			Student		Female		kanchanheer@shooliniuniversity.com		9418023062								
A Grinding Machine and Methods Thereof.	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 1103 3174</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1103 3174	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2017 1103 3174																	
Year of Patent Application	2017																	
	<b>Principal Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Sanjay Bhardwaj			Faculty		Male		sanjaybhardwaj@shooliniuniversity.com		9418648758								

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Nanocomposite for removal of metal ions from waste water and method	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Suman Bhardwaj			Faculty		Female		sumanbhardwaj@shooliniuniversity.com		9459747352	
	Pankaj Vaidya			Faculty		Male		pankaj.vaidya@shooliniuniversity.com		9418080977	
	Suman Bhardwaj			Faculty		Female		sumanbhardwaj@shooliniuniversity.com		9459747352	
	Pankaj Vaidya			Faculty		Male		pankaj.vaidya@shooliniuniversity.com		9418080977	
	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	201711032662					
					Year of Patent Application	2017					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Deepak Pathania			Faculty		Male		dpathania74@gmail.com		7006437452	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
Manita Thakur			Student		Female		manitathakur@shooliniuniversity.com		7006437452		
Pankaj Thakur			Faculty		Male		chempank@gmail.com		9816266489		



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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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
					Applied for Patent						Yes								
					Patent Application No						2017 1103 4223								
					Year of Patent Application						2017								
					<b>Principal Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Somesh Sharma						Faculty	Male	someshsharma@shooliniuniversity.com	9418023062					
					<b>Co-Innovator</b>														
					Name						Type	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											

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Hexaferrites nanomaterial and microwave applications	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
					Applied for Patent						Yes								
					Patent Application No						2017 1103 4816								
					Year of Patent Application						2017								
					<b>Principal Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Virender Pratap Singh						Faculty	Male	virenderpratap@shooliniuniversity.com	9816714076					
					<b>Co-Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Gagan Bhargava						Faculty	Male	gaganbhargava@shooliniuniversity.com	9816714076					
R.K Kotnala					Faculty	Male	rkotnala@shooliniuniversity.com	9816714076											
Mahavir Singh					Faculty	Male	mahavirsingh@shooliniuniversity.com	9816714076											

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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	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No	
					Applied for Patent			Yes			
					Patent Application No			201711034820			
					Year of Patent Application			2017			
	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Rupak Nagraik				Faculty		Male		rupaknagraik@shooliniuniversity.com		7018858252
	Co-Innovator										
	Name				Type		Gender		Email		Contact
	Kartik Chauhan				Student		Male		kartikchauhan@shooliniuniversity.com		7018858252
Geometric Device for making Hexagon	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
Applied for Patent	Yes										
Patent Application No	298052										
Year of Patent Application	2017										

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	<b>Principal Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Sumit Mehlwal			Student		Male		sumit.me@shooliniuniversity.com		9816005759									
	<b>Co-Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Ankit Thakur			Student		Male		ankitthakur@shooliniuniversity.com		9816005759									
	Anshul Sehgal			Faculty		Male		anshulsehgal@shooliniuniversity.com		9625151080									
	Varun Sharma			Student		Male		varunsharma@shooliniuniversity.com		9816005759									
	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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>298051</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	298051	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	IP / Patented Technology																		
Applied for Patent	Yes																		
Patent Application No	298051																		
Year of Patent Application	2017																		
<b>Principal Innovator</b>																			
Name			Type		Gender		Email		Contact										
Raj Kumar Saini			Faculty		Male		rksaini@shooliniuniversity.com		9418739373										

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Neeraj Gandotra			Faculty		Male		neerajgandotra@shooliniuniversity.com		9459924555	
	Namita Saini			Student		Female		namitasaini@shooliniuniversity.com		9418739373	
	Shashank Thapa			Faculty		Male		sushank.537@shooliniuniversity.com		8894687446	
	Neeraj Gandotra			Faculty		Male		neerajgandotra@shooliniuniversity.com		9459924555	
	Namita Saini			Student		Female		namitasaini@shooliniuniversity.com		9418739373	
	Shashank Thapa			Faculty		Male		sushank.537@shooliniuniversity.com		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		Completed and Ready for Commercialization/Incubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	2017 1103 7586					
					Year of Patent Application	2017					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Sourabh Kulshrestha			Faculty		Male		sourabhkulshrestha@shooliniuniversity.com		9459241393	

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Amanpreet Kaur			Student		Female		amanpreetkaur@shooliniuniversity.com		9459241393	
	Chandresh Kumari			Faculty		Female		chandreshkumari@shooliniuniversity.com		9857763215	
	Swati			Student		Female		swati@shooliniuniversity.com		9459241393	
	Tanvi Gupta			Student		Female		tanvigupta@shooliniuniversity.com		9459241393	
	Abhishek Bhardwaj			Student		Male		abhishekbhardwaj@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	201711038485					
					Year of Patent Application	2017					
					<b>Principal Innovator</b>						
Name			Type		Gender		Email		Contact		
Robin Thakur			Faculty		Male		robinthakur@shooliniuniversity.com		8894373150		

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Nitin Rana			Student		Male		nitinrana@shooliniuniversity.com		8894373150	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Ankit Thakur			Student		Male		ankithakur@shooliniuniversity.com		8894373150	
	Dinesh Kumar			Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855	
Solar Tracking System.	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	298908					
					Year of Patent Application	2017					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		7009924762	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		9416264981	
Neeraj Gandotra			Faculty		Male		neerajgandotra@shooliniuniversity.com		9459924555		

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Cooking Stove	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>298909</td> </tr> <tr> <td>Year of Patent Application</td> <td>2017</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	298909	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No																																					
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Surface Grinding Of Multi-Connecting Rods On Horizontal Surface Grinding Machine.	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	298910						
					Year of Patent Application	2017						
					Principal Innovator							
	Name			Type		Gender		Email		Contact		
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		9816264981		
	Co-Innovator											
	Name			Type		Gender		Email		Contact		
	Shashank Thapa			Faculty		Male		sushank.537@shooliniuniversity.com		8894687446		
	Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541		
	A Method And Composition Of Pumpkin Wine Using Oak (QuercusLeucotrichophora) Wood Chips	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
						Applied for Patent	Yes					
						Patent Application No	201711038776					
						Year of Patent Application	2017					

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	<b>Principal Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Somesh Sharma		Faculty		Male		someshsharma@shooliniuniversity.com		9418023062													
	<b>Co-Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Aman Deep Thakur		Student		Male		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.	Faculty	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No											
					Applied for Patent	Yes																
					Patent Application No	201711038575																
					Year of Patent Application	2017																
	<b>Principal Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8679741043													
	<b>Co-Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Ranchan Chauhan		Faculty		Male		ranchanchauhan@shooliniuniversity.com		9418011870													

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Product Based Temperature Control System For Solar Dryer To Prevent Overheating And Improve completeness.	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1103 8576						
					Year of Patent Application	2017						
					Principal Innovator							
	Name			Type		Gender		Email		Contact		
	Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8679741043		
	Co-Innovator											
	Name			Type		Gender		Email		Contact		
	Ranchan Chauhan			Faculty		Male		ranchanchauhan@shooliniuniversity.com		9418011870		
	Raj Kumar			Faculty		Male		raj.me@shooliniuniversity.com		7018322627		
	A Method Of Recovery Of Silver From Waste X-Ray Films By The Use Of Thermostable Alkaline Protease E.	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	2017 1103 9167					
						Year of Patent Application	2017					

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	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Dinesh Kumar			Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Neha Thakur			Student		Female		nehathakur@shooliniuniversity.com		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 / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	201711039168					
						Year of Patent Application	2017					
<b>Principal Innovator</b>												
Name			Type		Gender		Email		Contact			
Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8219393854			
<b>Co-Innovator</b>												
Name			Type		Gender		Email		Contact			
Abhilash Pathania			Faculty		Male		abhilashpathania@shooliniuniversity.com		8091330001			

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Polyhouse structure	Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No										
					Applied for Patent						Yes									
					Patent Application No						299678									
					Year of Patent Application						2017									
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Rupak Nagraik</td> <td>Faculty</td> <td>Male</td> <td>rupaknagraik@shooliniuniversity.com</td> <td>7018858252</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252
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Name	Type	Gender	Email	Contact																
Kartik Chauhan	Student	Male	kartikchauhan@shooliniuniversity.com	7018858252																
Pen for OMR sheets	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
					Applied for Patent	Yes														
					Patent Application No	299679														
					Year of Patent Application	2017														

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	Anshul Sehgal	Faculty	Male	anshulsehgal@shooliniuniversity.com	9625151080																														
	Hexapod Robot	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<table><tr><th>IP / Patented Technology</th><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>299680</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	299680	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																
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Applied for Patent	Yes																																		
Patent Application No	299680																																		
Year of Patent Application	2017																																		
<div>Principal Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Sorabh Aggarwal</td><td>Faculty</td><td>Male</td><td>sorabhaggarwal@shooliniuniversity.com</td><td>7009924762</td></tr></table>										Name	Type	Gender	Email	Contact	Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	7009924762																
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Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	7009924762																															

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	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Akshay Pathania			Faculty		Male		akshay.563@shooliniuniversity.com		8284871380
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		9416264981
Pick and Place Robot	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2017	<div>IP / Patented Technology</div> <div><div>Applied for Patent</div>Yes</div> <div><div>Patent Application No</div>299681</div> <div><div>Year of Patent Application</div>2017</div>	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		7009924762
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		9416264981
	Neeraj Gandotra			Faculty		Male		neerajgandotra@shooliniuniversity.com		9218301016

**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/Incubation 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/Innovations 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?	
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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applied for Patent	Yes					
					Patent Application No	201711043038					
					Year of Patent Application	2017					
	Principal Innovator										
	Name				Type		Gender	Email		Contact	
	Adit Rana				Faculty		Male	aditrana@shooliniuniversity.com		8679741043	
	Co-Innovator										
	Name				Type		Gender	Email		Contact	
	Varun Sharma				Student		Male	varunsharma@shooliniuniversity.com		8679741043	
	Anshul Sehgal				Faculty		Male	anshulsehgal@shooliniuniversity.com		9625151080	
	Suneel Dutt				Faculty		Male	dutt.fermilab@gmail.com		8894956400	
	Sumit Mehlwal				Faculty		Male	sumit.me@shooliniuniversity.com		9816005759	



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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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
					Applied for Patent						Yes								
					Patent Application No						2017 1104 3005								
					Year of Patent Application						2017								
					<b>Principal Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Dinesh Kumar						Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855					
					<b>Co-Innovator</b>														
					Name						Type	Gender	Email	Contact					
					Samy Duggal						Student	Male	sampyduggal@shooliniuniversity.com	9816321855					
Somesh Sharma					Faculty	Male	someshsharma@shooliniuniversity.com	7018171525											

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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent						Yes
					Patent Application No						2017 1104 3219
					Year of Patent Application						2017
	<b>Principal Innovator</b>										
	Name					Type	Gender	Email	Contact		
	Amit Seth					Faculty	Male	amitseth@shooliniuniversity.com	9459037197		
	<b>Co-Innovator</b>										
	Name					Type	Gender	Email	Contact		
	Poonam Singh					Student	Female	poonamsingh@shooliniuniversity.com	9459037197		
Ansu Kumari					Student	Female	ansukumari@shooliniuniversity.com	9459037197			
Kalpana Chauhan					Faculty	Female	kalpanachauhan@shooliniuniversity.com	7018812424			
Chandrika Attri					Faculty	Female	chandrikaseth@shooliniuniversity.com	9817251637			

**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/Incubation 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/Innovations 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?	
IMPROVED PROCESS FOR PRODUCTION OF THERMOSTABLE PIGMENTS FROM MONASCUS PURPUREUS	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2017 1104 5550						
					Year of Patent Application	2017						
	Principal Innovator											
	Name				Type		Gender		Email		Contact	
	Dinesh Kumar				Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855	
	Co-Innovator											
	Name				Type		Gender		Email		Contact	
	Preeti Dogra				Student		Female		preetidogra@shooliniuniversity.com		9816321855	
NANO BIOSENSOR BASED HANDHELD DEVICE FOR EARLY AND ACCURATE DIAGNOSIS OF CELIAC DISEASE	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes		No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No	2018 1100 2327			71000			
					Year of Patent Application	2018						

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	<b>Principal Innovator</b>																	
	Name		Type		Gender		Email		Contact									
	Ankur Kaushal		Faculty		Male		ankurkushal@shooliniuniversity.com		9882546292									
	<b>Co-Innovator</b>																	
	Name		Type		Gender		Email		Contact									
	Shagun Gupta		Faculty		Female		shagungupta@shooliniuniversity.com		8629878797									
	Dinesh Kumar		Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855									
	<b>Principal Innovator</b>																	
	Name		Type		Gender		Email		Contact									
	Reena Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244									
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1100 2588</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1100 2588	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2018 1100 2588																	
Year of Patent Application	2018																	

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	A system for drunken driver detection and indication in vehicles and methods thereof	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No												
Applied for Patent						Yes																	
Patent Application No						2018 1100 5532																	
						Year of Patent Application	2018																
No		<div>Principal Innovator</div> <table><thead><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr></thead><tbody><tr><td colspan="2">Brij Bhushan</td><td>Faculty</td><td>Male</td><td>brijbhushan@shooliniuniversity.com</td><td>9816260108</td></tr></tbody></table>										Name		Type	Gender	Email	Contact	Brij Bhushan		Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108
Name		Type	Gender	Email	Contact																		
Brij Bhushan		Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108																		
DNA based electrochemical biosensor kit and uses thereof		Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No												
					Applied for Patent	Yes																	
					Patent Application No	2018 1100 5529																	
						Year of Patent Application	2018																
	No	<div>Principal Innovator</div> <table><thead><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr></thead><tbody><tr><td colspan="2">Ankur Kaushal</td><td>Faculty</td><td>Male</td><td>ankurkaushal@shooliniuniversity.com</td><td>9882546292</td></tr></tbody></table>										Name		Type	Gender	Email	Contact	Ankur Kaushal		Faculty	Male	ankurkaushal@shooliniuniversity.com	9882546292
Name		Type	Gender	Email	Contact																		
Ankur Kaushal		Faculty	Male	ankurkaushal@shooliniuniversity.com	9882546292																		

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A method for surface modification of low carbon steel and uses thereof	<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Rupak Nagraik</td> <td>Faculty</td> <td>Male</td> <td>rupaknagraik@shooliniuniversity.com</td> <td>7018858252</td> </tr> <tr> <td>Dinesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>dineshkumar@shooliniuniversity.com</td> <td>9816321855</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252	Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855				
	Name	Type	Gender	Email	Contact																								
	Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252																								
	Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855																								
	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1100 5531</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1100 5531	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No											
	IP / Patented Technology																												
	Applied for Patent	Yes																											
	Patent Application No	2018 1100 5531																											
	Year of Patent Application	2018																											
	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Akshay Pathania</td> <td>Faculty</td> <td>Male</td> <td>akshay.563@shooliniuniversity.com</td> <td>8284871380</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Akshay Pathania	Faculty	Male	akshay.563@shooliniuniversity.com	8284871380									
Name	Type	Gender	Email	Contact																									
Akshay Pathania	Faculty	Male	akshay.563@shooliniuniversity.com	8284871380																									
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Vishal</td> <td>Student</td> <td>Male</td> <td>vishal@shooliniuniversity.com</td> <td>8284871380</td> </tr> <tr> <td>Sorabh Aggarwal</td> <td>Faculty</td> <td>Male</td> <td>sorabhaggarwal@shooliniuniversity.com</td> <td>9041996541</td> </tr> <tr> <td>Shashank Thapa</td> <td>Faculty</td> <td>Male</td> <td>sushank.537@shooliniuniversity.com</td> <td>8894687446</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Vishal	Student	Male	vishal@shooliniuniversity.com	8284871380	Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	9041996541	Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446
Name	Type	Gender	Email	Contact																									
Vishal	Student	Male	vishal@shooliniuniversity.com	8284871380																									
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	9041996541																									
Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446																									

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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		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No	
					Applied for Patent	Yes						
					Patent Application No	2018 1100 7045						
					Year of Patent Application	2018						
					Principal Innovator							
	Name		Type		Gender		Email		Contact			
	Deepak Nand Kishore Kapoor		Faculty		Male		deepaknandkishore.558@shooliniuniversity.com		9646142349			
	Co-Innovator											
	Name		Type		Gender		Email		Contact			
	Shalabh Bansal		Student		Male		shalabhbansal@shooliniuniversity.com		9646142349			
	Navneet Kumar Upadhyay		Faculty		Male		nkupadhyay@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
						Applied for Patent	Yes					
						Patent Application No	2018 1100 7618					
						Year of Patent Application	2018					

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	<b>Principal Innovator</b>										
	Name				Type	Gender	Email	Contact			
	Dinesh Kumar				Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855			
	<b>Co-Innovator</b>										
	Name				Type	Gender	Email	Contact			
	Neha Thakur				Student	Female	nehathakur@shooliniuniversity.com	9816321855			
A method for biodegradation of synthetic dyes by mycelia of <i>Trametes elegans</i>	Mycology Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
					Applied for Patent	Yes					
					Patent Application No	201811007619					
					Year of Patent Application	2018					
	<b>Principal Innovator</b>										
	Name				Type	Gender	Email	Contact			
Astha Tripathi				Faculty	Female	asthatripathi@shooliniuniversity.com	9218718312				
<b>Co-Innovator</b>											
Name				Type	Gender	Email	Contact				
Sukrit Sagar				Student	Male	sukritsagar@shooliniuniversity.com	9218718312				



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Development and evaluation of Sea Buckthorn (Hippophaerhamnoides L.) seed oil nanoemulsion gel for would healing.	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
					Applie d for Patent	Yes					
					Patent Applica tion No	2018 1100 8389					
					Year of Patent Applica tion	2018					
					Principal Innovator						
	Name				Type		Gender	Email		Contact	
	Deepak Nand Kishore Kapoor				Faculty		Male	deepaknandkishore.558@shooliniuni versity.com		9646142349	
	Co-Innovator										
	Name				Type		Gender	Email		Contact	
	Tanu Rajvir Kaur				Student		Female	tanurajvir@shooliniuniversity.com		9646142349	
Photocatalyst for removing biotic and abiotic pollutant present in water	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
					Applie d for Patent	Yes					
					Patent Applica tion No	2018 1101 0039					
					Year of Patent Applica tion	2018					

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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/Incubation 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/Innovations 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?	
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Pardeep Singh			Faculty		Male		pradeep.kumar@shooliniuniversity.com		7018303146	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Adesh K. Saini			Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238	
	Pankaj Raizada			Faculty		Female		pankajraizada@shooliniuniversity.com		9418235023	
	Pooja Shandilya			Faculty		Female		poojashandilya@shooliniuniversity.com		8894008485	
	Divya Mittal			Student		Female		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No
Applied for Patent						Yes					
Patent Application No						201811010038					
Year of Patent Application						2018					
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8119393854		

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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/Incubation 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/Innovations 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?	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Ranchan Chauhan			Faculty		Male		ranchanchauhan@shooliniuniversity.com		9418011870	
	Raj Kumar			Faculty		Male		raj.me@shooliniuniversity.com		7018322627	
	Nitin Kumar			Faculty		Male		nitin.me@shooliniuniversity.com		9736331930	
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		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	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
					Applied for Patent	Yes					
					Patent Application No	201811010040					
					Year of Patent Application	2018					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Ranchan Chauhan			Faculty		Male		ranchanchauhan@shooliniuniversity.com		9418011870	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	A K Bhardwaj			Student		Male		akbhardwaj@shooliniuniversity.com		9418011870	
Raj Kumar			Faculty		Male		raj.me@shooliniuniversity.com		7018322627		
Adit Rana			Faculty		Male		aditrana@shooliniuniversity.com		8679741043		

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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/Incubation 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/Innovations 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?
Improved apparatus for rapid and good quality vinegar production 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		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
					Applied for Patent	Yes					
					Patent Application No	2018 1100 9973					
					Year of Patent Application	2018					
	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Somesh Sharma				Faculty		Male		someshsharma@shooliniuniversity.com		9418023062
	Co-Innovator										
	Name				Type		Gender		Email		Contact
	Vivek Sharma				Student		Male		viveksharma@shooliniuniversity.com		9418023062
Therapeutic wine prepared by synergistic fermentation of whole beet root pulp and apple juice concentrate	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No
					Applied for Patent	Yes					
					Patent Application No	2018 1101 0514					
					Year of Patent Application	2018					

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	<b>Principal Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Somesh Sharma			Faculty		Male		someshsharma@shooliniuniversity.com		9418023062									
	<b>Co-Innovator</b>																		
	Name			Type		Gender		Email		Contact									
	Shubham Pathak			Student		Male		shubhampathak@shooliniuniversity.com		9418023062									
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		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No								
					Applied for Patent	Yes													
					Patent Application No	2018 1101 0522													
					Year of Patent Application	2018													
					<b>Principal Innovator</b>														
					Name							Type		Gender		Email		Contact	
Somesh Sharma			Faculty		Male		someshsharma@shooliniuniversity.com		9418023062										
<b>Co-Innovator</b>																			
Name			Type		Gender		Email		Contact										
Kajal Kumari			Student		Female		kajalkumari@shooliniuniversity.com		9418023062										

## 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/Incubation 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/Innovations 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?																				
Rapid process for synthesis of biodegradable starch films from non-edible starch sources	Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 0846</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 0846	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>91000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	91000	No	No									
IP / Patented Technology																														
Applied for Patent	Yes																													
Patent Application No	2018 1101 0846																													
Year of Patent Application	2018																													
Yes																														
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																														
91000																														
<table border="1"> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Rahul Thorey</td> <td>Faculty</td> <td>Male</td> <td>rahul.560@shooliniuniversity.com</td> <td>946626628</td> </tr> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Rahul Thorey	Faculty	Male	rahul.560@shooliniuniversity.com	946626628					
Principal Innovator																														
Name	Type	Gender	Email	Contact																										
Rahul Thorey	Faculty	Male	rahul.560@shooliniuniversity.com	946626628																										
<table border="1"> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Kawaljit Singh Sandhu</td> <td>Student</td> <td>Male</td> <td>kawaljitsingh@shooliniuniversity.com</td> <td>946626628</td> </tr> <tr> <td>Archana Sinhmar</td> <td>Student</td> <td>Female</td> <td>archanasinhmar@shooliniuniversity.com</td> <td>946626628</td> </tr> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Kawaljit Singh Sandhu	Student	Male	kawaljitsingh@shooliniuniversity.com	946626628	Archana Sinhmar	Student	Female	archanasinhmar@shooliniuniversity.com	946626628
Co-Innovator																														
Name	Type	Gender	Email	Contact																										
Kawaljit Singh Sandhu	Student	Male	kawaljitsingh@shooliniuniversity.com	946626628																										
Archana Sinhmar	Student	Female	archanasinhmar@shooliniuniversity.com	946626628																										
Nano biosensor based handheld device for quick diagnosis of rheumatic heart disease and method thereof	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 3029</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 3029	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>126000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No									
IP / Patented Technology																														
Applied for Patent	Yes																													
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126000																														

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	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Ankur Kaushal			Faculty		Male		ankurkaushal@shooliniuniversity.com		9882546292		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Dinesh Chatanta			Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855		
Composition for enhancing the content of bioactive molecules in Gentiana kurro and method thereof	Plant tissue culture lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No	2018 1101 4450			71000			
<b>Principal Innovator</b>												
Name			Type		Gender		Email		Contact			
Chandrika Attri			Faculty		Female		chandrikaseth@shooliniuniversity.com		9817251637			

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	An apparatus for sterilization and incubation	Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applie d for Patent</td><td>Yes</td></tr><tr><td>Patent Applica tion No</td><td>2018 1101 7743</td></tr><tr><td>Year of Patent Applica tion</td><td>2018</td></tr></table>	IP / Patented Technology		Applie d for Patent	Yes	Patent Applica tion No	2018 1101 7743	Year of Patent Applica tion	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)</td></tr><tr><td>56000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	56000	No				
IP / Patented Technology																									
Applie d for Patent	Yes																								
Patent Applica tion No	2018 1101 7743																								
Year of Patent Applica tion	2018																								
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)																									
56000																									
No		<table border="1"><tr><th colspan="5">Principal Innovator</th></tr><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Rupak Nagraik</td><td>Faculty</td><td>Male</td><td>rupaknagraik@shooliniuniversity.com</td><td>7018858252</td></tr></table>									Principal Innovator					Name	Type	Gender	Email	Contact	Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252																					
Co-Innovator										Fluorine doped graphene based slurry type photocatalytic system for water purification															
	Name		Type	Gender	Email	Contact																			
Kartik Chauhan			Student	Male	kartikchauhan@shooliniuniversity.com	7018858252																			
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applie d for Patent</td><td>Yes</td></tr><tr><td>Patent Applica tion No</td><td>2018 1101 7744</td></tr><tr><td>Year of Patent Applica tion</td><td>2018</td></tr></table>	IP / Patented Technology		Applie d for Patent	Yes	Patent Applica tion No	2018 1101 7744	Year of Patent Applica tion	2018	Completed and Ready for Commercialization/I ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)</td></tr><tr><td>136000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	136000	No	No					
IP / Patented Technology																									
Applie d for Patent	Yes																								
Patent Applica tion No	2018 1101 7744																								
Year of Patent Applica tion	2018																								
Yes																									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)																									
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<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Pradeep Singh		Faculty		Male		pradeep.kumar@sholiniuniversity.com		7018303146												
<b>Co-Innovator</b>																				
Name		Type		Gender		Email		Contact												
Adesh K. Saini		Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238												
Pooja Shandilya		Faculty		Female		poojashandilya@shooliniuniversity.com		8894008485												
Pankaj Raizada		Faculty		Female		pankajraizada@shooliniuniversity.com		9418235023												
Divya Mittal		Student		Female		divyamittal@shooliniuniversity.com		7018303146												
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201811016144</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201811016144	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>141000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	141000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	201811016144																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
141000																				
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Swati Pundir		Student		Female		swatipundir@shooliniuniversity.com		7018581748												

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Co-Innovator										Anti-leishmaniasis extract from root of Asparagus officinalis and method thereof											
Name		Type		Gender		Email		Contact													
Neeraj Mahindroo		Faculty		Male		neeraj.mahindroo@shooliniuniversity.com		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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 6145</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 6145	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>141000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	141000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1101 6145																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
141000																					
Principal Innovator										Power exo-skeleton											
Name		Type		Gender		Email		Contact													
Swati Pundir		Student		Female		swatipundir@shooliniuniversity.com		7018581748													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Neeraj Mahindroo		Faculty		Male		neeraj.mahindroo@shooliniuniversity.com		9816017554													
Raman Preet Singh		Faculty		Male		ramanpreet@shooliniuniversity.com		7018581748													
Poonam Negi		Faculty		Female		poonam.546@shooliniuniversity.com		8054918093													

## 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/Incubation 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/Innovations 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?																																								
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>306242</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	306242	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>90000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	90000	No	No																														
IP / Patented Technology																																																		
Applied for Patent	Yes																																																	
Patent Application No	306242																																																	
Year of Patent Application	2018																																																	
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90000																																																		
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Principal Innovator																																																		
Name	Type	Gender	Email	Contact																																														
Robin Thakur	Faculty	Male	robinthakur@shooliniuniversity.com	8894373150																																														
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Nitin Rana</td> <td>Faculty</td> <td>Male</td> <td>nitinrana@shooliniuniversity.com</td> <td>8894373150</td> </tr> <tr> <td>Anil Kumar</td> <td>Faculty</td> <td>Male</td> <td>anilkumar@shooliniuniversity.com</td> <td>7018508569</td> </tr> <tr> <td>Varun Bhola</td> <td>Student</td> <td>Male</td> <td>varunbhola@shooliniuniversity.com</td> <td>8894373150</td> </tr> <tr> <td>Nabin Kumar Sheet</td> <td>Student</td> <td>Male</td> <td>nabinkumar@shooliniuniversity.com</td> <td>8894373150</td> </tr> <tr> <td>Vikrant</td> <td>Student</td> <td>Male</td> <td>vikrant@shooliniuniversity.com</td> <td>8894373150</td> </tr> <tr> <td>Sunil Kumar</td> <td>Faculty</td> <td>Male</td> <td>sunilkumar@shooliniuniversity.com</td> <td>8894373150</td> </tr> </tbody> </table>										Co-Innovator					Name	Type	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	A method for extraction of essential oil extract from pleurospermum brunonis and uses thereof
Co-Innovator																																																		
Name	Type	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																																														

**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/Incubation 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/Innovations 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?																			
Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 8065</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8065	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>146000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	146000	No	No									
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1101 8065																												
Year of Patent Application	2018																												
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146000																													
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Anuradha Sourirajan</td> <td>Faculty</td> <td>Female</td> <td>anuradha@shooliniuniversity.com</td> <td>9805645534</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534										
Name	Type	Gender	Email	Contact																									
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534																									
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Kamal Dev</td> <td>Faculty</td> <td>Male</td> <td>kamaldev@shooliniuniversity.com</td> <td>9418653905</td> </tr> <tr> <td>Prakriti Nidhi</td> <td>Student</td> <td>Female</td> <td>prakritinidhi@shooliniuniversity.com</td> <td>9805645534</td> </tr> <tr> <td>Rajan Rolta</td> <td>Student</td> <td>Male</td> <td>rajanrolta@shooliniuniversity.com</td> <td>9805645534</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905	Prakriti Nidhi	Student	Female	prakritinidhi@shooliniuniversity.com	9805645534	Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.com	9805645534
Name	Type	Gender	Email	Contact																									
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																									
Prakriti Nidhi	Student	Female	prakritinidhi@shooliniuniversity.com	9805645534																									
Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.com	9805645534																									
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>3052 16</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	3052 16	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>70000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	70000	No	No	Induction based apparatus for chemical synthesis								
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	3052 16																												
Year of Patent Application	2018																												
Yes																													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																													
70000																													

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

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Principal Innovator																					
Name		Type		Gender		Email		Contact													
Deepak Kumar		Faculty		Male		deepakkumar@shooliniuniversity.com		7033443126													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Raman Preet Singh		Faculty		Male		ramanpreet@shooliniuniversity.com		7033443126													
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>305215</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	305215	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>70000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	70000	No	No	Screw turbine efficiency measuring instrument
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	305215																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
70000																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Robin Thakur		Faculty		Male		robinsampark.thakur@gmail.com		8894373150			Air-impingement jets										
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Kamal Kashyap		Student		Male		kamalkashyap@shooliniuniversity.com		8894373150													
Anil Kumar		Faculty		Male		anilkumar@shooliniuniversity.com		7018508569													
Nitin Kumar		Faculty		Male		nitin.me@shooliniuniversity.com		9459691817													

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

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Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	
				Applied for Patent	Yes					
				Patent Application No	305217					
				Year of Patent Application	2018					
				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
90000										
Principal Innovator										
Name			Type		Gender		Email		Contact	
Nitin Kumar			Faculty		Male		nitin.me@shooliniuniversity.com		9736331930	
Co-Innovator										
Name			Type		Gender		Email		Contact	
Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
Ankit Thakur			Student		Male		ankithakur@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 / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	
				Applied for Patent	Yes					
				Patent Application No	201811017745					
				Year of Patent Application	2018					
				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
136000										

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

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Principal Innovator																						
Name		Type		Gender		Email		Contact														
Pardeep Singh		Faculty		Male		pardeepsingh@shooliniuniversity.com		7018303146														
Co-Innovator																						
Name		Type		Gender		Email		Contact														
Adesh K. Saini		Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238														
Pooja Shandilya		Faculty		Female		poojashandilya@shooliniuniversity.com		8894008485														
Pankaj Raizada		Faculty		Female		pankajraizada@shooliniuniversity.com		9418235023														
Divya Mittal		Student		Female		divyamittal@shooliniuniversity.com		7018303146														
Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201811018237</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>		IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201811018237	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>116000</td></tr></table>		Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	116000	No	No
IP / Patented Technology																						
Applied for Patent	Yes																					
Patent Application No	201811018237																					
Year of Patent Application	2018																					
Yes																						
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																						
116000																						
Principal Innovator																						
Name		Type		Gender		Email		Contact														
Pankaj Kumar Chauhan		Faculty		Male		pkchauhan@shooliniuniversity.com		9736957022														

Green synthesized process for zinc oxide nanoparticles using a plant extract of murraya koengii and its

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<div>Co-Innovator</div> <table><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td colspan="2">Avinash</td><td>Student</td><td>Male</td><td>avinash@shooliniuniversity.com</td><td>9736957022</td></tr><tr><td colspan="2">Rupak Nagraik</td><td>Faculty</td><td>Male</td><td>rupaknagraik@shooliniuniversity.com</td><td>7018858252</td></tr><tr><td colspan="2">Somesh Sharma</td><td>Faculty</td><td>Male</td><td>someshsharma@shooliniuniversity.com</td><td>7018171525</td></tr></table>										Name		Type	Gender	Email	Contact	Avinash		Student	Male	avinash@shooliniuniversity.com	9736957022	Rupak Nagraik		Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252	Somesh Sharma		Faculty	Male	someshsharma@shooliniuniversity.com	7018171525	Structure for hydrodynamic and thermal performance of blockage arrangements roughened solar air passage
Name		Type	Gender	Email	Contact																													
Avinash		Student	Male	avinash@shooliniuniversity.com	9736957022																													
Rupak Nagraik		Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252																													
Somesh Sharma		Faculty	Male	someshsharma@shooliniuniversity.com	7018171525																													
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 8235</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8235	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>126000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No														
IP / Patented Technology																																		
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126000																																		
<div>Principal Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Anil Kumar</td><td>Faculty</td><td>Male</td><td>anilkumar@shooliniuniversity.com</td><td>8894175292</td></tr></table>										Name	Type	Gender	Email	Contact	Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292	Synthesis of magnetically separable graphitic carbon nitride based photocatalyst and methods thereof														
Name	Type	Gender	Email	Contact																														
Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292																														
<div>Co-Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Robin Thakur</td><td>Faculty</td><td>Male</td><td>robinsampark.thakur@gmail.com</td><td>8894373150</td></tr><tr><td>Amar Raj Singh Suri</td><td>Faculty</td><td>Male</td><td>amarrajsingh@shooliniuniversity.com</td><td>9882310780</td></tr><tr><td>Raj Kumar</td><td>Faculty</td><td>Male</td><td>raj.me@shooliniuniversity.com</td><td>7018322627</td></tr></table>										Name	Type	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				
Name	Type	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																														



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

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Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 8238</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8238	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>126000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No	A method for purification and characterization of versatile peroxidase (hybrid peroxidase) from wild trametes versicolor								
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1101 8238																												
Year of Patent Application	2018																												
Yes																													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																													
126000																													
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Pankaj Raizada</td> <td>Faculty</td> <td>Female</td> <td>pankajraizada@shooliniuniversity.com</td> <td>8278743410</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	8278743410										
Name	Type	Gender	Email	Contact																									
Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	8278743410																									
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Anita Sudhaik</td> <td>Student</td> <td>Female</td> <td>anitasudhaik@shooliniuniversity.com</td> <td>8278743410</td> </tr> <tr> <td>Adesh K. Saini</td> <td>Faculty</td> <td>Male</td> <td>adeshsaini@shooliniuniversity.com</td> <td>8988205238</td> </tr> <tr> <td>Pardeep Singh</td> <td>Faculty</td> <td>Male</td> <td>pardeepsingh@shooliniuniversity.com</td> <td>9459316882</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Anita Sudhaik	Student	Female	anitasudhaik@shooliniuniversity.com	8278743410	Adesh K. Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238	Pardeep Singh	Faculty	Male	pardeepsingh@shooliniuniversity.com	9459316882
Name	Type	Gender	Email	Contact																									
Anita Sudhaik	Student	Female	anitasudhaik@shooliniuniversity.com	8278743410																									
Adesh K. Saini	Faculty	Male	adeshsaini@shooliniuniversity.com	8988205238																									
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 8377</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8377	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>56000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	56000	No	No									
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1101 8377																												
Year of Patent Application	2018																												
Yes																													
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56000																													

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Principal Innovator																				
Name		Type		Gender		Email		Contact												
Astha Tripathi		Faculty		Female		asthatripathi@shooliniuniversity.com		9218718312												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Neha Thakur		Student		Male		nehathakur@shooliniuniversity.com		9218718312												
FIST Sponsored Proteomics Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 8597</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8597	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>146000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	146000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1101 8597																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
146000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Garima Bisht		Student		Female		garimabisht@shooliniuniversity.com		9418653905												
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534												
Vikas Kumar		Faculty		Male		vikas.phd@shooliniuniversity.com		9459527906												

A psychrohalophilic rhodanellum psychrophilum strain gl8 and pigments thereof

Natural liquid herbicide and method thereof

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/Incubation 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/Innovations 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?																					
Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 9023</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 9023	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>131000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No											
IP / Patented Technology																															
Applied for Patent	Yes																														
Patent Application No	2018 1101 9023																														
Year of Patent Application	2018																														
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																															
131000																															
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Saurabh Kulshreshtha</td><td>Faculty</td><td>Male</td><td>saurabhkulshreshtha@shooliniuniversity.com</td><td>9459241393</td></tr></table>											Name	Type	Gender	Email	Contact	Saurabh Kulshreshtha	Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9459241393											
Name	Type	Gender	Email	Contact																											
Saurabh Kulshreshtha	Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9459241393																											
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Mamta Sharma</td><td>Faculty</td><td>Female</td><td>mamtasharma@shooliniuniversity.com</td><td>9805330803</td></tr><tr><td>Sheetal Choudhary</td><td>Student</td><td>Female</td><td>sheetalchoudhary@shooliniuniversity.com</td><td>9459241393</td></tr><tr><td>Shriya</td><td>Student</td><td>Female</td><td>shriya@shooliniuniversity.com</td><td>9459241393</td></tr></table>											Name	Type	Gender	Email	Contact	Mamta Sharma	Faculty	Female	mamtasharma@shooliniuniversity.com	9805330803	Sheetal Choudhary	Student	Female	sheetalchoudhary@shooliniuniversity.com	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
Name	Type	Gender	Email	Contact																											
Mamta Sharma	Faculty	Female	mamtasharma@shooliniuniversity.com	9805330803																											
Sheetal Choudhary	Student	Female	sheetalchoudhary@shooliniuniversity.com	9459241393																											
Shriya	Student	Female	shriya@shooliniuniversity.com	9459241393																											

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Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 8239</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8239	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>101000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1101 8239																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
101000																					
<b>Principal Innovator</b>																					
Name			Type		Gender		Email		Contact												
Azhar Khan			Faculty		Male		azharkhan@shooliniuniversity.com		9459269791												
<b>Co-Innovator</b>																					
Name			Type		Gender		Email		Contact												
Huma Khan			Student		Female		humakhan@shooliniuniversity.com		9459269791												
Varun Jaiswal			Faculty		Male		varun.505@shooliniuniversity.com		9736490104												
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>3062 43</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	3062 43	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>40000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	40000	No	No	Hydraulic load carrier
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	3062 43																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
40000																					

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Principal Innovator										Energy efficient process for extraction of cellulose from pine needles bio-waste										
Name					Type		Gender		Email		Contact									
Ankit Thakur					Student		Male		ankitthakur@shooliniuniversity.com		7018322627									
Co-Innovator																				
Name					Type		Gender		Email		Contact									
Selam Lokanath					Student		Male		selamlokanath@shooliniuniversity.com		7018322627									
Sandeep Sharma					Student		Male		sandeepsharma@shooliniuniversity.com		7018322627									
Mayuri Vasmatkar					Student		Female		mayurivasmatkar@shooliniuniversity.com		7018322627									
B.S.R. Sai Vithal					Student		Male		bsrsaivithal@shooliniuniversity.com		7018322627									
C.Narasimha Reddy					Student		Male		c.narasimhareddy@shooliniuniversity.com		7018322627									
Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 9305</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 9305	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>91000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	91000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1101 9305																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
91000																				
Principal Innovator																				
Name					Type		Gender		Email		Contact									
Neeraj Gupta					Faculty		Male		neeraj.gupta@shooliniuniversity.com		8894211891									

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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No																								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																							
					Patent Application No			306244																										
					Year of Patent Application			2018																										
					45000																													
					<b>Principal Innovator</b>																													
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Anil Kumar</td> <td>Faculty</td> <td>Male</td> <td>anilkumar@shooliniuniversity.com</td> <td>8894175292</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292										
					Name			Type			Gender	Email	Contact																					
					Anil Kumar			Faculty			Male	anilkumar@shooliniuniversity.com	8894175292																					
					<b>Co-Innovator</b>																													
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Amar Raj Singh Suri</td> <td>Faculty</td> <td>Male</td> <td>amarrajsingh@shooliniuniversity.com</td> <td>9882310780</td> </tr> <tr> <td>Robin Thakur</td> <td>Faculty</td> <td>Male</td> <td>robinsampark.thakur@gmail.com</td> <td>8894373150</td> </tr> <tr> <td>Chaduvula Narasimha Reddy</td> <td>Student</td> <td>Male</td> <td>c.narasimhareddy@shooliniuniversity.com</td> <td>8894175292</td> </tr> <tr> <td>B.S.R. Sai Vithal</td> <td>Student</td> <td>Male</td> <td>bsrsaivithal@shooliniuniversity.com</td> <td>8894175292</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Amar Raj Singh Suri	Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780	Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150	Chaduvula Narasimha Reddy	Student	Male	c.narasimhareddy@shooliniuniversity.com	8894175292	B.S.R. Sai Vithal	Student	Male	bsrsaivithal@shooliniuniversity.com	8894175292
Name	Type	Gender	Email	Contact																														
Amar Raj Singh Suri	Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780																														
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Chaduvula Narasimha Reddy	Student	Male	c.narasimhareddy@shooliniuniversity.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

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/Incubation 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/Innovations 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?											
Roundtube heat-exchanger	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>306245</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	306245	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>40000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	40000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	306245																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
40000																					
<div>Principal Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Anil Kumar</td> <td>Faculty</td> <td>Male</td> <td>anilkumar@shooliniuniversity.com</td> <td>8894175292</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292	
Name	Type	Gender	Email	Contact																	
Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	8894175292																	
Low cost and eco-friendly process for production of biodiesel from biowaste	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>201811019763</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201811019763	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>101000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	201811019763																				
Year of Patent Application	2018																				
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Name	Type	Gender	Email	Contact																	
Saurabh Kulshreshtha	Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9459241393																	

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Co-Innovator										Novel neuro-protective molecule										
Name		Type		Gender		Email		Contact												
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	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1101 9919</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No		2018 1101 9919	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>141000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	141000	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1101 9919																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
141000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
Rohit Goyal		Faculty		Male		rohitgoyal@shooliniuniversity.com		9816062679		A nanocomposite electrochemical biosensor system and uses thereof										
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Poonam Kumari		Student		Female		poonamkumari@shooliniuniversity.com		9816062679												
Vikas Sharma		Student		Male		vikassharma@shooliniuniversity.com		9816062679												
K. L. Dhar		Student		Male		kldhar@shooliniuniversity.com		9816062679												



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Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 0547</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 0547	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>136000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No									
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1102 0547																												
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136000																													
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ankur Kaushal</td> <td>Faculty</td> <td>Male</td> <td>ankurkaushal@shooliniuniversity.com</td> <td>9882546292</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Ankur Kaushal	Faculty	Male	ankurkaushal@shooliniuniversity.com	9882546292										
Name	Type	Gender	Email	Contact																									
Ankur Kaushal	Faculty	Male	ankurkaushal@shooliniuniversity.com	9882546292																									
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Rupak Nagraik</td> <td>Faculty</td> <td>Male</td> <td>rupaknagraik@shooliniuniversity.com</td> <td>7018858252</td> </tr> <tr> <td>Dinesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>dineshkumar@shooliniuniversity.com</td> <td>9816321855</td> </tr> <tr> <td>Shagun Gupta</td> <td>Faculty</td> <td>Female</td> <td>shagungupta@shooliniuniversity.com</td> <td>8629878797</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Rupak Nagraik	Faculty	Male	rupaknagraik@shooliniuniversity.com	7018858252	Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855	Shagun Gupta	Faculty	Female	shagungupta@shooliniuniversity.com	8629878797
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Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 0548</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 0548	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>126000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No	A system of car cabin suffocation remover and methods thereof								
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1102 0548																												
Year of Patent Application	2018																												
Yes																													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																													
126000																													

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<b>Principal Innovator</b>										Modified stator and rotor design of three phase synchronous motor										
Name		Type		Gender		Email		Contact												
Bhaskar Goel		Faculty		Male		bhaskargoel@shooliniuniversity.com		9416264981												
<b>Co-Innovator</b>										Modified stator and rotor design of three phase synchronous motor										
Name		Type		Gender		Email		Contact												
Nipun Batis		Student		Male		nipunbatis@yahoo.com		9416264981												
Koushik Das Sharma		Faculty		Male		kdsarma@gmail.com		9416264981												
Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>306246</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	306246	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>125000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	125000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	306246																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
125000																				
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Raj Kumar Saini		Faculty		Male		rksaini@shooliniuniversity.com		9418730373												

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<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Neeraj Gandotra</td><td>Faculty</td><td>Male</td><td>neerajgandotra@shooliniuniversity.com</td><td>9218301016</td></tr><tr><td>Namita Saini</td><td>Student</td><td>Female</td><td>namitasaini@shooliniuniversity.com</td><td>9418730373</td></tr><tr><td>Shashank Thapa</td><td>Faculty</td><td>Male</td><td>sushank.537@shooliniuniversity.com</td><td>8894687446</td></tr></table>										Name	Type	Gender	Email	Contact	Neeraj Gandotra	Faculty	Male	neerajgandotra@shooliniuniversity.com	9218301016	Namita Saini	Student	Female	namitasaini@shooliniuniversity.com	9418730373	Shashank Thapa	Faculty	Male	sushank.537@shooliniuniversity.com	8894687446	Hidden hydraulic runway and methods thereof
Name	Type	Gender	Email	Contact																										
Neeraj Gandotra	Faculty	Male	neerajgandotra@shooliniuniversity.com	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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1102 0549</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 0549	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>131000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No										
IP / Patented Technology																														
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131000																														
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Sorabh Aggarwal</td><td>Faculty</td><td>Male</td><td>sorabhaggarwal@shooliniuniversity.com</td><td>7009924762</td></tr></table>										Name	Type	Gender	Email	Contact	Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	7009924762											
Name	Type	Gender	Email	Contact																										
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	7009924762																										

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<b>Co-Innovator</b>										A strict-halophilic salinicoccus roseus strain gl34 and pigments thereof										
Name		Type		Gender		Email		Contact												
Mohit Kapoor		Student		Male		mohitkapoor@shooliniuniversity.com		7009924762												
Dipansh Kandoria		Student		Male		dipanshkandoria@shooliniuniversity.com		7009924762												
Akansh		Student		Male		akansh@shooliniuniversity.com		7009924762												
Chandan Panwar		Student		Male		chandanpanwar@shooliniuniversity.com		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	2018	<table><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201811021212</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201811021212	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>126000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	201811021212																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
126000																				
<b>Principal Innovator</b>										A Drug delivery system of carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid) or ZnO-Ag nanocomposite and methods thereof										
Name		Type		Gender		Email		Contact												
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905												
<b>Co-Innovator</b>										A Drug delivery system of carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid) or ZnO-Ag nanocomposite and methods thereof										
Name		Type		Gender		Email		Contact												
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534												
Garima Bisht		Student		Female		garimabisht@shooliniuniversity.com		9418653905												

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Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 1414</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 1414	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>                     Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)                 </td> </tr> <tr> <td>126000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No																				
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Co-Innovator																																																		
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Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 2737</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 2737	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>66000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	66000	No	No	Biological fluids Bioanalytical method for simultaneous estimation of Saxagliptin and Glimepiride in
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1102 2737																				
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Central Instrumentation Facility	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 2580</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 2580	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>116000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	116000	No	No	
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<b>Principal Innovator</b>										Rapid process for the synthesis of 5-hydroxymethyl furfural											
Name					Type		Gender		Email		Contact										
Navneet Kumar Upadhyay					Faculty		Male		NKupadhyay@shooliniuniversity.com		9805581371										
<b>Co-Innovator</b>																					
Name					Type		Gender		Email		Contact										
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 2583</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No		2018 1102 2583	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>81000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	81000	No	No
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Name					Type		Gender		Email		Contact										
Neeraj Gupta					Faculty		Male		neerajgupta@shooliniuniversity.com		88942118911										



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SMOKE AND TEMPERATURE SENSOR SYSTEM FOR CONTROL EXHAUST FAN AND KITCHEN CHIMNEY	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<div>IP / Patented Technology</div> <div> <div>Applied for Patent</div> <div>Yes</div> </div> <div> <div>Patent Application No</div> <div>2018 1102 2929</div> </div> <div> <div>Year of Patent Application</div> <div>2018</div> </div>	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>56000</div>	No	No																		
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					Name			Type			Gender	Email	Contact															
Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108																								
A SYSTEM OF POWER SUPPLY FOR COMPUTER DESKTOP CPU WITH BACKUP	Cyberoam Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<div>IP / Patented Technology</div> <div> <div>Applied for Patent</div> <div>Yes</div> </div> <div> <div>Patent Application No</div> <div>2018 1102 2930</div> </div> <div> <div>Year of Patent Application</div> <div>2018</div> </div>	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>56000</div>	No																			
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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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 2928</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 2928	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>76000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	76000	No									
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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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No																				
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																			
					Patent Application No			2018 1102 3694																						
					Year of Patent Application			2018																						
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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No									
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)								
					Patent Application No			307954											
					Year of Patent Application			2018											
													40000						
					<b>Principal Innovator</b>														
					Name			Type			Gender			Email		Contact			
					Sorabh Aggarwal			Faculty			Male			sorabhaggarwal@shooliniuniversity.com		7009924762			
					<b>Co-Innovator</b>														
					Name			Type			Gender			Email		Contact			
Deepika Sharma		Student		Female		deepikasharma@shooliniuniversity.com		7009924762											
Narasimha Reddy		Student		Male		narasimhareddy@shooliniuniversity.com		7009924762											
Swati		Student		Female		swati@shooliniuniversity.com		7009924762											
Susmitha K		Student		Female		susmitha@shooliniuniversity.com		7009924762											
Sundar M		Student		Male		sundar@shooliniuniversity.com		7009924762											

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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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 8255</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 8255	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>76000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	76000	No	No									
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UNIVERSAL ALLEN KEY	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
					Patent Application No			2018 1102 8253			91000						
					Year of Patent Application			2018									
					<b>Principal Innovator</b>												
					Name						Type	Gender	Email	Contact			
					Sorabh Aggarwal						Faculty	Male	sorabhaggarwal@shooliniuniversity.com	7009924762			
					<b>Co-Innovator</b>												
					Name						Type	Gender	Email	Contact			
					Narasimha Reddy						Student	Male	c.narasimha@shooliniuniversity.com	7009924762			
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POLYPHENOLIC COMPOUND PYCNOGENOL FROM PINUS PINASTER TARGET ANGIOTENSIN TYPE 1 RECEPTOR A PROMISING BLOOD PRESSURE REGULATOR	Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No																				
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					Patent Application No			2018 1102 8256			121000																			
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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
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					Patent Application No			307955										
					Year of Patent Application			2018										
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Amar Raj Singh Suri						Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Anil Kumar						Faculty	Male	anilkumar@shooliniuniversity.com	7018508569				
Robin Thakur					Faculty	Male	robinsampark.thakur@gmail.com	8894373150										
Neeraj Chandel					Student	Male	neerajchandel@shooliniuniversity.com	9882310780										

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A method for Dielectric relaxation in BaCaTiO <sub>3</sub> material for multilayer ceramic capacitor	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No																				
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																			
					Patent Application No			2018 1103 0271			121000																			
					Year of Patent Application			2018																						
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A METHOD FOR CULTIVATION OF WILD IRPEX LACTEUS FUNGI	Mycology Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes						
					Patent Application No	201811031009						
					Year of Patent Application	2018						
					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		-		
	GREEN SYNTHESIZED TiO2 NANOFUID FOR ENHANCED THERMAL STORAGE CAPACITY OF (CH2OH)2	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	201811031209					
						Year of Patent Application	2018					
						Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
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	<b>Principal Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439								
	<b>Co-Innovator</b>																	
	Name			Type		Gender		Email		Contact								
	Ankush Chauhan			Student		Male		ankushchauhan@shooliniuniversity.com		-								
	Ritesh Verma			Student		Male		riteshverma@shooliniuniversity.com		-								
	Allah Dekama Jara			Student		Male		allahdekama@shooliniuniversity.com		-								
	Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118								
	NANO BIOSENSOR BASED HANDHELD DEVICE FOR DETECTION OF GENTIOPIROSIDE AND METHOD THEREOF	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No						
						Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)								
						Patent Application No	2018 1103 2607											
Year of Patent Application						2018	141000											
<b>Principal Innovator</b>																		
Name						Type				Gender			Email		Contact			
Ankur Kaushal						Faculty				Male			ankurkaushal@shooliniuniversity.com		9882546292			

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	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Chandrika Attri			Faculty		Female		chandrikaseth@shooliniuniversity.com		9817251637		
	Amit Seth			Faculty		Male		amitseth@shooliniuniversity.com		9459037197		
	Shagun Gupta			Faculty		Female		shagungupta@shooliniuniversity.com		8629878797		
	Vidhushi Dhasmana			Student		Female		vidhushidhasmana@shooliniuniversity.com		-		
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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No	201811033049						
					Year of Patent Application	2018			116000			
	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439		

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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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 3051</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 3051	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>                     Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)                       86000                 </td> <td></td> </tr> </tbody> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  86000			No								
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A METHOD FOR FABRICATION OF DIRECT Z-SCHEME PHOTOCATALYST FOR WATER PURIFICATION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes						
					Patent Application No	201811033393						
					Year of Patent Application	2018						
	Principal Innovator											
	Name				Type		Gender	Email	Contact			
	Pankaj Raizada				Faculty		Female	pankajraizada@shooliniuniversity.com	8278743410			
	Co-Innovator											
	Name				Type		Gender	Email	Contact			
	Anita Sudhaik				Student		Female	anitasudhaik@shooliniuniversity.com	-			
	Pardeep Singh				Faculty		Male	pardeepsingh@shooliniuniversity.com	9459316882			
	A System Of CONVERTING BIOI INTO MAGNETIC PHOTOCATALYST FOR WASTEWATER TREATMENT	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	201811033394					
						Year of Patent Application	2018					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)												
115100												



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	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	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1103 3392</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 3392	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><th>Yes</th></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>121000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	121000	No	No													
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	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Anita Sudhaik			Student		Female		anitasudhaik@shooliniuniversity.com		-
	Adesh K.Saini			Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238
	Pardeep Singh			Faculty		Male		pardeepsingh@shooliniuniversity.com		9459316882
ANTIMICROBIAL EFFICACY AND SYNTHESIS OF BIOGENIC ZINC OXIDE NANOPARTICLES USING A PLANT EXTRACT OF WILD HIMALAYAN FICUS PALMATA	Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	
					Applied for Patent	Yes				
					Patent Application No	201811046522				
					Year of Patent Application	2018				
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)					
	121000									
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Pankaj Kumar Chauhan			Faculty		Male		pkchauhan@shooliniuniversity.com		9736957022
	<b>Co-Innovator</b>									
Name			Type		Gender		Email		Contact	
Avinash			Student		Male		avinash@shooliniuniversity.com		-	
Rupak Nagraik			Faculty		Male		rupaknagraik@shooliniuniversity.com		7018858252	
Somesh Sharma			Faculty		Male		someshsharma@shooliniuniversity.com		7018171525	

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A METHOD FOR PRETREATMENT OF AGRO-INDUSTRIAL LIGNOCELLULOSIC WASTE BIOMASS TO PRODUCE FERMENTABLE REDUCING SUGARS FOR USE IN BIOFUEL PRODUCTION	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No										
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)									
					Patent Application No			2018 1103 4499												
					Year of Patent Application			2018				86000								
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Name	Type	Gender	Email	Contact																
Karan Surya	Student	Male	karansurya@shooliniuniversity.com	-																
A METHOD FOR IMPROVING PHOTOCATALYTIC ACTIVITY OF BIOBr FOR PHENOL DEGRADATION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No										
					Applied for Patent	Yes		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)												
					Patent Application No	2018 1103 5175														
					Year of Patent Application	2018			91000											

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	Dielectric relaxation in BaMgTiO <sub>3</sub> material synthesized by hydrothermal method	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<b>IP / Patented Technology</b> <table border="1"> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 5173</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>		Applied for Patent	Yes	Patent Application No	2018 1103 5173	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<b>Yes</b> <table border="1"> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>121000</td> </tr> </tbody> </table>	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	121000	No	No					
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PROTOTYPE OF NATURAL MODE INDIRECT SOLAR DRYER FOR DRYING OF GINGER (ZINGIBER OFFICINALE) IN HIMALAYAN REGION	<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shweta Thakur</td> <td>Student</td> <td>Female</td> <td>shwetathakur@shooliniuniversity.com</td> <td>-</td> </tr> <tr> <td>Radheshyam Rai</td> <td>Faculty</td> <td>Male</td> <td>radheshyam@shooliniuniversity.com</td> <td>8521588056</td> </tr> <tr> <td>Rajesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>rajeshsharma@shooliniuniversity.com</td> <td>9817108446</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Shweta Thakur	Student	Female	shwetathakur@shooliniuniversity.com	-	Radheshyam Rai	Faculty	Male	radheshyam@shooliniuniversity.com	8521588056	Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	9817108446
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Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 5172</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 5172	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>91000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	91000	No	No										
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A SYSTEM OF ARTIFICIAL NEURAL NETWORK MODEL FOR PRECISE ESTIMATION OF GLOBAL SOLAR RADIATION	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No															
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)														
					Patent Application No			2018 1103 6457																	
					Year of Patent Application			2018																	
												86000													
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Name	Type	Gender	Email	Contact																					
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Rajeev Kumar Aggarwal	Student	Male	rajeevkumar@shooliniuniversity.com	-																					
AN OINTMENT FOR WOUND HEALING CONSISTS OF HYDRO ALCOHOLIC EXTRACT OF MORINGA OLEIFERA SEEDS	Molecular Plant Microbe Interaction Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 5 : Large scale prototype tested in intended environment.	Yes	No	No															
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)														
					Patent Application No			2018 1103 6458																	
					Year of Patent Application			2018																	
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	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Prakrati Garg			Student		Female		prakriti417@gmail.com		9805021437		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Aaliya Ali			Student		Female		aaliyaali@shooliniuniversity.com		-		
	Saurabh Kulshreshtha			Faculty		Male		sourabhkulshreshtha@shooliniuniversity.com		9459241393		
	Rohit Goyal			Faculty		Male		rohitgoyal@shooliniuniversity.com		9816062679		
	Azhar Khan			Faculty		Male		azharkhan@shooliniuniversity.com		9459269791		
	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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No
Applied for Patent						Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)					
Patent Application No						201811036456	81000					
Year of Patent Application						2018						
<b>Principal Innovator</b>												
Name			Type		Gender		Email		Contact			
Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439			

**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/Incubation 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/Innovations 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?	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Ritesh Verma			Student		Male		riteshverma@shooliniuniversity.com		-	
	Rajeev Kumar Aggarwal			Student		Male		rajeevkumar@shooliniuniversity.com		-	
NANOSCALE RESTRAINT OF POLAR COUPLING IN Ba0.85Mg0.15TiO3 RELAXOR FERRO ELECTRIC	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201811036624					
					Year of Patent Application	2018					
			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)								
	106000										
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118		
<b>Co-Innovator</b>											
Name			Type		Gender		Email		Contact		
Radheshyam Rai			Faculty		Male		radheshyam@shooliniuniversity.com		8521588056		
Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439		
Poonam Kumari			Student		Female		poonamkumari@shooliniuniversity.com		-		
Ritesh Varma			Student		Male		riteshverma@shooliniuniversity.com		-		



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NOVEL Ag BASED HETEROJUNCTIONED NANOCATALYST FOR WASTEWATER PURIFICATION	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201811038018					
					Year of Patent Application	2018					
	Principal Innovator										
	Name				Type		Gender	Email	Contact		
	Pankaj Raizada				Faculty		Female	pankajraizada@shooliniuniversity.com	8278743410		
	Co-Innovator										
	Name				Type		Gender	Email	Contact		
	Anita Sudhaik				Student		Female	anitasudhaik@shooliniuniversity.com	-		
Pardeep Singh				Faculty		Male	pardeepsingh@shooliniuniversity.com	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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
					Patent Application No	201811038020					
					Year of Patent Application	2018					
									116000		

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	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Pardeep Singh			Faculty		Male		pardeepsingh@shooliniuniversity.com		7018303146		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Pankaj Raizada			Faculty		Female		pankajraizada@shooliniuniversity.com		9418235023		
	Anita Sudhaik			Student		Female		anitasudhaik@shooliniuniversity.com		-		
	Reena Saini			Faculty		Female		reenasaini@shooliniuniversity.com		8894568244		
	Pankaj Thakur			Faculty		Male		chempank@gmail.com		9816266489		
	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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No
Applied for Patent						Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)					
					Patent Application No	201811038017			126000			
	<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact			
Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118			

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Radheshyam Rai			Faculty		Male		radheshyam@shooliniuniversity.com		8521588056	
	Steven J.Milne			Innovator/Entrepreneur External to Institute		Male		steven@shooliniuniversity.com		-	
	Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		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	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201811038014					
					Year of Patent Application	2018					
	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)										
	106000										
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		8894175292	
	<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact		
Deshmukh Kiran Prakash Rao			Student		Male		deshmukh@shooliniuniversity.com		-		
Robin Thakur			Faculty		Male		robinsampark.thakur@gmail.com		8894373150		
Amar Raj Singh Suri			Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780		
Sunil Kumar			Faculty		Male		sunilkumar@shooliniuniversity.com		8894373150		

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A Method for Low temperatures synthesis of Ba <sub>0.85</sub> Ca <sub>0.15</sub> Zr <sub>0.05</sub> Ti <sub>0.95</sub> O <sub>3</sub> 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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2018 1103 8019										
					Year of Patent Application			2018										
					121000													
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Mamta Shandilya						Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
Radheshyam Rai					Faculty	Male	radheshyam@shooliniuniversity.com	8521588056										
Rajesh Kumar					Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988										
Madan Lal					Innovator/Entrepreneur External to Institute	Male	-	-										
Sapna					Student	Female	sapna@shooliniuniversity.com	-										

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ANTI-DRUG BAND	Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 8015</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 8015	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>106000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	106000	No	No														
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<table border="1"> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Abhilash Pathania</td> <td>Faculty</td> <td>Male</td> <td>abhilashpathania@shooliniuniversity.com</td> <td>9418503057</td> </tr> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Abhilash Pathania	Faculty	Male	abhilashpathania@shooliniuniversity.com	9418503057										
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<table border="1"> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Adit Rana</td> <td>Faculty</td> <td>Male</td> <td>aditrana@shooliniuniversity.com</td> <td>8679741043</td> </tr> <tr> <td>Raj Kumar</td> <td>Faculty</td> <td>Male</td> <td>raj.me@shooliniuniversity.com</td> <td>9418739373</td> </tr> <tr> <td>Ranjeet Thakur</td> <td>Student</td> <td>Male</td> <td>ranjeetthakur@shooliniuniversity.com</td> <td>-</td> </tr> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Adit Rana	Faculty	Male	aditrana@shooliniuniversity.com	8679741043	Raj Kumar	Faculty	Male	raj.me@shooliniuniversity.com	9418739373	Ranjeet Thakur	Student	Male	ranjeetthakur@shooliniuniversity.com	-
Co-Innovator																																			
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Adit Rana	Faculty	Male	aditrana@shooliniuniversity.com	8679741043																															
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Improved wound healing topical composition of thymoquinone	Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No																			
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																		
					Patent Application No			2018 1104 3353																					
					Year of Patent Application			2018																					
					126000																								
					<b>Principal Innovator</b>																								
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Poonam Negi</td> <td>Faculty</td> <td>Female</td> <td>poonam.546@shooliniuniversity.com</td> <td>8219477820</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Poonam Negi	Faculty	Female	poonam.546@shooliniuniversity.com	8219477820					
					Name			Type			Gender	Email	Contact																
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					<b>Co-Innovator</b>																								
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Gulshan Sharma</td> <td>Student</td> <td>Male</td> <td>gulshansharma@shooliniuniversity.com</td> <td>-</td> </tr> <tr> <td>Chetna Verma</td> <td>Student</td> <td>Female</td> <td>chetnaverma@shooliniuniversity.com</td> <td>-</td> </tr> <tr> <td>Uma Ranjan Lal</td> <td>Student</td> <td>Male</td> <td>umaranjan@shooliniuniversity.com</td> <td>-</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Gulshan Sharma	Student	Male	gulshansharma@shooliniuniversity.com	-	Chetna Verma	Student	Female	chetnaverma@shooliniuniversity.com	-	Uma Ranjan Lal	Student	Male	umaranjan@shooliniuniversity.com	-
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Gulshan Sharma	Student	Male	gulshansharma@shooliniuniversity.com	-																									
Chetna Verma	Student	Female	chetnaverma@shooliniuniversity.com	-																									
Uma Ranjan Lal	Student	Male	umaranjan@shooliniuniversity.com	-																									

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Smart anti-cancer nanogel	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 3892</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 3892	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>136000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No									
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Principal Innovator																														
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Poonam Negi	Faculty	Female	poonam.546@shooliniuniversity.com	8054918093																										
<table border="1"> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Deepak Pathania</td> <td>Faculty</td> <td>Male</td> <td>deepakpathania@shooliniuniversity.com</td> <td>9805440648</td> </tr> <tr> <td>Chetna Verma</td> <td>Student</td> <td>Female</td> <td>chetnaverma@shooliniuniversity.com</td> <td>-</td> </tr> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Deepak Pathania	Faculty	Male	deepakpathania@shooliniuniversity.com	9805440648	Chetna Verma	Student	Female	chetnaverma@shooliniuniversity.com	-
Co-Innovator																														
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Deepak Pathania	Faculty	Male	deepakpathania@shooliniuniversity.com	9805440648																										
Chetna Verma	Student	Female	chetnaverma@shooliniuniversity.com	-																										
GREEN STOVE	High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>3127 87- 001</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	3127 87- 001	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>30000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	30000	No	No									
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Applied for Patent	Yes																													
Patent Application No	3127 87- 001																													
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30000																														

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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/Incubation 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/Innovations 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?															
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	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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 5728</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 5728	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tbody> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>111000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No			
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	Name	Type	Gender	Email	Contact																									
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	Anuradha Sourirajan	Faculty	Female	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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 5727</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 5727	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>101000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	No									
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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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2018 1104 5729										
					Year of Patent Application			2018										
					126000													
					Principal Innovator													
					Name						Type	Gender	Email	Contact				
					Saurabh Kulshrestha						Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9625033405				
					Co-Innovator													
					Name						Type	Gender	Email	Contact				
Ankush Chauhan					Student	Male	ankushchauhan@shooliniuniversity.com	-										
Swati					Student	Female	swati@shooliniuniversity.com	-										
Ritesh Verma					Student	Male	riteshverma@shooliniuniversity.com	-										
Mamta Shandilya					Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118										
Rajesh Kumar					Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988										

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A METHOD TO DEVELOP ELEPHANT FOOT YAM (Amorphophallus Paeoniifolius) ENRICHMENT ON WHEAT FLOUR CAKE	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent			Yes		
					Patent Application No			201811045880		
					Year of Patent Application			2018		
Principal Innovator										
Name				Type		Gender		Email		Contact
Ravinder Kaushik				Faculty		Male		ravinder@shooliniuniversity.com		9416962729
Co-Innovator										
Name				Type		Gender		Email		Contact
Anuj Saklani				Student		Male		anujsaklani@shooliniuniversity.com		-
THERMO-PHOTOVOLTAIC SYSTEM	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent			Yes		
					Patent Application No			312788		
					Year of Patent Application			2018		

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	Ashwani Sharma	Faculty	Male	ashwanisharma@shooliniuniversity.com	-																														
	MULTIPURPOSE SPANNER	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<div>IP / Patented Technology</div> <table border="1"> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>312786</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>		Applied for Patent	Yes	Patent Application No	312786	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>35000</div>	No	No																	
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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Bhaskar Goel			Faculty		Male		bhaskargoel@shooliniuniversity.com		9459019515	
	Sundar			Student		Male		sundar@shooliniuniversity.com		-	
	Susmitha			Student		Female		susmitha@shooliniuniversity.com		-	
	Swati			Student		Female		swati@shooliniuniversity.com		-	
	Deepika Sharma			Student		Female		deepikasharma@shooliniuniversity.com		-	
IONISED FILTERED COMPRESSED AIR TYPE VINEGAR GENERATING APPARATUS	Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201811045881					
					Year of Patent Application	2018					
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
111000											
<b>Principal Innovator</b>											
Name				Type		Gender		Email		Contact	
Somesh Sharma				Faculty		Male		someshsharma@shooliniuniversity.com		9418023062	

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	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Adit Rana			Student		Male		aditrana@shooliniuniversity.com		8679741043		
	Raj Kumar			Faculty		Male		raj.me@shooliniuniversity.com		9418611506		
	Abhilash Pathania			Faculty		Male		abhilashpathania@shooliniuniversity.com		8091330001		
Novel heterogeneous catalyst for conversion of carbohydrates to 5-hydroxymethyl furfural and Method thereof	Centre of Organic Chemistry	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No	201811046503			116000			
					Year of Patent Application	2018						
	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Neeraj Gupta			Faculty		Male		neerajgupta@shooliniuniversity.com		8894211891		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Purva Devi			Student		Female		purvadevi@shooliniuniversity.com		-		
Sadhana Sharma			Student		Female		sadhanasharma@shooliniuniversity.com		-			
Kanchan Sharma			Student		Female		kanchansharma@shooliniuniversity.com		-			

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Process for the green synthesis of zinc nanoparticles using Bergenia ciliata rhizome extract	Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent			Yes		
					Patent Application No			201811047746		
					Year of Patent Application			2018		
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			121000		
Principal Innovator										
Name				Type		Gender		Email		Contact
Pankaj Chauhan				Faculty		Male		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 PORTABLE, HYGIENIC AND EFFICIENT RAW MILK DISPENSING	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
Applied for Patent	Yes									
Patent Application No	201811048475									
Year of Patent Application	2018									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	106000									

**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/Incubation 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/Innovations 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?											
	<b>Principal Innovator</b>																				
	Name		Type		Gender		Email		Contact												
	Meenakshi Nayyer		Faculty		Female		meenakshinayyer@shooliniuniversity.com		9882294710												
	<b>Co-Innovator</b>																				
	Name		Type		Gender		Email		Contact												
	Brij Bhushan		Faculty		Male		brijbhushan@shooliniuniversity.com		9882292949												
	Amit Nayyer		Student		Male		amitnayyer@shooliniuniversity.com		-												
	<b>A WIRELESS VIBRATION DETECTION UNIT AND USES THEREOF</b>																				
	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 8474</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 8474	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <th>Yes</th> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>106000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	106000	No	No
	IP / Patented Technology																				
Applied for Patent	Yes																				
Patent Application No	2018 1104 8474																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
106000																					
<b>Principal Innovator</b>																					
Name		Type		Gender		Email		Contact													
Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8219393854													



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	Arshdeep Singh	Student	Male	-	-																														
	Abhishek Aggarwal	Student	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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>201811049035</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201811049035	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>131000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No														
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		Name	Type	Gender	Email	Contact																													
		Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118																													
Ritesh Verma		Student	Male	riteshverma@shooliniuniversity.com	-																														
Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	9418235023																															

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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2018 1104 9036										
					Year of Patent Application			2018										
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Rajesh Sharma						Faculty	Male	rajeshsharma@shooliniuniversity.com	8219200439				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Sapna Thakur						Student	Female	sapnathakur@shooliniuniversity.com	-				
Mamta Shandilya					Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118										
Shweta Thakur					Student	Female	shwetathakur@shooliniuniversity.com	-										
Ankush Chauhan					Student	Male	ankushchauhan@shooliniuniversity.com	-										

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NANOFERRITES FOR MEMORY STORAGE	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 9037</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 9037	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>146000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	146000	No	No														
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<table border="1"> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Rajesh Sharma</td> <td>Faculty</td> <td>Male</td> <td>rajeshsharma@shooliniuniversity.com</td> <td>8219200439</td> </tr> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Rajesh Sharma	Faculty	Male	rajeshsharma@shooliniuniversity.com	8219200439										
Principal Innovator																																			
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Rajesh Sharma	Faculty	Male	rajeshsharma@shooliniuniversity.com	8219200439																															
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Co-Innovator																																			
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Rohit Jasrotia	Student	Male	rohitjasrotia@shooliniuniversity.com	-																															
Virender Partap Singh	Faculty	Male	virenderpratap@shooliniuniversity.com	9816714076																															
Mahavir Singh	Student	Male	-	-																															

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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2018 1104 9475										
					Year of Patent Application			2018										
					121000													
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Pardeep Singh						Faculty	Male	pardeepsingh@shooliniuniversity.com	7018303146				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
Vishal Dutta					Student	Male	-	-										
Sheetal Sharma					Student	Female	-	-										
Pankaj Raizada					Faculty	Female	pankajraizada@shooliniuniversity.com	9418235023										

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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	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			313480										
					Year of Patent Application			2018										
					110000													
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Anil Kumar						Faculty	Male	anilkumar@shooliniuniversity.com	8894175292				
					<b>Co-Innovator</b>													
					Name						Type	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.com	9418081988										
Pankaj Thakur					Faculty	Male	chempank@gmail.com	9816266489										

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A method for improving biosynthesis of phytochemicals and antioxidant potential in plants	Plant Physiology Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 9888</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 9888	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>76000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	76000	No	No
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Name	Type	Gender	Email	Contact																	
Rachna Verma	Faculty	Female	rachnaverma@shooliniuniversity.com	9816291543																	
A BIOSENSOR FOR DETECTING SALMONELLA AND PROCESS OF producing the same	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 9887</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 9887	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>131000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	
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Co-Innovator											A METHOD FOR SLOW CAPSULE DESICCANT PROFILE FOR RE-ENTRY AND TRAJECTORY TRACING
Name		Type		Gender		Email		Contact			
Kritika Saini		Student		Female		-		-			
Ankur Kaushal		Student		Male		-		-			
Dinesh Kumar		Faculty		Male		dineshkumar@shooliniuniversity.com		9816321855			
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
				Applie d for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)			
				Patent Applica tion No	2018 1104 9886						
				Year of Patent Applica tion	2018			101000			
Principal Innovator											
Name		Type		Gender		Email		Contact			
Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8219393854			
Co-Innovator											ANTIFUNGAL COMPOSITION PREPARED FROM ESSENTIAL OIL OF LEAVES OF CITRUS PSEUDOLIMON AND BIOAVAILABILITY ENHANCER OF ANTIFUNGAL ANTIBIOTICS
Name		Type		Gender		Email		Contact			
Raj Kumar		Faculty		Male		raj.me@shooliniuniversity.com		9816508460			

**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/Incubation 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/Innovations 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?																			
Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1104 9881</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1104 9881	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>131000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No									
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1104 9881																												
Year of Patent Application	2018																												
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131000																													
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Prakriti Nidhi</td> <td>Student</td> <td>Female</td> <td>prakritinidhi934@gmail.com</td> <td>9882844537</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Prakriti Nidhi	Student	Female	prakritinidhi934@gmail.com	9882844537										
Name	Type	Gender	Email	Contact																									
Prakriti Nidhi	Student	Female	prakritinidhi934@gmail.com	9882844537																									
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ruchi Kumari</td> <td>Student</td> <td>Female</td> <td>-</td> <td>-</td> </tr> <tr> <td>Kamal Dev</td> <td>Faculty</td> <td>Male</td> <td>kamaldev@shooliniuniversity.com</td> <td>9418653905</td> </tr> <tr> <td>Anuradha Sourirajan</td> <td>Faculty</td> <td>Female</td> <td>anuradha@shooliniuniversity.com</td> <td>9805645534</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Ruchi Kumari	Student	Female	-	-	Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905	Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534
Name	Type	Gender	Email	Contact																									
Ruchi Kumari	Student	Female	-	-																									
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																									
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534																									
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1105 0133</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0133	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>106000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	106000	No	No	Iron Oxide NANOPARTICLES, IRON OXIDE-CELLULOSE NANOCOMPOSITE AND METHOD OF PRODUCING THEREOF								
IP / Patented Technology																													
Applied for Patent	Yes																												
Patent Application No	2018 1105 0133																												
Year of Patent Application	2018																												
Yes																													
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<b>Principal Innovator</b>										<b>ZINC OXIDE NANOPARTICLES AND METHOD OF PRODUCING THE SAME</b>											
Name		Type		Gender		Email		Contact													
Mamta Shandilya		Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118													
<b>Co-Innovator</b>																					
Name		Type		Gender		Email		Contact													
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1105 0057</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No		2018 1105 0057	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>136000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1105 0057																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
136000																					
<b>Principal Innovator</b>																					
Name		Type		Gender		Email		Contact													
Rajesh Sharma		Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439													

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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/Incubation 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/Innovations 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											
Name		Type		Gender		Email		Contact			
Ankush Chauhan		Student		Male		-		-			
Mamta Shandilya		Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118			
Sapna Thakur		Student		Female		-		-			
Susham Chauhan		Student		Male		-		-			
Pankaj Thakur		Faculty		Male		chempank@gmail.com		9816266489			
Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<div>IP / Patented Technology</div> <div><div>Applied for Patent</div><div>Yes</div></div> <div><div>Patent Application No</div><div>201811050064</div></div> <div><div>Year of Patent Application</div><div>2018</div></div>		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>136000</div>		No	No
Principal Innovator											
Name		Type		Gender		Email		Contact			
Pankaj Raizada		Faculty		Female		pankajraizada@shooliniuniversity.com		8278743410			

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Name	Type	Gender	Email	Contact																										
Vasudha Hasija	Student	Female	-	-																										
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th></tr> <tr> <td>Applied for Patent</td><td>Yes</td></tr> <tr> <td>Patent Application No</td><td>2018 1105 0058</td></tr> <tr> <td>Year of Patent Application</td><td>2018</td></tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0058	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>131000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No										
IP / Patented Technology																														
Applied for Patent	Yes																													
Patent Application No	2018 1105 0058																													
Year of Patent Application	2018																													
Yes																														
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<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Pardeep Singh</td> <td>Faculty</td> <td>Male</td> <td>pardeepsingh@shooliniuniversity.com</td> <td>7018303146</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Pardeep Singh	Faculty	Male	pardeepsingh@shooliniuniversity.com	7018303146											
Name	Type	Gender	Email	Contact																										
Pardeep Singh	Faculty	Male	pardeepsingh@shooliniuniversity.com	7018303146																										
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sheetal Sharma</td> <td>Student</td> <td>Female</td> <td>-</td> <td>-</td> </tr> <tr> <td>Vishal Dutta</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Pankaj Raizada</td> <td>Faculty</td> <td>Female</td> <td>pankajraizada@shooliniuniversity.com</td> <td>9418235023</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Sheetal Sharma	Student	Female	-	-	Vishal Dutta	Student	Male	-	-	Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	9418235023
Name	Type	Gender	Email	Contact																										
Sheetal Sharma	Student	Female	-	-																										
Vishal Dutta	Student	Male	-	-																										
Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	9418235023																										
										Bioactive immunoboosting fractions From extracts of pine needles bio-waste and method thereof																				

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Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No		
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
				Patent Application No			2018 1105 0079				
				Year of Patent Application			2018				
				136000							
Principal Innovator											
Name		Type		Gender		Email		Contact			
Reena Vohra Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244			
Co-Innovator											Biosynthesis of bimetallic Nanoparticles of silver and copper using Stephania glabra alcoholic extract
Name		Type		Gender		Email		Contact			
Adesh K Saini		Faculty		Male		reenasaini@shooliniuniversity.com		8988205238			
Reena Kumari		Student		Female		-		-			
Henok G Azalework		Student		Male		-		-			
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No		
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
				Patent Application No			2018 1105 0086				
				Year of Patent Application			2018				
				136000							

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<b>Principal Innovator</b>										SYNTHESIS OF SILVER SUBSTITUTED Mg-Mn NANO FERRITES FOR APPLICATION IN RECORDING MEDIA										
Name		Type		Gender		Email		Contact												
Reena V Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244												
<b>Co-Innovator</b>																				
Name		Type		Gender		Email		Contact												
Adesh K Saini		Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238												
Eshu S Sinha		Student		Female		-		-												
Prachi Vaid		Student		Female		-		-												
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th></tr> <tr> <td>Applied for Patent</td><td>Yes</td></tr> <tr> <td>Patent Application No</td><td>2018 1104 9897</td></tr> <tr> <td>Year of Patent Application</td><td>2018</td></tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No		2018 1104 9897	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td></tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr> <td>126000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1104 9897																			
Year of Patent Application	2018																			
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126000																				
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Rajesh Kumar		Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439												

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<div>Co-Innovator</div> <table><tr><td colspan="2">Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td colspan="2">Rohit Jasrotia</td><td>Student</td><td>Male</td><td>-</td><td>-</td></tr><tr><td colspan="2">Virender Pratap Singh</td><td>Faculty</td><td>Male</td><td>virenderpratap@shooliniuniversity.com</td><td>9816714076</td></tr><tr><td colspan="2">Mahavir Singh</td><td>Student</td><td>Male</td><td>-</td><td>-</td></tr></table>										Name		Type	Gender	Email	Contact	Rohit Jasrotia		Student	Male	-	-	Virender Pratap Singh		Faculty	Male	virenderpratap@shooliniuniversity.com	9816714076	Mahavir Singh		Student	Male	-	-	Synthesis of silver doped Strontium W type nanohexferrites for magnetic recording application
Name		Type	Gender	Email	Contact																													
Rohit Jasrotia		Student	Male	-	-																													
Virender Pratap Singh		Faculty	Male	virenderpratap@shooliniuniversity.com	9816714076																													
Mahavir Singh		Student	Male	-	-																													
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1105 0121</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0121	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>126000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No														
IP / Patented Technology																																		
Applied for Patent	Yes																																	
Patent Application No	2018 1105 0121																																	
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																																		
126000																																		
<div>Principal Innovator</div> <table><tr><td colspan="2">Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td colspan="2">Rajesh Kumar</td><td>Faculty</td><td>Male</td><td>rajeshsharma@shooliniuniversity.com</td><td>8219200439</td></tr></table>										Name		Type	Gender	Email	Contact	Rajesh Kumar		Faculty	Male	rajeshsharma@shooliniuniversity.com	8219200439	A SYNTHESIS OF LEAD FREE K0.5Na0.5NbO3 CERAMICS AT LOW SINTERING TEMPERATURE												
Name		Type	Gender	Email	Contact																													
Rajesh Kumar		Faculty	Male	rajeshsharma@shooliniuniversity.com	8219200439																													
<div>Co-Innovator</div> <table><tr><td colspan="2">Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td colspan="2">Rohit Jasrotia</td><td>Student</td><td>Male</td><td>-</td><td>-</td></tr><tr><td colspan="2">Virender Pratap Singh</td><td>Faculty</td><td>Male</td><td>virenderpratap@shooliniuniversity.com</td><td>9816714076</td></tr><tr><td colspan="2">Mahavir Singh</td><td>Student</td><td>Male</td><td>-</td><td>-</td></tr></table>										Name		Type	Gender	Email	Contact	Rohit Jasrotia		Student	Male	-	-	Virender Pratap Singh		Faculty	Male	virenderpratap@shooliniuniversity.com	9816714076	Mahavir Singh		Student	Male	-	-	
Name		Type	Gender	Email	Contact																													
Rohit Jasrotia		Student	Male	-	-																													
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**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

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IP / Patented Technology																																													
Applied for Patent	Yes																																												
Patent Application No	2018 1105 0120																																												
Year of Patent Application	2018																																												
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<table border="1"> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Mamta Shandilya</td> <td>Faculty</td> <td>Female</td> <td>mamtashandilya@shooliniuniversity.com</td> <td>9857166118</td> </tr> </table>										Principal Innovator					Name	Type	Gender	Email	Contact	Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118																					
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Co-Innovator																																													
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Shammi Kumar	Student	Female	-	-																																									
Ankush Chauhan	Student	Male	-	-																																									
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Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1105 0123</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0123	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>111000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No	<div> <b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Gaurav Gupta</td> <td>Faculty</td> <td>Male</td> <td>gaurav@shooliniuniversity.com</td> <td>9817452559</td> </tr> </tbody> </table> </div> <div> <b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shaurya Bahuguna</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Nimish Kappal</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Manik Sharma</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> </tbody> </table> </div> <div> A METHOD FOR OPTIMIZATION OF CUTTING FORCE MEASURING MACHINE WITH IMPROVED TOPOLOGY </div>	Name	Type	Gender	Email	Contact	Gaurav Gupta	Faculty	Male	gaurav@shooliniuniversity.com	9817452559	Name	Type	Gender	Email	Contact	Shaurya Bahuguna	Student	Male	-	-	Nimish Kappal	Student	Male	-	-	Manik Sharma	Student	Male	-	-
IP / Patented Technology																																																			
Applied for Patent	Yes																																																		
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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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1105 0124</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0124	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>111000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No																															
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Principal Innovator																				
Name		Type		Gender		Email		Contact												
Shashank Thapa		Faculty		Male		shushank.537@shooliniuniversity.com		8894687446												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Anuj Kumar Chauhan		Student		Male		-		-												
Shafaqat Iqbal		Student		Male		-		-												
Pradipta Kumar Baral		Student		Male		-		-												
A. Deva Divyan		Student		Male		-		-												
Navendu Nanda		Student		Male		-		-												
Aditya Sharma		Student		Male		-		-												
Fruit and Vegetable Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1105 0122</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0122	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>101000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1105 0122																			
Year of Patent Application	2018																			
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
101000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
Somesh Sharma		Faculty		Male		someshsharma@shooliniuniversity.com		9418023062												

**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/incubatio n support and the services offered by Pre-incubation/incubatio n or institute during the financial period 2018-19?										
Co-Innovator										SMART ENGINE IMMOBILISE CONTROL SYSTEM AGAINST UNLICENSED AND WITHOUT HELMET RIDERS OF TWO WHEELERS										
Name		Type		Gender		Email		Contact												
Rajat Singh		Student		Male		-		-												
Pankaj Chauhan		Faculty		Male		pkchauhan@shooliniuniversity.com		9736957022												
Center of Excellence in Automobile Engineering	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><th>IP / Patented Technology</th><td></td></tr><tr><td>Applie d for Patent</td><td>Yes</td></tr><tr><td>Patent Applica tion No</td><td>201911001085</td></tr><tr><td>Year of Patent Applica tion</td><td>2019</td></tr></table>	IP / Patented Technology		Applie d for Patent	Yes	Patent Applica tion No	201911001085	Year of Patent Applica tion	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)</td></tr><tr><td>111000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	111000	No	No
IP / Patented Technology																				
Applie d for Patent	Yes																			
Patent Applica tion No	201911001085																			
Year of Patent Applica tion	2019																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)																				
111000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8679741043												
Co-Innovator										A METHOD FOR ACHIEVING MIRROR FINISH ON MONO-CRYSTALLINE GERMANIUM DISC										
Name		Type		Gender		Email		Contact												
Saikat Ghosh		Student		Male		-		-												
Arshdeep Singh		Student		Male		-		-												
Prashant Katuwal		Student		Male		-		-												
Chanra Shekhar Aazad		Student		Male		-		-												
Raj Kumar		Faculty		Male		raj.me@shooliniuniversity.com		9816481695												

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

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Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No			
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	
				Patent Application No			2019 1100 1086					
				Year of Patent Application			2019					116000
				Principal Innovator								
Name		Type	Gender	Email	Contact							
Bhaskar Goel		Faculty	Male	bhaskargoel@shooliniuniversity.com	9416264981							
Co-Innovator										SOL GEL SYNTHESIZED BARIUM M TYPE HEXAGONAL FERRITES FOR HIGH DENSITY RECORDING MEDIA APPLICATION		
Name		Type	Gender	Email	Contact							
Sorabh Aggarwal		Faculty	Male	sorabhaggarwal@shooliniuniversity.com	9041996541							
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No			
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	
				Patent Application No			2019 1100 1088					
				Year of Patent Application			2019			126000		

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Principal Innovator										
Name		Type		Gender		Email		Contact		
Rajesh Kumar		Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439		
Co-Innovator										
Name		Type		Gender		Email		Contact		
Rohit Jasrotia		Student		Male		-		-		
Virender Pratap Singh		Faculty		Male		virenderpratap@shooliniuniversity.com		9816714076		
Mahavir Singh		Student		-		-		-		
Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<div>IP / Patented Technology</div> <div>Applied for Patent</div> <div>Yes</div> <div>Patent Application No</div> <div>2019 1100 1087</div> <div>Year of Patent Application</div> <div>2019</div>		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>96000</div>	No	No
Principal Innovator										
Name		Type		Gender		Email		Contact		
Ashwani Kumar		Faculty		Male		ashwanisharma@shooliniuniversity.com		9805665771		

A SYSTEM AND PROCESS FOR MITIGATION OF CHROMATIC DISPERSION

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

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<b>Co-Innovator</b>										<b>UNIVERSAL SPANNER APPARATUS AND USES THEREOF</b>	
Name		Type		Gender		Email		Contact			
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	<div>IP / Patented Technology</div> <div> <div>Applied for Patent</div> <div>Yes</div> </div> <div> <div>Patent Application No</div> <div>2019 1100 1702</div> </div> <div> <div>Year of Patent Application</div> <div>2019</div> </div>	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>131000</div> </div>	No	No		
<b>Principal Innovator</b>											
Name		Type		Gender		Email		Contact			
Sorabh Aggarwal		Faculty		Male		sorabhaggarwal@shooliniuniversity.com		7009924762			

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/Incubation 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/Innovations 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?																																			
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Name	Type	Gender	Email	Contact																					
Devika Rana	Faculty	Female	devika@shooliniuniversity.com	9418653376																					
Neeraj Mahindroo	Faculty	Male	neeraj.mahindroo@shooliniuniversity.com	9816017554																					
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Name	Type	Gender	Email	Contact																					
Mamta Sharma	Faculty	Female	MamtaSharma@shooliniuniversity.com	7018578162																					
Vortex-Pool Turbine Equipment	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>3142 67</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	3142 67	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No				
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	Nanofluid Flow Measuring Kit	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>315053-001</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	315053-001	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tbody> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No													
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	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 / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div><div>Yes</div><div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div><div>91000</div></div> <div>No</div> <div>No</div>																															
					Applied for Patent	Yes																																		
					Patent Application No	201911005095																																		
					Year of Patent Application	2019																																		
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	Pardeep Kumar		Faculty	Male	pradeepkumar@shooliniuniversity.com	9459514137																																		
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COMBINED MIX OF CEMENT MORTAR DUST AND FLY ASH AS FILLER IN BITUMINOUS CONCRETE MIX AND METHODS THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent			Yes		
					Patent Application No			2019 1100 5094		
					Year of Patent Application			2019		
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			91000		
Principal Innovator										
Name				Type		Gender		Email		Contact
Sanjay Garg				Faculty		Male		sanjaygarg@shooliniuniversity.com		8894143300
Co-Innovator										
Name				Type		Gender		Email		Contact
Abhishek Vatsi				Student		Male		-		-
BAMBOO REINFORCED CONCRETE MATERIAL AND USES THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent			Yes		
					Patent Application No			2019 1100 5093		
					Year of Patent Application			2019		
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			86000		

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A COMPOSITION AND METHOD OF MANUFACTURING OF CLAY BRICKS USING WOOD SAW DUST ASH	<b>Principal Innovator</b>												
	Name				Type	Gender	Email	Contact					
	Raman				Student	Male	raman@shooliniuniversity.com	9041996541					
	<b>Co-Innovator</b>												
	Name				Type	Gender	Email	Contact					
	Vivek Thakur				Student	Male	-	-					
	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<div>IP / Patented Technology</div> <div>Applied for Patent</div> <div>Patent Application No</div> <div>Year of Patent Application</div>	Yes	201911005096	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>86000</div>	No	No
	<b>Principal Innovator</b>												
	Name				Type	Gender	Email	Contact					
	P.L. Goel				Faculty	Male	plgoel@shooliniuniversity.com	9815335217					
<b>Co-Innovator</b>													
Name				Type	Gender	Email	Contact						
Prakritee Rana				Student	Female	-	-						

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Sterilization and Incubation Chamber	Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes						
					Patent Application No	314823						
					Year of Patent Application	2019						
	Principal Innovator											
	Name				Type		Gender	Email		Contact		
	Rupak Nagraik				Faculty		Male	rupaknagraik@shooliniuniversity.com		9625986962		
	Co-Innovator											
	Name				Type		Gender	Email		Contact		
	Kartik Chauhan				Student		Male	-		-		
	Air Purification Device	Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
	Applied for Patent		Yes									
	Patent Application No		314824									
	Year of Patent Application		2019									
										Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
									35000			

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

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	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Sourabh Kulshreshtha			Faculty		Male		sourabhkulshreshtha@shooliniuniversity.com		9625033405		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Pratibha Thakur			Student		Female		-		-		
	Keshav Kumar			Student		Male		-		-		
	Ishan Sharma			Student		Male		-		-		
	Parveen Chauhan			Student		Male		-		-		
	Kartik Chauhan			Student		Male		-		-		
	Sankhajit Pramanik			Student		Male		-		-		
	PORTABLE ELECTRONIC DEVICE FOR QUICK DETECTION OF THE FOOD POISONING MICROBE Listeria monocytogenes USING BIOSENSOR	Biosensor Technology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	201911005723					
						Year of Patent Application	2019					
<b>Principal Innovator</b>												
Name			Type		Gender		Email		Contact			
Ankur Kaushal			Faculty		Male		ankurkushal@shooliniuniversity.com		9882546292			

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	Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855																									
HEAT EXCHANGER NANOFLUIDS AND METHODS THEREOF	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology Applied for Patent Patent Application No Year of Patent Application	Yes 2019 11005560 2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 101000	No	No																			
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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2019 1100 5559										
					Year of Patent Application			2019										
					96000													
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Anil Kumar						Faculty	Male	anilkumar@shooliniuniversity.com	8894175292				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
Robin Thakur					Faculty	Male	robinsampark.thakur@gmail.com	8894373150										
Sunil Kumar					Faculty	Male	sunilkumar.me13@shooliniuniversity.com	8196808140										
Kamal Kashyap					Student	Male	-	-										

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A NOVEL STERILIZATION AND INCUBATION CHAMBER	Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent			Yes			
					Patent Application No			2019 1100 5622			
					Year of Patent Application			2019			
	Principal Innovator										
	Name				Type		Gender		Email		Contact
	Rupak Nagraik				Faculty		Male		rupaknagraik@shooliniuniversity.com		7018858252
	Co-Innovator										
	Name				Type		Gender		Email		Contact
	Kartik Chauhan				Student		Male		-		-
MATERIALS TO ENHANCE THE EFFICIENCY OF SOLAR RECEIVER IN CONCENTRATED SOLAR POWER PLANT (CSP)	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent			Yes			
					Patent Application No			2019 1100 5623			
					Year of Patent Application			2019			



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	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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1100 7198</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1100 7198	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>136000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No																		
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	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Shweta Thakur			Student		Female		-		-		
	Amit Mahajan			Student		Male		-		-		
	Poonam Kumari			Student		Female		-		-		
	Radheshyam Rai			Faculty		Male		radheshyam@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 / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
					Applie d for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Applica tion No	2019 1100 7200			116000			
					Year of Patent Applica tion	2019						
	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Mamta Sandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Shweta Thakur			Student		Female		-		-		

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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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1100 8270</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1100 8270	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>                     Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) </td> </tr> <tr> <td>136000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No																			
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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2019 1100 8271										
					Year of Patent Application			2019										
					131000													
					<b>Principal Innovator</b>													
					Name						Type	Gender	Email	Contact				
					Rachna Verma						Faculty	Female	rachnaverma@shooliniuniversity.com	9816291543				
					<b>Co-Innovator</b>													
					Name						Type	Gender	Email	Contact				
Ashwani Tapwal					Student	Male	-	-										
Dinesh Kumar					Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855										
Sunil Puri					Faculty	Male	sunilpuri@shooliniuniversity.com	9816011680										

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

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COMPOSITE PHOTOCATALYST FOR TREATMENT OF WATER POLLUTED WITH ORGANIC DYES AND METHOD THEREOF	Photocatalysis Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes						
					Patent Application No	201911009449						
					Year of Patent Application	2019						
	Principal Innovator											
	Name				Type		Gender		Email		Contact	
	Pankaj Raizada				Faculty		Female		pankajraizada@shooliniuniversity.com		8278743410	
	Co-Innovator											
	Name				Type		Gender		Email		Contact	
	Kirti Sharma				Student		Female		-		-	
	Pardeep Singh				Faculty		Male		pardeepsingh@shooliniuniversity.com		9459316882	
	A SYNERGISTIC ANTI-FUNGAL COMPOSITION OF ESSENTIAL OIL EXTRACTED FROM NEEDLES OF JUNIPERUS COMMUNIS WITH ANTIBIOTICS FOR TREATING CANDIDIASIS	Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	201911010808					
Year of Patent Application						2019						

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	Name	Type	Gender	Email	Contact																									
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	Name	Type	Gender	Email	Contact																									
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	Rajan Rolta	Student	Male	-	-																									
	Anuradha Sourirajan	Faculty	Female	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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>316063</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	316063	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tbody> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No								
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<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shubham Verma</td> <td>Faculty</td> <td>Male</td> <td>shubhamverma@shooliniuniversity.com</td> <td>8988348204</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Shubham Verma	Faculty	Male	shubhamverma@shooliniuniversity.com	8988348204											
Name	Type	Gender	Email	Contact																										
Shubham Verma	Faculty	Male	shubhamverma@shooliniuniversity.com	8988348204																										

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Sunil Kumar			Faculty		Male		sunilkumar.me13@shooliniuniversity.com		9418514678	
	Robin Thakur			Faculty		Male		robinsampark.thakur@gmail.com		8894373150	
	Amar Raj Singh Suri			Faculty		Male		amarrajsingh@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
					Patent Application No	316064			32500		
					Year of Patent Application	2019					
<b>Principal Innovator</b>											
Name				Type		Gender		Email		Contact	
Anil Kumar				Faculty		Male		anilkumar@shooliniuniversity.com		8894175292	

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	Name			Type		Gender		Email		Contact	
	Mamta Sharma			Faculty		Female		mamtasharma@shooliniuniversity.com		9805330803	
	Rajesh Kumar			Faculty		Male		rajesh.su611@shooliniuniversity.com		-	
	Robin Thakur			Faculty		Male		robinsampark.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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  32500	No	No
					Applied for Patent	Yes					
					Patent Application No	316068					
					Year of Patent Application	2019					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Sunil Kumar			Faculty		Male		sunikumar@shooliniuniversity.com		9418514678	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7833984985	
Robin Thakur			Faculty		Male		robinsampark.thakur@gmail.com		8894373150		
Amar Raj Singh Suri			Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780		



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Solar Water Heater with Storage	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>316070</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	316070	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No									
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Co-Innovator																														
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Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150																										
Sunil Kumar	Faculty	Male	sunilkumar.me13@shooliniuniversity.com	9418514678																										
Solar Equipment to Extract Substances from Plants	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>316069</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	316069	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No									
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<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Pankaj Raizada</td> <td>Faculty</td> <td>Female</td> <td>pankajraizada@shooliniuniversity.com</td> <td>8278743410</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Pankaj Raizada	Faculty	Female	pankajraizada@shooliniuniversity.com	8278743410											
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	<b>Co-Innovator</b>																
	Name		Type		Gender		Email		Contact								
	Prachi Thakur		Student		Female		-		-								
	Vasudha Hasija		Student		Female		-		-								
	Pardeep Singh		Faculty		Male		pardeepsingh@shooliniuniversity.com		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		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  115100	No	No						
					Applied for Patent	Yes											
					Patent Application No	2019 1101 2293											
					Year of Patent Application	2019											
<b>Principal Innovator</b>																	
Name		Type		Gender		Email		Contact									
Robin Thakur		Faculty		Male		robinthakur@shooliniuniversity.com		8894373150									

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Nitin Rana			Student		Male		-		-	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Sunil Kumar			Faculty		Male		sunilkumar.me13@shooliniuniversity.com		9418514678	
	Varun Bhola			Student		Male		-		-	
	Nabeen Kumar			Student		Male		-		-	
	Vikrant Garg			Student		Male		-		-	
	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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No
Applied for Patent						Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)				
Patent Application No						2019 1101 2292					
Year of Patent Application						2019					
120100											
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Saurabh Kulshreshtha			Faculty		Male		saurabhkulshreshtha@shooliniuniversity.com		9459241393		

**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/Incubation 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/Innovations 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?											
	<b>Co-Innovator</b>																				
	Name			Type		Gender		Email		Contact											
	Ankush Chauhan			Student		Male		-		-											
	Swati			Student		Female		-		-											
	Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		9418081988											
	Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118											
	Sonu			Student		Male		-		-											
	Vikrant Sharma			Student		Male		-		-											
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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201911012291</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201911012291	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>100000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	201911012291																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
100000																					
<b>Principal Innovator</b>																					
Name				Type		Gender		Email		Contact											
Pankaj Raizada				Faculty		Female		pankajraizada@shooliniuniversity.com		8278743410											

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	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Vasudha Hasija			Student		Female		-		-		
	Pardeep Singh			Faculty		Male		pardeepsingh@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
					Applie d for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)			
					Patent Applica tion No	3161 97			35000			
					Year of Patent Applica tion	2019						
	<b>Principal Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Abhilash Pathania			Faculty		Male		abhilashpathania@shooliniuniversity.com		8091330001		
	<b>Co-Innovator</b>											
	Name			Type		Gender		Email		Contact		
	Sorabh Agarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541		
	Boddu Satya Rama Sai Vithal			Student		Male		-		-		

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

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FLEXI PVC CUTTER	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>316198</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	316198	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>35000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	35000	No	No				
IP / Patented Technology																									
Applied for Patent	Yes																								
Patent Application No	316198																								
Year of Patent Application	2019																								
Yes																									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																									
35000																									
<div>Principal Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Bhaskar Goel</td> <td>Faculty</td> <td>Male</td> <td>bhaskargoel@shooliniuniversity.com</td> <td>9459019515</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Bhaskar Goel	Faculty	Male	bhaskargoel@shooliniuniversity.com	9459019515					
Name	Type	Gender	Email	Contact																					
Bhaskar Goel	Faculty	Male	bhaskargoel@shooliniuniversity.com	9459019515																					
<div>Co-Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sorabh Aggarwal</td> <td>Faculty</td> <td>Male</td> <td>sorabhaggarwal@shooliniuniversity.com</td> <td>9041996541</td> </tr> <tr> <td>C. Narasimha Reddy</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	9041996541	C. Narasimha Reddy	Student	Male	-	-
Name	Type	Gender	Email	Contact																					
Sorabh Aggarwal	Faculty	Male	sorabhaggarwal@shooliniuniversity.com	9041996541																					
C. Narasimha Reddy	Student	Male	-	-																					
A SYSTEM FOR COMPENSATION OF DISPERSION IN OPTICAL FIBRE COMMUNICATION AT HIGHER DATA RATE OF 100GBPS OVER A LONGER DISTANCE OF 120KM	High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>201911010808</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	201911010808	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>101000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	No				
IP / Patented Technology																									
Applied for Patent	Yes																								
Patent Application No	201911010808																								
Year of Patent Application	2019																								
Yes																									
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101000																									

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	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ashwani Kumar</td> <td>Faculty</td> <td>Male</td> <td>ashwanisharma@shooliniuniversity.com</td> <td>9805665771</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Ashwani Kumar	Faculty	Male	ashwanisharma@shooliniuniversity.com	9805665771										
	Name	Type	Gender	Email	Contact																									
	Ashwani Kumar	Faculty	Male	ashwanisharma@shooliniuniversity.com	9805665771																									
	<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shalini Sharma</td> <td>Student</td> <td>Female</td> <td>-</td> <td>-</td> </tr> <tr> <td>Robin Thakur</td> <td>Faculty</td> <td>Male</td> <td>robinsampark.thakur@gmail.com</td> <td>8894373150</td> </tr> <tr> <td>R.P. Dwivedi</td> <td>Faculty</td> <td>Male</td> <td>rpdwivedi@shooliniuniversity.com</td> <td>9857478122</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Shalini Sharma	Student	Female	-	-	Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150	R.P. Dwivedi	Faculty	Male	rpdwivedi@shooliniuniversity.com	9857478122
	Name	Type	Gender	Email	Contact																									
	Shalini Sharma	Student	Female	-	-																									
	Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150																									
	R.P. Dwivedi	Faculty	Male	rpdwivedi@shooliniuniversity.com	9857478122																									
	ANTI THEFT and VEHICLE IDENTIFICATION 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	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1101 2735</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 2735	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>86000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	86000	No	No								
	IP / Patented Technology																													
Applied for Patent	Yes																													
Patent Application No	2019 1101 2735																													
Year of Patent Application	2019																													
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																														
86000																														
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Brij Bhushan</td> <td>Faculty</td> <td>Male</td> <td>brijbhushan@shooliniuniversity.com</td> <td>9816260108</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108											
Name	Type	Gender	Email	Contact																										
Brij Bhushan	Faculty	Male	brijbhushan@shooliniuniversity.com	9816260108																										



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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Harshit Bhatt			Student		Male		-		-	
	Wasi Rasooli			Student		Male		-		-	
INFRA RED SENSOR BASED PLATFORM LIGHT 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		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/Innovations Development by Centre (In Rupees)  86000	No	No
					Applied for Patent	Yes					
					Patent Application No	201911012361					
					Year of Patent Application	2019					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Brij Bhushan			Faculty		Male		brijbhushan@shooliniuniversity.com		9816260108	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Vibhav Dhadwal			Student		Male		-		-	
Savita			Student		Female		-		-		

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

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BOTTLE FOR HEATING OF LIQUID THROUGH MANUAL ROTATION	Tinkering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes						
					Patent Application No	2019 1101 2363						
					Year of Patent Application	2019						
	Principal Innovator											
	Name				Type		Gender	Email		Contact		
	Varun Jaiswal				Faculty		Male	varun.505@shooliniuniversity.com		9736490104		
	Co-Innovator											
	Name				Type		Gender	Email		Contact		
	Akash Ujjwal				Student		Male	-		-		
	Shwetamber Pathak				Student		Male	-		-		
	Sujit Thakur				Student		Male	-		-		
	COMPOSITION OF FIBER REINFORCED CONCRETE MIX AND METHODS THEREOF	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
						Applied for Patent	Yes					
						Patent Application No	2019 1101 2510					
						Year of Patent Application	2019					

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	<b>Principal Innovator</b>																				
	Name			Type		Gender		Email		Contact											
	M.S. Thakur			Faculty		Male		mohindrasinghthakur@shooliniuniversity.com		9418134999											
	<b>Co-Innovator</b>																				
	Name			Type		Gender		Email		Contact											
	Veena Kashayap			Faculty		Female		veena@shooliniuniversity.com		7831969253											
	Deepak			Faculty		Male		-		-											
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	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1101 2512</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 2512	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>86000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	86000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
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Year of Patent Application	2019																				
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86000																					
	<b>Principal Innovator</b>																				
	Name			Type		Gender		Email		Contact											
	M.S. Thakur			Faculty		Male		mohindrasinghthakur@shooliniuniversity.com		9418134999											
	<b>Co-Innovator</b>																				
	Name			Type		Gender		Email		Contact											
	Vikas Mehta			Student		Male		-		-											

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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	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No								
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)							
					Patent Application No			2019 1101 2416										
					Year of Patent Application			2019										
					96000													
					Principal Innovator													
					Name						Type	Gender	Email	Contact				
					M.S. Thakur						Faculty	Male	mohindrasinghthakur@shooliniuniversity.com	9418134999				
					Co-Innovator													
					Name						Type	Gender	Email	Contact				
Vikas Mehta					Student	Male	-	-										
Veena Kashyap					Faculty	Female	veena@shooliniuniversity.com	7831969253										
Priyanka					Student	Female	-	-										

**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/Incubation 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/Innovations 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?															
Process of Thickness on the Rubberized Base Isolator in RCC 8 Story Frames and Uses thereof	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No															
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)														
					Patent Application No			2019 1101 2737																	
					Year of Patent Application			2019																	
					96000																				
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>M.S. Thakur</td> <td>Faculty</td> <td>Male</td> <td>mohindrasinghthakur@shooliniuniversity.com</td> <td>9418134999</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	M.S. Thakur	Faculty	Male	mohindrasinghthakur@shooliniuniversity.com	9418134999					
Name	Type	Gender	Email	Contact																					
M.S. Thakur	Faculty	Male	mohindrasinghthakur@shooliniuniversity.com	9418134999																					
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Vikas Mehta</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Bhupender Kumar</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Vikas Mehta	Student	Male	-	-	Bhupender Kumar	Student	Male	-	-
Name	Type	Gender	Email	Contact																					
Vikas Mehta	Student	Male	-	-																					
Bhupender Kumar	Student	Male	-	-																					
A SYSTEM FOR FULLY AUTOMATIC INDIRECT SOLAR DRYER	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No															
					Applied for Patent	Yes		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																	
					Patent Application No	2019 1101 2736																			
					Year of Patent Application	2019																			
					66000																				

## 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/Incubation 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/Innovations 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?
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Brij Bhushan			Faculty		Male		Brijbhushan@shooliniuniversity.com		9816260108
	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		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/Innovations Development by Centre (In Rupees)  91000
Applied for Patent						Yes				
Patent Application No						2019 1101 2842				
No	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118
<b>Co-Innovator</b>										
	Name		Type		Gender		Email		Contact	BARIUM ZIRCONATE MATERIAL AND METHOD OF MANUFACTURING THE SAME
	Shweta Thakur		Student		Female		-		-	
	Radheyshyam Rai		Faculty		Male		radheshyam@shooliniuniversity.com		8521588056	
	Sapna Thakur		Student		Female		-		-	

**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/Incubation 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/Innovations 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?		
Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No			
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	
				Patent Application No			2019 1101 2843					
				Year of Patent Application			2019					101000
				Principal Innovator								
Name		Type		Gender		Email		Contact				
Mamta Sandilya		Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118				
Co-Innovator										A Process for synthesis of Lead Free Barium, Strontium Titanate Ba0.90Sr10TiO3		
Name		Type		Gender		Email		Contact				
Radheyshyam Rai		Faculty		Male		radheshyam@shooliniuniversity.com		8521588056				
Poonam Kumara		Student		Female		-		-				
Gun Anit Kaur		Student		Male		-		-				

**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/Incubation 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/Innovations 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?											
Environmental and Analytical Chemistry Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table><tr><td colspan="2">IP / Patented Technology</td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1101 2931</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 2931	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>85100</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	85100	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1101 2931																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
85100																					

**Principal Innovator**

Name	Type	Gender	Email	Contact
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	9857166118

A Process for synthesis of Silver Doped Zinc Oxide using Cannabis Sativa Leaf Extract	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1101 2932</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 2932	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>125100</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	125100	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1101 2932																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
125100																					

**Principal Innovator**

Name	Type	Gender	Email	Contact
Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988



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

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Ankush Chauhan			Student		Male		-		-	
	Swati			Student		Female		-		-	
	Saurabh Kulshreshtha			Faculty		Male		sourabhkulshreshtha@shooliniuniversity.com		9625033405	
	Mamta Shandilya			Faculty		Female		mamtashandilya@shooliniuniversity.com		9857166118	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Zubin Thakur			Student		Male		-		-	
	A process of synthesis of barium titanate zirconate BaTi1-xZrxO3 ceramics nanoparticles	Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No
Applied for Patent						Yes					
Patent Application No						201911012933					
Year of Patent Application						2019					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)											
120100											
<b>Principal Innovator</b>											
Name				Type		Gender		Email		Contact	
Mamta Shandilya				Faculty		Female		mamtashandilya@shooliniuniversity.com		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/Incubation 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/Innovations 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?	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Radheshyam Rai			Faculty		Male		radheshyam@shooliniuniversity.com		8521588056	
	Gun Anit Kaur			Student		Male		-		-	
	Shweta Thakur			Student		Female		-		-	
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		Receiving Incubation Support at Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	201911015725					
					Year of Patent Application	2019					
					Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)						
121000											
<b>Principal Innovator</b>											
Name				Type		Gender		Email		Contact	
Pradeep Kumar				Faculty		Male		pradeep.kumar@shooliniuniversity.com		9459514137	
<b>Co-Innovator</b>											
Name				Type		Gender		Email		Contact	
Saurabh Kulshreshtha				Faculty		Male		sourabhkulshreshtha@shooliniuniversity.com		9459241393	

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Novel process for production of Liposome encapsulation of Astaxanthin	Molecular Plant Microbe Interaction Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1101 5726</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 5726	Year of Patent Application	2019	Receiving Incubation Support at Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>141000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	141000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1101 5726																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
141000																					
<div>Principal Innovator</div> <table border="1"> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Pradeep Kumar</td> <td>Faculty</td> <td>Male</td> <td>pradeep.kumar@shooliniuniversity.com</td> <td>8219880058</td> </tr> </table>											Name	Type	Gender	Email	Contact	Pradeep Kumar	Faculty	Male	pradeep.kumar@shooliniuniversity.com	8219880058	
Name	Type	Gender	Email	Contact																	
Pradeep Kumar	Faculty	Male	pradeep.kumar@shooliniuniversity.com	8219880058																	
<div>Co-Innovator</div> <table border="1"> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Saurabh Kulshreshtha</td> <td>Faculty</td> <td>Male</td> <td>saurabhkulshreshtha@shooliniuniversity.com</td> <td>9459241393</td> </tr> </table>											Name	Type	Gender	Email	Contact	Saurabh Kulshreshtha	Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9459241393	
Name	Type	Gender	Email	Contact																	
Saurabh Kulshreshtha	Faculty	Male	saurabhkulshreshtha@shooliniuniversity.com	9459241393																	
DIAGNOSTIC AGENT FOR QUICK VISUAL DETECTION OF THE PESTICIDE MONOCROTOPHOS	Centre of Food Processing	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1101 6467</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1101 6467	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>111000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1101 6467																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
111000																					

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	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Prince Chawla			Student		Male		princefoodtech@gmail.com		7015846668			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Ravinder kaushik			Faculty		Male		ravinder@shooliniuniversity.com		9416962729			
	Naveen Kumar			Faculty		Male		naveen.561@shooliniuniversity.com		9992332800			
	Easy elevator	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes		No	No
						Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
						Patent Application No	317328-001			35000			
Year of Patent Application						2019							
<b>Principal Innovator</b>													
Name				Type		Gender		Email		Contact			
Kuldeep Chand Rojhe				Faculty		Male		kuldeeprojhe@shooliniuniversity.com		9882044749			

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	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Narshimha Reddy			Student		Male		narshimha@shooliniuniversity.com		9882044749	
	Abhilash Pathania			Faculty		Male		abhilashpathania@shooliniuniversity.com		9418503057	
	Sorabh Aggarwal			Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541	
	Amar Raj Singh Suri			Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780	
Fork Lifter	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	317329-001					
					Year of Patent Application	2019					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Kuldeep Chand Rojhe			Faculty		Male		kuldeeprojhe@shooliniuniversity.com		9882044749	

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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/Incubation 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/Innovations 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?				
	<b>Co-Innovator</b>													
	Name		Type		Gender		Email		Contact					
	Narshimha Reddy		Student		Male		narshimha@shooliniuniversity.com		9882044749					
	Abhilash Pathania		Faculty		Male		abhilashpathania@shooliniuniversity.com		8091330001					
	Sorabh Aggarwal		Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541					
	Amar Raj Singh Suri		Faculty		Male		amarrajsingh@shooliniuniversity.com		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		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No			
					Applied for Patent	Yes								
					Patent Application No	317417-001								
					Year of Patent Application	2019								
	<b>Principal Innovator</b>													
	Name		Type		Gender		Email		Contact					
	Robin Thakur		Faculty		Male		robinthakur@shooliniuniversity.com		8894373150					
	<b>Co-Innovator</b>													
	Name		Type		Gender		Email		Contact					
	Sunil Kumar		Faculty		Male		sunilkumar@shooliniuniversity.com		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/Incubation 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/Innovations 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?	
METHOD TO ANALYSE THE EFFECT OF THE MASS IRREGULARITY IN RCC BUILDING OF MODERATE HEIGHT	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
					Patent Application No			2019 1101 7412			
					Year of Patent Application			2019			
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@shooliniuniversity.com		9418134999	
Deepak				Faculty		Male		deepakkumar@shooliniuniversity.co m		9888541682	
METHOD TO ANALYSE EFFECT OF THE STIFFNESS IRREGULARITY IN 9-STOREY RCC BUILDINGS	Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
					Applied for Patent	Yes		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No	2019 1101 8048					
					Year of Patent Application	2019			101000		

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

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	<b>Principal Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	M. S. Thakur		Faculty		Male		mohindrasinghthakur@shooliniuniversity.com		9418134999													
	<b>Co-Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Neha Thakur		Student		Female		nehathakur@shooliniuniversity.com		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		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>101000</div>	No	No											
					Applied for Patent	Yes																
					Patent Application No	201911018048																
					Year of Patent Application	2019																
	<b>Principal Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Brij Bhushan		Faculty		Male		brijbhushan@shooliniuniversity.com		9816260108													
	<b>Co-Innovator</b>																					
	Name		Type		Gender		Email		Contact													
	Nagesh Kumar		Faculty		Male		nageshkumar@shooliniuniversity.com		8219710036													
	Ruchika Sharma		Student		Female		ruchikasharma@shooliniuniversity.com		9816260108													



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Solar Water Heater	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>317839</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	317839	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No				
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<div>Principal Innovator</div> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Robin Thakur</td> <td>Faculty</td> <td>Male</td> <td>robinthakur@shooliniuniversity.com</td> <td>8894373150</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Robin Thakur	Faculty	Male	robinthakur@shooliniuniversity.com	8894373150					
Name	Type	Gender	Email	Contact																					
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Solar Water Heater	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>317840</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	317840	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>32500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	32500	No	No				
IP / Patented Technology																									
Applied for Patent	Yes																								
Patent Application No	317840																								
Year of Patent Application	2019																								
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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/Incubation 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/Innovations 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?																				
	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Rajesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>rajeshsharma@shooliniuniversity.com</td> <td>8119200439</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	8119200439										
	Name	Type	Gender	Email	Contact																									
	Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	8119200439																									
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	Anil Kumar	Faculty	Male	anilkumar@shooliniuniversity.com	7833984985																									
	Robin Thakur	Faculty	Male	robinsampark.thakur@gmail.com	8894373150																									
	Amar Raj Singh Suri	Faculty	Male	amarrajsingh@shooliniuniversity.com	9882310780																									
	Solar Organic Fertilizer Plant	Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>317901</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	317901	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>37500</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	37500	No	No								
	IP / Patented Technology																													
Applied for Patent	Yes																													
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Year of Patent Application	2019																													
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<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mamta Sharma</td> <td>Faculty</td> <td>Female</td> <td>MamtaSharma@shooliniuniversity.com</td> <td>7018578162</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Mamta Sharma	Faculty	Female	MamtaSharma@shooliniuniversity.com	7018578162											
Name	Type	Gender	Email	Contact																										
Mamta Sharma	Faculty	Female	MamtaSharma@shooliniuniversity.com	7018578162																										

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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/Incubation 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/Innovations 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?	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Anil Kumar			Faculty		Male		anilkumar@shooliniuniversity.com		7018508569	
	Rajesh Kumar			Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439	
Gas Stove	High Energy Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
					Applied for Patent	Yes					
					Patent Application No	318168					
					Year of Patent Application	2019					
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Brij Bhushan			Faculty		Male		brijbhushan@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		Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No
						Applied for Patent	Yes				
						Patent Application No	318481				
						Year of Patent Application	2019				
	<b>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</b>										
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No		<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Ashutosh Kumar Dash</td><td>Faculty</td><td>Male</td><td>ashutoshkumardash@shooliniuniversity.com</td><td>9018550849</td></tr></table>									Name	Type	Gender	Email	Contact	Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849
Name	Type	Gender	Email	Contact																
Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849																
Co-Innovator		<table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Deepak Kumar</td><td>Faculty</td><td>Male</td><td>deepakkumar@shooliniuniversity.com</td><td>7033443126</td></tr></table>								Name	Type	Gender	Email	Contact	Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126	IMMUNOMODULATORY ANTI-INFLAMMATORY STEROIDAL LACTONE COMPOUND AND METHOD FOR PREPARING THE SAME
Name	Type	Gender	Email	Contact																
Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126																
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1102 2427</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1102 2427	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>106000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	106000	No	No
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Applied for Patent	Yes																			
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106000																				
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Reena V. Saini</td><td>Faculty</td><td>Female</td><td>reenasaini@shooliniuniversity.com</td><td>8894568244</td></tr></table>										Name	Type	Gender	Email	Contact	Reena V. Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244	Apparatus for Chemical Synthesis
Name	Type	Gender	Email	Contact																
Reena V. Saini	Faculty	Female	reenasaini@shooliniuniversity.com	8894568244																
Co-Innovator		<table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Gourav Chandan</td><td>Student</td><td>Male</td><td>gouravchandana@shooliniuniversity.com</td><td>8894568244</td></tr></table>								Name	Type	Gender	Email	Contact	Gourav Chandan	Student	Male	gouravchandana@shooliniuniversity.com	8894568244	
Name	Type	Gender	Email	Contact																
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Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>318481</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	318481	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>37500</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	37500	No	No	<p><b>Principal Innovator</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Deepak Kumar</td> <td>Faculty</td> <td>Male</td> <td>deepakkumar@shooliniuniversity.com</td> <td>7033443126</td> </tr> </tbody> </table> <p><b>Co-Innovator</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ashutosh Kumar Dash</td> <td>Faculty</td> <td>Male</td> <td>ashutoshkumardash@shooliniuniversity.com</td> <td>9018550849</td> </tr> <tr> <td>Deepak Kapoor</td> <td>Faculty</td> <td>Male</td> <td>deepaknandkishore.558@shooliniuniversity.com</td> <td>9646142349</td> </tr> </tbody> </table> <p>IMMUNOMODULATOR or ANTI-INFLAMMATORY STEROIDAL LACTONE COMPOUND DATURLIN AND METHOD FOR PREPARING THE</p>	Name	Type	Gender	Email	Contact	Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126	Name	Type	Gender	Email	Contact	Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849	Deepak Kapoor	Faculty	Male	deepaknandkishore.558@shooliniuniversity.com	9646142349
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Principal Innovator																				
Name		Type		Gender		Email		Contact												
Reena Vohra Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Gourav Chandan		Student		Male		gouravchandan@shooliniuniversity.com		8894568244												
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Principal Innovator																				
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Reena V. Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Gourav Chandan		Student		Male		gouravchandan@shooliniuniversity.com		8894568244												

IMMUNOMODULATOR or ANTI INFLAMMATORY STEROIDAL LACTONE COMPOUND DATURALACTONE AND METHOD FOR PREPARING

ARM TYPE SUN TRACKING SYSTEM

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				Patent Application No			319035-001					
				Year of Patent Application			2019					40000
				Principal Innovator								
Name		Type		Gender		Email		Contact				
Sorabh Aggarwal		Faculty		Male		sorabhaggarwal@shooliniuniversity.com		9041996541				
Co-Innovator										SCREW TYPE SUN TRACKING SYSTEM		
Name		Type		Gender		Email		Contact				
Brij Bhushan		Faculty		Male		brijbhushan@shooliniuniversity.com		9816260108				
Chaduvula Narasimha Reddy		Innovator/Entrepreneur External to Institute		Male		narasimhareddy@shooliniuniversity.com		9041996541				
Abhilash Pathania		Faculty		Male		abhilashpathania@shooliniuniversity.com		8091330001				
B.S.R. Saivithal		Innovator/Entrepreneur External to Institute		Male		bsrsaivithal@shooliniuniversity.com		9041996541				

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Principal Innovator																				
Name		Type		Gender		Email		Contact												
Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8219393854												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905												
Raj Kumar		Faculty		Male		raj.me@shooliniuniversity.com		7018322627												
Abhilash Pathania		Faculty		Male		abhilashpathania@shooliniuniversity.com		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	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1102 6507</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1102 6507	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>111000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No
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111000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
M.S. Thakur		Faculty		Male		mohindrasinghthakur@shooliniuniversity.com		9418134999												

A METHOD FOR PREPARING BITUMINOUS CONCRETE MIXES BY USING FLY ASH AND WASTE POLYETHYLENE

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

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<div>Co-Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Noorullah Yusufi</td><td>Student</td><td>Male</td><td>noorulah@shooliniuniversity.com</td><td>9418134999</td></tr><tr><td>Vikas Mehta</td><td>Student</td><td>Male</td><td>vikasmehta@shooliniuniversity.com</td><td>9418134999</td></tr><tr><td>Priyanka Panchal</td><td>Student</td><td>Female</td><td>priyankapanchal@shooliniuniversity.com</td><td>9418134999</td></tr></table>										Name	Type	Gender	Email	Contact	Noorullah Yusufi	Student	Male	noorulah@shooliniuniversity.com	9418134999	Vikas Mehta	Student	Male	vikasmehta@shooliniuniversity.com	9418134999	Priyanka Panchal	Student	Female	priyankapanchal@shooliniuniversity.com	9418134999	Apparatus for Automated Preparative Layer Chromatography
Name	Type	Gender	Email	Contact																										
Noorullah Yusufi	Student	Male	noorulah@shooliniuniversity.com	9418134999																										
Vikas Mehta	Student	Male	vikasmehta@shooliniuniversity.com	9418134999																										
Priyanka Panchal	Student	Female	priyankapanchal@shooliniuniversity.com	9418134999																										
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table><tr><th>IP / Patented Technology</th><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>319503</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	319503	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><th>Yes</th></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>39500</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	39500	No	No										
IP / Patented Technology																														
Applied for Patent	Yes																													
Patent Application No	319503																													
Year of Patent Application	2019																													
Yes																														
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																														
39500																														
<div>Principal Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Deepak Kumar</td><td>Faculty</td><td>Male</td><td>deepakkumar@shooliniuniversity.com</td><td>7033443126</td></tr></table>										Name	Type	Gender	Email	Contact	Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126	Advanced Multipurpose Rotaevaporator										
Name	Type	Gender	Email	Contact																										
Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126																										
<div>Co-Innovator</div> <table><tr><th>Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td>Ashutosh Kumar Dash</td><td>Faculty</td><td>Male</td><td>ashutoshkumardash@shooliniuniversity.com</td><td>9018550849</td></tr></table>										Name	Type	Gender	Email	Contact	Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849											
Name	Type	Gender	Email	Contact																										
Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849																										

**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/Incubation 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/Innovations 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?	
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No		
				Applied for Patent			Yes				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
				Patent Application No			319504				
				Year of Patent Application			2019				
Principal Innovator											
Name		Type		Gender		Email		Contact			
Ashutosh Kumar Dash		Faculty		Male		ashutoshkumardash@shooliniuniversity.com		9018550849			
Co-Innovator											HERBAL GEL FORMULATION CONTAINING ESSENTIAL OIL OF MENTHA LONGIFOLIA FOR ORAL CANDIDIASIS
Name		Type		Gender		Email		Contact			
Deepak Kumar		Faculty		Male		deepakkumar@shooliniuniversity.com		7033443126			
Amar Raj Singh Suri		Faculty		Male		amarrajsingh@shooliniuniversity.com		9882310780			
Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No		
			Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)				
			Patent Application No	201911027500							
			Year of Patent Application	2019							131000

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/Incubation 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/Innovations 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 Innovator																					
Name		Type		Gender		Email		Contact													
Poonam Negi		Faculty		Female		poonam.546@shooliniuniversity.com		8219477820													
Co-Innovator																					
Name		Type		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													
Bio-engineering lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>319571</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>		IP / Patented Technology		Applied for Patent	Yes	Patent Application No	319571	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>37500</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	37500	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	319571																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
37500																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Ankur Kaushal		Faculty		Male		ankurkaushal@shooliniuniversity.com		9882546292													

Portable Laminar Airflow Cabinet cum Incubator

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/Incubation 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/Innovations 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?																																			
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Kartik Chauhan</td><td>Student</td><td>Male</td><td>kartikchauhan@shooliniuniversity.com</td><td>9882546292</td></tr><tr><td>Rupak Nagraik</td><td>Faculty</td><td>Male</td><td>rupaknagraik@shooliniuniversity.com</td><td>7018858252</td></tr><tr><td>Brij Bhushan</td><td>Faculty</td><td>Male</td><td>brijbhushan@shooliniuniversity.com</td><td>9882292949</td></tr><tr><td>Manoti Vyas</td><td>Student</td><td>Female</td><td>manotivyas@shooliniuniversity.com</td><td>9882546292</td></tr><tr><td>Saumya Bharti</td><td>Student</td><td>Female</td><td>saumyabharti@shooliniuniversity.com</td><td>9882546292</td></tr><tr><td>Rashika Saproo</td><td>Student</td><td>Female</td><td>rashikasaproo@shooliniuniversity.com</td><td>9882546292</td></tr></table>										Name	Type	Gender	Email	Contact	Kartik Chauhan	Student	Male	kartikchauhan@shooliniuniversity.com	9882546292	Rupak Nagraik	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	rashikasaproo@shooliniuniversity.com	9882546292	A PROCESS FOR SYNTHESIS OF CHROMENE DIHYDROPYRIMIDINONES USING Fe or Al PILLARED CLAY
Name	Type	Gender	Email	Contact																																									
Kartik Chauhan	Student	Male	kartikchauhan@shooliniuniversity.com	9882546292																																									
Rupak Nagraik	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	rashikasaproo@shooliniuniversity.com	9882546292																																									
Machine and Welding Workshop	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<div>IP / Patented Technology</div> <table><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201911028140</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	Applied for Patent	Yes	Patent Application No	201911028140	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>121000</div>	No	No																														
Applied for Patent	Yes																																												
Patent Application No	201911028140																																												
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<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Ashutosh Kumar Dash</td><td>Faculty</td><td>Male</td><td>ashutoshkumardash@shooliniuniversity.com</td><td>9018550849</td></tr></table>										Name	Type	Gender	Email	Contact	Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849	A method of synthesis of Zinc Oxide (ZnO) Nanoparticles																									
Name	Type	Gender	Email	Contact																																									
Ashutosh Kumar Dash	Faculty	Male	ashutoshkumardash@shooliniuniversity.com	9018550849																																									
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Deepak Kumar</td><td>Faculty</td><td>Male</td><td>deepakkumar@shooliniuniversity.com</td><td>7033443126</td></tr></table>										Name	Type	Gender	Email	Contact	Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126																										
Name	Type	Gender	Email	Contact																																									
Deepak Kumar	Faculty	Male	deepakkumar@shooliniuniversity.com	7033443126																																									

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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/Incubation 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/Innovations 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?																														
Centre of Nanotechnology	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1103 1031</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 1031	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>145100</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	145100	No	No																				
IP / Patented Technology																																								
Applied for Patent	Yes																																							
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																																								
145100																																								
<b>Principal Innovator</b>																																								
<table border="1"> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Rajesh Kumar</td> <td>Faculty</td> <td>Male</td> <td>rajeshsharma@shooliniuniversity.com</td> <td>9418081988</td> </tr> </table>										Name	Type	Gender	Email	Contact	Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988																					
Name	Type	Gender	Email	Contact																																				
Rajesh Kumar	Faculty	Male	rajeshsharma@shooliniuniversity.com	9418081988																																				
<b>Co-Innovator</b>										NOVEL DRUG LOADED MESOPOROUS POLYHEDRAL OLIGOMERIC SILSESQUIOXANE SYSTEM, PROCESS AND COMPOSITION THEREOF																														
<table border="1"> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> <tr> <td>Ritesh Verma</td> <td>Student</td> <td>Male</td> <td>riteshverma@shooliniuniversity.com</td> <td>8219200439</td> </tr> <tr> <td>Swati</td> <td>Student</td> <td>Female</td> <td>swati@shooliniuniversity.com</td> <td>8219200439</td> </tr> <tr> <td>Ankush Chauhan</td> <td>Student</td> <td>Male</td> <td>ankushchauhan@shooliniuniversity.com</td> <td>8219200439</td> </tr> <tr> <td>Saurabh Kulshreshtha</td> <td>Faculty</td> <td>Male</td> <td>sourabhkulshreshtha@shooliniuniversity.com</td> <td>9625033405</td> </tr> <tr> <td>Mamta Shandilya</td> <td>Faculty</td> <td>Female</td> <td>mamtashandilya@shooliniuniversity.com</td> <td>7018578162</td> </tr> </table>											Name	Type	Gender	Email	Contact	Ritesh Verma	Student	Male	riteshverma@shooliniuniversity.com	8219200439	Swati	Student	Female	swati@shooliniuniversity.com	8219200439	Ankush Chauhan	Student	Male	ankushchauhan@shooliniuniversity.com	8219200439	Saurabh Kulshreshtha	Faculty	Male	sourabhkulshreshtha@shooliniuniversity.com	9625033405	Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	7018578162
Name	Type	Gender	Email	Contact																																				
Ritesh Verma	Student	Male	riteshverma@shooliniuniversity.com	8219200439																																				
Swati	Student	Female	swati@shooliniuniversity.com	8219200439																																				
Ankush Chauhan	Student	Male	ankushchauhan@shooliniuniversity.com	8219200439																																				
Saurabh Kulshreshtha	Faculty	Male	sourabhkulshreshtha@shooliniuniversity.com	9625033405																																				
Mamta Shandilya	Faculty	Female	mamtashandilya@shooliniuniversity.com	7018578162																																				

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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/Incubation 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/Innovations 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?											
Pharmaceutical Product Development Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1103 1223</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 1223	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>126000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1103 1223																				
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
126000																					
<b>Principal Innovator</b>																					
Name			Type		Gender		Email		Contact												
Deepak Kapoor			Faculty		Male		deepakkapoor@shooliniuniversity.com		9646142349												
<b>Co-Innovator</b>																					
Name			Type		Gender		Email		Contact												
Dhriti Verma			Student		Female		dhritiverma@shooliniuniversity.com		9646142349												
Deepak Kapoor			Faculty		Male		deepaknandkishore.558@shooliniuniversity.com		9646142349												
Yeast Biology lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1103 2547</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 2547	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>131000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No	COMPOSITION COMPRISING ESSENTIAL OIL AND SOLVENT EXTRACTS OF ARTEMISIA ANNUA AS BIOAVAILABILITY ENHANCER OF FLUCONAZOLE AND AMPHOTERICIN B TO MANAGE CANDIDIASIS
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1103 2547																				
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### Principal Innovator

Name	Type	Gender	Email	Contact
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534

### Co-Innovator

Name	Type	Gender	Email	Contact
Anshika Sharma	Student	Female	anshikasharma@shooliniuniversity.com	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 / Patented Technology		Completed and Ready for Commercialization/ncubati	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
				Applie d for Patent	Yes					
				Patent Applica tion No	2019 1103 2821					
				Year of Patent Applica tion	2019					
				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/nnovations Development by Centre (In Rupees)						
110100										

### Principal Innovator

Name	Type	Gender	Email	Contact
Dinesh Kumar	Faculty	Male	dineshkumar@shooliniuniversity.com	9816321855

Probiotic drink and process for the preparation

## 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/Incubation 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/Innovations 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?											
<b>Co-Innovator</b>										A SYSTEM FOR AUTOMOBILE COOLING or HEATING USING AIR MULTIPLIER TECHNIQUES											
Name		Type		Gender		Email		Contact													
Hariss Khan		Student		Male		harisskhan@shooliniuniversity.com		9816321855													
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 1103 3831</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 3831	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>111000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	111000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1103 3831																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
111000																					
<b>Principal Innovator</b>																					
Name		Type		Gender		Email		Contact													
Adit Rana		Faculty		Male		aditrana@shooliniuniversity.com		8219393854													
<b>Co-Innovator</b>										A portable laminar airflow cabinet cum incubator											
Name		Type		Gender		Email		Contact													
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905													
Raj Kumar		Faculty		Male		raj.me@shooliniuniversity.com		7018322627													
Chander Mohan		Faculty		Male		chandermohan@shooliniuniversity.com		9817190555													

## 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/Incubation 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/Innovations 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?											
Bio-engineering Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1103 3263</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 3263	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>131000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	131000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1103 3263																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
131000																					
<b>Principal Innovator</b>																					
Name			Type		Gender		Email		Contact												
Ankur Kaushal			Faculty		Male		ankurkushal@shooliniuniversity.com		9882546292												
<b>Co-Innovator</b>																					
Name			Type		Gender		Email		Contact												
Rupak Nagraik			Faculty		Male		rupaknagraik@shooliniuniversity.com		7018858252												
Brij Bhushan			Faculty		Male		brijbhushan@shooliniuniversity.com		9882292949												
Mycology Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1103 1030</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1103 1030	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>96000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	96000	No	No	A PROCESS FOR EXTRACTION OF METHANOLIC EXTRACT HAVING HAEMOSTATIC PROPERTIES FROM WILD IRPEX LACTEUS MUSHROOM AND COMPOSITION THEREOF
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2019 1103 1030																				
Year of Patent Application	2019																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
96000																					

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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/Incubation 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/Innovations 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?								
<b>Principal Innovator</b>																		
Name		Type		Gender		Email		Contact										
Astha Tripathi		Faculty		Female		asthatripathi@shooliniuniversity.com		9817755402										
<b>Co-Innovator</b>										Terpenoids from Colebrookea oppositifolia as activity enhancers of antibiotic compositions and extraction method thereof								
Name		Type		Gender		Email		Contact										
Isha Sharma		Student		Female		ishasharma@shooliniuniversity.com		9817755402										
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>1326/DEL/2015</td></tr><tr><td>Year of Patent Application</td><td>2015</td></tr></table>		IP / Patented Technology		Applied for Patent	Yes	Patent Application No	1326/DEL/2015	Year of Patent Application	2015	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	1326/DEL/2015																	
Year of Patent Application	2015																	
<b>Principal Innovator</b>																		
Name		Type		Gender		Email		Contact										
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905										
<b>Co-Innovator</b>										Compounds for enhancing activity of antibiotic compositions against drug sensitive and drug resistant bacteria								
Name		Type		Gender		Email		Contact										
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534										
Vipasha Sharma		Student		Female		vipasha@shooliniuniversity.com		9418653905										

**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/Incubation 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/Innovations 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?	
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No		
				Applied for Patent							Yes
				Patent Application No							1429/DEL/2015
				Year of Patent Application							2015
Principal Innovator											
Name			Type		Gender		Email		Contact		
Kamal Dev			Faculty		Male		kamaldev@shooliniuniversity.com		9418653905		
Co-Innovator											
Name			Type		Gender		Email		Contact		
Kazal Pathania			Student		Female		Kazal@shooliniuniversity.com		9418653905		
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	Compounds from vitex nigundo for enhancing antibiotic activity and overcoming drug resistance	
				Applied for Patent							Yes
				Patent Application No							1464/DEL/2015 PCT/IN2016/000129
				Year of Patent Application							2015

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/Incubation 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/Innovations 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 Innovator																					
Name		Type		Gender		Email		Contact													
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534													
Sonika Gupta		Student		Female		sonikagupta@shooliniuniversity.com		9418653905													
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>1895/DEL/2015</td></tr><tr><td>Year of Patent Application</td><td>2015</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	1895/DEL/2015	Year of Patent Application	2015	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>73000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	73000	No	No	A novel microbe producing extracellular beta galactosidase and method of enzyme production thereof
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	1895/DEL/2015																				
Year of Patent Application	2015																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
73000																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Tarun Kumar		Student		Male		tarunkumar@shooliniuniversity.com		9418653905													
Improved Anti biotic composition for treatment of Typhoid and Gastro infections caused by Salmonella																					

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

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Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2017 1101 1571 4</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1101 1571 4	Year of Patent Application	2017	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2017 1101 1571 4																	
Year of Patent Application	2017																	

**Principal Innovator**

Name	Type	Gender	Email	Contact
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905

**Co-Innovator**

Name	Type	Gender	Email	Contact
Jyoti Mehta	Student	Female	jyotimehta@shooliniuniversity.com	9418653905
Urmila	Student	Female	urmila@shooliniuniversity.com	9418653905

Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubated	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
				Applied for Patent	Yes					
				Patent Application No	2017 1101 7988					
				Year of Patent Application	2017					

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

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Principal Innovator																	
Name		Type		Gender		Email		Contact									
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905									
Co-Innovator																	
Name		Type		Gender		Email		Contact									
Urmila		Student		Female		urmila@shooliniuniversity.com		9418653905									
Jyoti Mehta		Student		Female		jyotimehta@shooliniuniversity.com		9418653905									
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2017 1102 8454</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1102 8454	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
IP / Patented Technology																	
Applied for Patent	Yes																
Patent Application No	2017 1102 8454																
Year of Patent Application	2017																
Principal Innovator																	
Name		Type		Gender		Email		Contact									
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		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/Incubation 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/Innovations 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?
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Name	Type	Gender	Email	Contact
Vikas Kumar	Faculty	Male	vikas.phd@shooliniuniversity.com	9459527906
Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.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	IP / Patented Technology		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
				Applied for Patent	Yes					
				Patent Application No	201711034173					
				Year of Patent Application	2017					

Name	Type	Gender	Email	Contact
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534

Name	Type	Gender	Email	Contact
Dewanshu Sharma	Student	Male	dewanshusharma@shooliniuniversity.com	9805645534
Sonam Sharma	Student	Female	sonumsharma@shooliniuniversity.com	9805645534
Anuradha Sourirajan	Faculty	Male	anuradha@shooliniuniversity.com	9805645534

Thermostable antimicrobial peptides and method thereof

A gene encoding dual enzyme aminopeptidase or endoglucanase from thermophilic bacterium bacillus sp. Pw2 ku711838

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

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Center for Omics and Biodiversity Research	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 8382</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 8382	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>126000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	126000	No	No				
IP / Patented Technology																								
Applied for Patent	Yes																							
Patent Application No	2018 1101 8382																							
Year of Patent Application	2018																							
Yes																								
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																								
126000																								
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Anuradha Sourirajan</td> <td>Faculty</td> <td>Female</td> <td>anuradha@shooliniuniversity.com</td> <td>9805645534</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534					
Name	Type	Gender	Email	Contact																				
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534																				
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Divyanshi Sharma</td> <td>Student</td> <td>Female</td> <td>divyanshisharma@shooliniuniversity.com</td> <td>9805645534</td> </tr> <tr> <td>Kamal Dev</td> <td>Faculty</td> <td>Male</td> <td>kamaldev@shooliniuniversity.com</td> <td>9418653905</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Divyanshi Sharma	Student	Female	divyanshisharma@shooliniuniversity.com	9805645534	Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905
Name	Type	Gender	Email	Contact																				
Divyanshi Sharma	Student	Female	divyanshisharma@shooliniuniversity.com	9805645534																				
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																				
Center for Omics and Biodiversity Research	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 0479</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 0479	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>151000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	151000	No	No	Improved process for production of oligosaccharides from agar using novel psychrophilic bacteria isolated from Himalayas			
IP / Patented Technology																								
Applied for Patent	Yes																							
Patent Application No	2018 1102 0479																							
Year of Patent Application	2018																							
Yes																								
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																								
151000																								

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/Incubation 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/Innovations 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 Innovator																				
Name		Type		Gender		Email		Contact												
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Mukesh K Dogra		Student		Male		mukeshdogra@shooliniuniversity.com		9418653905												
Sonam Sharma		Student		Female		sonamsharma@shooliniuniversity.com		9418653905												
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534												
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1102 0673</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 0673	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>136000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1102 0673																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
136000																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
Kamal Dev		Faculty		Male		kamaldev@shooliniuniversity.com		9418653905												

Biological decaffeination of coffee by hyper thermo alkaliphile para geobacillus toebii strain sm1 and method thereof

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/Incubation 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/Innovations 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?																				
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Saptarshi Mandal</td><td>Student</td><td>Male</td><td>saptarshimandal@shooliniuniversity.com</td><td>9418653905</td></tr><tr><td>Anuradha Sourirajan</td><td>Faculty</td><td>Female</td><td>anuradha@shooliniuniversity.com</td><td>9805645534</td></tr><tr><td>Garima Bisht</td><td>Student</td><td>Female</td><td>garimabisht@shooliniuniversity.com</td><td>9418653905</td></tr></table>										Name	Type	Gender	Email	Contact	Saptarshi Mandal	Student	Male	saptarshimandal@shooliniuniversity.com	9418653905	Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534	Garima Bisht	Student	Female	garimabisht@shooliniuniversity.com	9418653905	METHANOLIC EXTRACT OF BERGINIA LIGULATA LEAVES AND RHIZOME AS BIOAVAILABILITY ENHANCER OF FLUCONAZOLE AND AMPHOTERICIN B TO CONTROL CANDIDIASIS
Name	Type	Gender	Email	Contact																										
Saptarshi Mandal	Student	Male	saptarshimandal@shooliniuniversity.com	9418653905																										
Anuradha Sourirajan	Faculty	Female	anuradha@shooliniuniversity.com	9805645534																										
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IP / Patented Technology																														
Applied for Patent	Yes																													
Patent Application No	2018 1103 2947																													
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<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Kamal Dev</td><td>Faculty</td><td>Male</td><td>kamaldev@shooliniuniversity.com</td><td>9418653905</td></tr></table>										Name	Type	Gender	Email	Contact	Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905											
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Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																										

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Co-Innovator										
Name		Type		Gender		Email		Contact		
Shivani Shukla		Student		Female		shivanishukla@shooliniuniversity.com		-		
Anjali Kashyap		Student		Female		anjalikashyap@shooliniuniversity.com		-		
Rajan Rolta		Student		Male		rajanrolta@shooliniuniversity.com		-		
Akash Sharma		Student		Male		akashsharma@shooliniuniversity.com		-		
Vikas Kumar		Faculty		Male		vikas.phd@shooliniuniversity.com		9459527906		
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534		
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<div>IP / Patented Technology</div> <div>Applied for PatentYes</div> <div>Patent Application No201811032946</div> <div>Year of Patent Application2018</div>		Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>136000</div>	No	No
Principal Innovator										
Name		Type		Gender		Email		Contact		
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534		

CHLOROFORM SUB-FRACTIONS OF METHANOLIC EXTRACT OF RHIZOME OF RHEUM EMODI AS POTENT ANTIBACTERIAL DRUGS AGAINST E. COLI AND K. PNEUMONIA AND AS ANTIOXIDANT IN FOOD PRESERVATION

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

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Name	Type	Gender	Email	Contact																															
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																															
Rajan Rolta	Student	Male	rajanrolta@shooliniuniversity.com	-																															
Akash Sharma	Student	Male	akashsharma@shooliniuniversity.com	-																															
Vikas Kumar	Faculty	Male	vikas.phd@shooliniuniversity.com	9459527906																															
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 4669</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 4669	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>81000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	81000	No	No															
IP / Patented Technology																																			
Applied for Patent	Yes																																		
Patent Application No	2018 1103 4669																																		
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81000																																			
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Nitika Thakur</td> <td>Faculty</td> <td>Female</td> <td>nitikathakur@shooliniuniversity.com</td> <td>9816969349</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Nitika Thakur	Faculty	Female	nitikathakur@shooliniuniversity.com	9816969349															
Name	Type	Gender	Email	Contact																															
Nitika Thakur	Faculty	Female	nitikathakur@shooliniuniversity.com	9816969349																															
<b>Co-Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sunil Thakur</td> <td>Student</td> <td>Male</td> <td>sunilthakur@shooliniuniversity.com</td> <td>-</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Sunil Thakur	Student	Male	sunilthakur@shooliniuniversity.com	-	<b>PHYTOCOMPOUNDS FROM ESSENTIAL OIL OF MENTHA LONGIFOLIA AS SYNERGISTIC, BROAD SPECTRUM DRUG CANDIDATES FOR CANDIDIASIS</b>															
Name	Type	Gender	Email	Contact																															
Sunil Thakur	Student	Male	sunilthakur@shooliniuniversity.com	-																															

## 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/Incubation 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/Innovations 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?											
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1103 5174</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 5174	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>121000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	121000	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1103 5174																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
121000																					
<b>Principal Innovator</b>																					
Name			Type		Gender		Email		Contact												
Prakriti Nidhi			Student		Female		prakritinidhi934@gmail.com		9882844537												
<b>Co-Innovator</b>																					
Name			Type		Gender		Email		Contact												
Rajan Rolta			Student		Male		rajanrolta@shooliniuniversity.com		-												
Vikas Kumar			Faculty		Male		vikas.phd@shooliniuniversity.com		9459527906												
Himalayan Centre of Research and Sustainable Development	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1105 0078</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1105 0078	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>91000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	91000	No	No	Broad Spectrum Aqueous Extract with Antibiotic activity from Citrus pseudolimon and method thereof
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1105 0078																				
Year of Patent Application	2018																				
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Principal Innovator																				
Name		Type		Gender		Email		Contact												
Nitika Thakur		Faculty		Female		nitikathakur@shooliniuniversity.com		9816969349												
Co-Innovator										AN ECO FRIENDLY NATURAL BIOFERTILIZER or BIOCONTROL AGENT										
Name		Type		Gender		Email		Contact												
Apurva Bhardwaj		Student		Female		-		-												
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2019 1100 5125</td></tr><tr><td>Year of Patent Application</td><td>2019</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 1100 5125	Year of Patent Application	2019	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>101000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	101000	No	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2019 1100 5125																			
Year of Patent Application	2019																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
101000																				
Principal Innovator										A KIT FOR IDENTIFICATION OF BEST HARVESTING TIME FOR THE EXTRACTION OF ESSENTIAL OIL OF MENTHA LONGIFOLIA										
Name		Type		Gender		Email		Contact												
Adesh K. Saini		Faculty		Male		adeshsaini@shooliniuniversity.com		8988205238												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Diya Mittal		Student		Female		-		-												



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Amita Kumari		Faculty		Female		amitakumari@shooliniuniversity.com		9882844537													
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Prakriti Nidhi		Student		Female		prakritinidhi934@gmail.com		9882844537													
Sonam Thakur		Student		Female		-		-													
Vikas Kumar		Faculty		Male		vikas.phd@shooliniuniversity.com		9459527906													
Anuradha Sourirajan		Faculty		Female		anuradha@shooliniuniversity.com		9805645534													

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Co-Innovator																					
Name		Type		Gender		Email		Contact													
Menaka Thakur		Student		Female		menakathakur@shooliniuniversity.com		8219083903													
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Aniruddha Mitra		Faculty		Female		aniruddha.630@shooliniuniversity.com		9038110601													

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/Incubation 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/Innovations 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										Broad spectrum polyherbal Formulation for treatment of neonatal Eye infections										
Name		Type		Gender		Email		Contact												
Komal Sharma		Student		Female		komalsharma@shooliniuniversity.com		9038110601												
Himalayan Centre of Research and Sustainable Development	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	<table><tr><th colspan="2">IP / Patented Technology</th></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1104 9851</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No		2018 1104 9851	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><th>Yes</th></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>96000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	96000	No
IP / Patented Technology																				
Applied for Patent	Yes																			
Patent Application No	2018 1104 9851																			
Year of Patent Application	2018																			
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
96000																				
Principal Innovator										Novel peptides for diagnosis of cystic echinococcosis										
Name		Type		Gender		Email		Contact												
Nitika Thakur		Faculty		Female		nitikathakur@shooliniuniversity.com		9418069349												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Jyoti Kumar		Student		Female		-		-												
Monu Sharma		Student		Male		-		-												

**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/Incubation 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/Innovations 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?																
Molecular Immuno Parasitology Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2015	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>4198/DEL/2015</td></tr><tr><td>Year of Patent Application</td><td>2015</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	4198/DEL/2015	Year of Patent Application	2015	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
IP / Patented Technology																										
Applied for Patent	Yes																									
Patent Application No	4198/DEL/2015																									
Year of Patent Application	2015																									
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Umar Farooq</td><td>Faculty</td><td>Male</td><td>ufaaroq8@gmail.com</td><td>9877236732</td></tr></table>											Name	Type	Gender	Email	Contact	Umar Farooq	Faculty	Male	ufaaroq8@gmail.com	9877236732						
Name	Type	Gender	Email	Contact																						
Umar Farooq	Faculty	Male	ufaaroq8@gmail.com	9877236732																						
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Varun Chauhan</td><td>Student</td><td>Male</td><td>varunchauhan@shooliniuniversity.com</td><td>9877236732</td></tr><tr><td>Varun Chauhan</td><td>Student</td><td>Male</td><td>varunchauhan@shooliniuniversity.com</td><td>9877236732</td></tr></table>											Name	Type	Gender	Email	Contact	Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732	Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732	Herbal composition from Stephaniaelegans for breast cancer treatment
Name	Type	Gender	Email	Contact																						
Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732																						
Varun Chauhan	Student	Male	varunchauhan@shooliniuniversity.com	9877236732																						
Animal Tissue Culture	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2017	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2017 1102 8932</td></tr><tr><td>Year of Patent Application</td><td>2017</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 1102 8932	Year of Patent Application	2017	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No									
IP / Patented Technology																										
Applied for Patent	Yes																									
Patent Application No	2017 1102 8932																									
Year of Patent Application	2017																									

Herbal composition from *Stephania elegans* for breast cancer treatment

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/Incubation 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/Innovations 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 Innovator																					
Name		Type		Gender		Email		Contact													
Reena Saini		Faculty		Female		reenasaini@shooliniuniversity.com		8894568244													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Ravin Sharma		Student		Male		ravinsharma@shooliniuniversity.com		8894568244													
Gourav Chandan		Student		Male		gouravchandan@shooliniuniversity.com		8894568244													
Anterpreet Chahal		Student		Female		anterpreet@shooliniuniversity.com		8894568244													
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<table><tr><td>IP / Patented Technology</td><td></td></tr><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>2018 1103 1068</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 1068	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table><tr><td>Yes</td></tr><tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr><tr><td>136000</td></tr></table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	136000	No	No	A SOLAR COOKING SYSTEM BASED ON PREHEATED WATER TO REDUCE CO2 EMISSION
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1103 1068																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
136000																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Rajesh Kumar		Faculty		Male		rajeshsharma@shooliniuniversity.com		8219200439													

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/Incubation 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/Innovations 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?																									
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Ankit Gupta</td><td>Faculty</td><td>Male</td><td>ankitgupta@shooliniuniversity.com</td><td>9882643368</td></tr><tr><td>Raja Sekhar</td><td>Innovator/Entrepreneur External to Institute</td><td>Male</td><td>rajasekhar@shooliniuniversity.com</td><td>-</td></tr><tr><td>SS Chandel</td><td>Faculty</td><td>Male</td><td>shyamchandel@shooliniuniversity.com</td><td>7018893863</td></tr></table>										Name	Type	Gender	Email	Contact	Ankit Gupta	Faculty	Male	ankitgupta@shooliniuniversity.com	9882643368	Raja Sekhar	Innovator/Entrepreneur External to Institute	Male	rajasekhar@shooliniuniversity.com	-	SS Chandel	Faculty	Male	shyamchandel@shooliniuniversity.com	7018893863	THE ESSENTIAL OIL AND ITS CONSTITUENT PHYTOCOMPOUNDS OF CITRUS AURANTIUM AS NON-TOXIC, BROAD SPECTRUM, AND SYNERGISTIC DRUG CANDIDATE FOR CANDIDIASIS					
Name	Type	Gender	Email	Contact																															
Ankit Gupta	Faculty	Male	ankitgupta@shooliniuniversity.com	9882643368																															
Raja Sekhar	Innovator/Entrepreneur External to Institute	Male	rajasekhar@shooliniuniversity.com	-																															
SS Chandel	Faculty	Male	shyamchandel@shooliniuniversity.com	7018893863																															
Center for Omics and Biodiversity Research	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	<div>IP / Patented Technology</div> <table><tr><td>Applied for Patent</td><td>Yes</td></tr><tr><td>Patent Application No</td><td>201811034501</td></tr><tr><td>Year of Patent Application</td><td>2018</td></tr></table>	Applied for Patent	Yes	Patent Application No	201811034501	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>136000</div>	No	No																				
Applied for Patent	Yes																																		
Patent Application No	201811034501																																		
Year of Patent Application	2018																																		
<div>Principal Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Kamal Dev</td><td>Faculty</td><td>Male</td><td>kamaldev@shooliniuniversity.com</td><td>9418653905</td></tr></table>										Name	Type	Gender	Email	Contact	Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																
Name	Type	Gender	Email	Contact																															
Kamal Dev	Faculty	Male	kamaldev@shooliniuniversity.com	9418653905																															
<div>Co-Innovator</div> <table><tr><td>Name</td><td>Type</td><td>Gender</td><td>Email</td><td>Contact</td></tr><tr><td>Prakriti Nidhi</td><td>Student</td><td>Female</td><td>prakritinidhi@shooliniuniversity.com</td><td>9882844537</td></tr><tr><td>Rajan Rolta</td><td>Student</td><td>Male</td><td>rajanrolta@shooliniuniversity.com</td><td>-</td></tr><tr><td>Vikas Kumar</td><td>Faculty</td><td>Male</td><td>vikas.phd@shooliniuniversity.com</td><td>9459527906</td></tr><tr><td>Anuradha Sourirajan</td><td>Faculty</td><td>Female</td><td>anuradha@shooliniuniversity.com</td><td>9805645534</td></tr></table>										Name	Type	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	Type	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																															

### 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/Incubation 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/Innovations 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?
Hydraulics Machine and Solar Energy Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
				Applied for Patent			Yes			
				Patent Application No			2018 1103 5171			
				Year of Patent Application			2018			
				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			106000			
Principal Innovator										
Name			Type		Gender		Email		Contact	
Anil Kumar			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/Incubation 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 the Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation 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 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/Incubation 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/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?											
									<div>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)</div> <div>2570000</div>													
									Founder													
									Name			DIN Number		Type		Gender		Email		Contact		
									Prof. Atul Khosla			2674215		Faculty		Male		atulkhosla@shooliniuniversity.com		09654545645		
									Co-Founder													
Name		DIN Number		Type		Gender		Email		Contact												
Prof. Vishal Anand		2822659		Faculty		Male		vishalanand@shooliniuniversity.com		9816077525												
Shoolini Lifesciences Private Limited	Steve Jobs Incubation Cell	2013-14	Private Limited	U24230HP2013PTC000338	Faculty	Service Based Business Solution	Graduated from Incubation Unit/Centre	No	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)</div> <div>11000000</div>	No	No											
									Founder													
									Name			DIN Number		Type		Gender		Email		Contact		
									Prof. Atul Khosla			2674215		Faculty		Male		atulkhosla@shooliniuniversity.com		9654545645		

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/Incubation 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/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
	Co-Founder										
	Name			DIN Number		Type	Gender	Email		Contact	
	Prof. Vishal Anand			2822659		Faculty	Male	vishalanand@shooliniuniversity.com		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)	Shoolini University	Fruit and Vegetable Technology Lab	Licence Transferred to	Industry	Yes	700000
				Contact number of license holder	8894568244		Name of Industry/Start- up/Agency Received License/Techno logy	AADDOO SOFTTECH PRIVATE LIMITED		
				Email of Licence holder	reenasaini@ shooliniunive rsity.com		Address of Agency	129 Magnet Coworks Industrial Area Phase 1 Chandigarh 160002		
				Gender	Institute		Contact Number of Agency	9816006440		
							Email of Agency	sachin@aad doo.net		
Biodegradabale dustbin	IP/Patented Technology	One-time transfer/Licens ing	311278	Patent/Licence Holder name (Institute Co- ownership is Must)	Shoolini University	Tinkering Lab	Licence Transferred to	Industry	Yes	400000
				Contact number of license holder	8894568244		Name of Industry/Start- up/Agency Received License/Techno logy	AADDOO SOFTTECH PRIVATE LIMITED		
				Email of Licence holder	reenasaini@ shooliniunive rsity.com		Address of Agency	129 Magnet Coworks Industrial Area Phase 1 Chandigarh 160002		
				Gender	Institute		Contact Number of Agency	9816006440		
							Email of Agency	sachin@aad doo.net		

## Technology Commercialization / Transfer

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

Technology Commercialization / Transfer

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

## Declaration

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

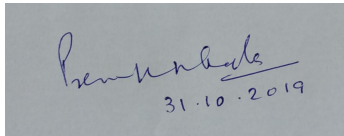
### Joint Declaration by the Head of the Institute and Nodal Officer

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

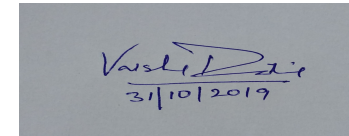


31.10.2019

Dr. Prem Kumar Khosla  
Head of the Institution,

Shoolini University of Biotechnology and Management Sciences,  
Solan, Himachal Pradesh

Nodal officer



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.