



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: Motilal Nehru National Institute of Technology [ARI-U-0530]

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Applied Mechanics	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	141	20	12
2	Biotechnology	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	209	13	9
3	Chemical Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	214	11	7
4	Chemistry	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	11	5	5
5	Civil Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	547	25	9
6	Computer Science and Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	1645	43	16
7	Electrical Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	486	19	9
8	Electronics and Communication Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	808	28	14
9	Humanities and Social Sciences	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	21	7	3
10	Mathematics	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	68	12	3
11	Mechanical Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	973	37	19
12	Physics	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	14	5	4

**List all the departments / centers / units are part of innovation and startup ecosystem of the institute**

13	School of Management Studies	Academic Department with lab facility	Management	UG / PG / PhD	Non-Technical	97	8	5
14	GIS Cell	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	45	3	3
15	Computer Center	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	At all level	Not Allowed	0	3	17
16	Mechanical Workshop	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	At all level	Not Allowed	0	0	11
17	Center for Interdisciplinary Research (CIR)	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	At all level	Not Allowed	0	6	4
18	Intellectual Property Right (IPR)	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent facilitation and technology transfer	At all level	Not Allowed	0	5	3
19	Institute Innovation Cell	Pre-incubation unit	Facilitation and nurturing of innovative ideas and innovators and	At all level	Not Allowed	0	10	0
20	Institute Industry Interaction (III) Cell	Industry Institute Interface Unit	Encouraging Institute-industry interaction	At all level	Not Allowed	0	16	0
21	Industrial estate	Incubation Unit	Facilitating early entrepreneur; providing space and facilities to them	At all level	Not Allowed	0	2	4

**Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)**

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810178
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

Srno	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?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
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1	Software Application in Design of Structure SADS 2019	Innovation	Workshop	Institute Lead Activity	Department of Civil Engineering	08-07-2019 00:00:00	12-07-2019 00:00:00	5	Within Campus	0	3	19	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	58106.00	No
2	Water Quality Assessment, River Sedimentation & Risk Remedial Measure	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Civil Engineering	25-09-2019 00:00:00	29-09-2019 00:00:00	5	Within Campus	11	0	0	13	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	311000.00	No
3	Design of Water Retaining Structure (DWRS)	Innovation	Workshop	Institute Lead Activity	Department of Civil Engineering	14-10-2019 00:00:00	18-10-2019 00:00:00	5	Within Campus	0	3	38	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	134000	No
4	Numerical and Optimization Techniques (NOT-2019)	Innovation	Workshop	Institute Lead Activity	Department of Civil Engineering	08-11-2019 00:00:00	12-11-2019 00:00:00	5	Within Campus	0	5	32	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	77413	No
5	New Materials and Instrumentation for Rehabilitation of Dams	Innovation	Training	Institute Lead Activity	Department of Civil Engineering	25-11-2019 00:00:00	29-11-2019 00:00:00	5	Within Campus	8	0	0	18	26	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	276000.00	No
6	Risk Uncertainty & Management Information System	Innovation	Training	Institute Lead Activity	Department of Civil Engineering	18-12-2019 00:00:00	22-12-2019 00:00:00	5	Within Campus	12	0	3	5	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	263000.00	No
7	INGSA Asia Grassroots Science Advice on Nutrition and Health (India)	Innovation	Workshop	Institute Lead Activity	Department of Biotechnology	17-12-2019 00:00:00	18-12-2019 00:00:00	2	Within Campus	0	0	5	12	17	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	138604.00	No

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8	Food and Health Biotechnology Solutions to Life: An Improved Way to Living (FHBS-2019)	Innovation	Workshop	Institute Lead Activity	Department of Biotechnology	20-12-2019 00:00:00	26-12-2019 00:00:00	7	Within Campus	0	0	1	17	18	No	No
9	"DIC meet of all spokes (MNNIT Allahabad, IIT Allahabad, Allahabad University) of IIT BHU and BHU Varanasi was organized under the scheme"	Innovation	Workshop	Institute Lead Activity	Department of Biotechnology	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	150	40	174	29	393	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;">                     Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)                 </div> 92997.89	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;">                     Award / Position / Recognition Secured                 </div> 1st, 2nd and 3rd to school students
																<div style="background-color: #002060; color: white; padding: 5px; text-align: center;">                     Title of Innovation / Start-up Secured the Award / Recognition                 </div> Innovative idea participation in exhibition
																<div style="background-color: #002060; color: white; padding: 5px; text-align: center;">                     Award/Recognition/Achievement Received for                 </div>

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10	BIOSAN GAM 2020: an international conference: Biotechnological Interventions for societal Development	Innovation	Conference	Institute Lead Activity	Department of Biotechnology	21-02-2020 00:00:00	23-02-2020 00:00:00	3	Within Campus	41	26	405	35	507	<p style="text-align: center;">Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</p> <p style="text-align: right;">1537449.00</p>	<p style="text-align: center;">Award / Position / Recognition Secured</p>	<p>1. First position in oral presentation category 2. First position in poster presentation category</p>
																<p style="text-align: center;">Title of Innovation / Start-up Secured the Award / Recognition</p>	<p>1. Phytic acid showed synergistic effects in combination with sodium chloride against Staphylococcus epidermidis 2. Catalytic synthesis of Ag NPs using fluorescent Cdots for enhanced antibacterial activity 3. Microbial biotransformation of polythene into value added products 4. Comparative assessment of the aptamer gold</p>
																<p style="text-align: center;">Award/Recognition/Achievement Received for</p>	
11	Workshop on Xilinx ZYNQ SoC	Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	18-09-2019 00:00:00	19-09-2019 00:00:00	2	Within Campus	22	1	0	0	23	No	No	
12	Workshop on Deep Learning	Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	21-09-2019 00:00:00	22-09-2019 00:00:00	2	Within Campus	42	2	0	0	44	No	No	

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13	Enhancing Skill for Enterprise Scale Application Development ((ES)2AD-2019)	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Computer Science and Engineering	07-06-2019 00:00:00	04-07-2019 00:00:00	28	Within Campus	0	0	98	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1008900.00	No						
14	Hack-36	Entrepreneurship/Startup, Innovation	Hackathon	Institute Lead Activity	Department of Computer Science and Engineering	14-02-2020 00:00:00	16-02-2020 00:00:00	3	Within Campus	84	2	95	5	186	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	146500.00	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Aniruddha Chatterjee, Rituparno Biswas, Sneha Mishra 3rd</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Student Motivation Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Aniruddha Chatterjee, Rituparno Biswas, Sneha Mishra 3rd	Title of Innovation / Start-up Secured the Award / Recognition	Student Motivation Award	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	Aniruddha Chatterjee, Rituparno Biswas, Sneha Mishra 3rd																						
Title of Innovation / Start-up Secured the Award / Recognition	Student Motivation Award																						
Award/Recognition/Achievement Received for																							
15	One day Exhibition on the products and prototypes	Entrepreneurship/Startup, Innovation	Exhibition	Institute Lead Activity	Department of Biotechnology	26-11-2019 00:00:00	26-11-2019 00:00:00	1	Within Campus	35	15	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14670.00	No						
16	DIC - Quality Council of India Visit	Innovation	Exhibition	Institute Lead Activity	Department of Biotechnology	16-01-2020 00:00:00	16-01-2020 00:00:00	1	Within Campus	35	15	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000.00	No						
17	5th Students' Conference on Engineering and Systems 2019	Innovation	Conference	Institute Lead Activity	Department of Electrical Engineering	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Within Campus	9	0	25	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	435000.00	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Paper Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Paper</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Best Paper Award	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper	Award/Recognition/Achievement Received for	
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18	International conference on energy and environmental technologies for sustainable development (CHEMC ONFLUX 20)	Innovation	Conference	Institute Lead Activity	Department of Chemical Engineering	14-02-2020 00:00:00	16-02-2020 00:00:00	3	Within Campus	22	36	135	30	223	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1300000.00	Award / Position / Recognition Secured	Best Paper Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Energy and Economic Analysis of In Situ Biodiesel Production from Microalgal Biomass
																	Award/Recognition/Achievement Received for	
19	Research Aspects in Chemical Engineering (RACE-2019)	Innovation	Training	Institute Lead Activity	Department of Chemical Engineering	24-05-2019 00:00:00	07-06-2019 00:00:00	15	Within Campus	0	0	30	0	30	No		No	
20	Opportunities and Challenges in Indian Industries	Innovation	Workshop	Institute Lead Activity	Institute Industry Interaction Cell	27-11-2019 00:00:00	27-11-2019 00:00:00	1	Within Campus	104	32	0	0	136	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100960.00	No	
21	International Conference on VLSI, Communication and Signal Processing (VCAS-2019)	Innovation	Conference	Institute Lead Activity	Department of Electronics and Communication Engineering	21-10-2019 00:00:00	23-10-2019 00:00:00	3	Within Campus	20	14	30	24	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	723481.50	No	
22	Design and Verification Challenges for Complex SoCs and their addressal through FPGA, EMULATION and high level synthesis	Innovation	Training	Institute Lead Activity	Department Electronics and Communication Engineering	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	50	6	20	4	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	

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23	FPGA Implementation of Signal & Image Processing Algorithms	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	29	4	10	5	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
24	Workshop on Advance Image & Video Processing	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	50	6	20	4	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
25	Workshop on Latest Trends in 5G and IoT	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	25	5	13	4	47	No		No
26	Invited lecture on Nano Electron Devices for Sensing Applications	Innovation	Mentoring Session	Institute Lead Activity	Department of Electronics and Communication Engineering	04-04-2019 00:00:00	04-04-2019 00:00:00	1	Within Campus	40	5	23	8	76	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000.00	No
27	Invited lecture on Image Processing Tool for Improved Visualization and Analysis of Remotely Sensed Images for Agriculture and Forest Classification	Innovation	Mentoring Session	Institute Lead Activity	Department of Electronics and Communication Engineering	14-04-2019 00:00:00	14-04-2019 00:00:00	1	Within Campus	35	15	10	6	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000.00	No
28	Invited lecture on CAD based Medical Image Diagnosis and Health Informatics	Innovation	Mentoring Session	Institute Lead Activity	Department of Electronics and Communication Engineering	15-04-2019 00:00:00	15-04-2019 00:00:00	1	Within Campus	33	15	8	3	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000.00	No



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29	Invited lecture on Compact Modelling and Recent Trends in Nanoelectronics	Innovation	Mentoring Session	Institute Lead Activity	Department of Electronics and Communication Engineering	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	26	14	11	6	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000.00	No						
30	AVISHKAR 2019	IPR, Entrepreneurship/Startup, Innovation	Innovation Contest	Student Lead Activity	Student Activity Centre	18-09-2019 00:00:00	21-09-2019 00:00:00	4	Within Campus	2500	20	100	0	2620	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1988853.00	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Mr. Avishkar, Ms. Avishkar</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Self driving car with learning using Raspberry Pi</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Mr. Avishkar, Ms. Avishkar	Title of Innovation / Start-up Secured the Award / Recognition	Self driving car with learning using Raspberry Pi	Award/Recognition/Achievement Received for	
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31	Prosang - II	Innovation	Exhibition	Institute Lead Activity	Student Activity Centre	21-02-2020 00:00:00	23-02-2020 00:00:00	3	Within Campus	1000	10	50	0	1060	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	225000.00	No						
32	Demo Day	Entrepreneurship/Startup	Demo Day	Student Lead Activity	Institution Innovation Council	13-11-2019 00:00:00	13-11-2019 00:00:00	1	Within Campus	47	6	0	0	53	No	No							
33	Innovator's Life and Crossroad	IPR, Entrepreneurship/Startup, Innovation	Mentoring Session	Student Lead Activity	Institution Innovation Council	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	61	6	0	0	67	No	No							
34	Story Telling : Innovators in Campus	IPR, Innovation	Orientation Session	Student Lead Activity	Institution Innovation Council	20-10-2019 00:00:00	20-10-2019 00:00:00	1	Within Campus	200	8	0	0	208	No	No							
35	My Story - Entrepreneur Life & Crossroad	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Institution Innovation Council	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	80	7	0	0	87	No	No							
36	Entrepreneurship and Innovation as Career Opportunity	Entrepreneurship/Startup	Start-up Conclave	Institute Lead Activity	thingQbat or	21-10-2019 00:00:00	22-10-2019 00:00:00	2	Within Campus	54	10	0	0	64	No	No							

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

37	IPR Workshop	IPR	Orientation Session	Institute Lead Activity	IPR Cell	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	60	44	0	0	104	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	34550.80	No
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**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

Smo	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 activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research						
1	Energy, Environment and Multiphase Flows	Innovation	Workshop	Knowledge Incubation for TEQIP-III Kanpur	Educational Institute	24-02-2020 00:00:00	26-02-2020 00:00:00	3	50	30	80	No	---	---	No	No						
2	National Conference on Recent Advance ment in Physical Sciences	Innovation	Conference	National Institute of Technology Uttarakhand	Educational Institute	19-12-2019 00:00:00	20-12-2019 00:00:00	2	50	1	51	Yes	Best Paper Award	Estimation of Loading-Driven Fluid-Flow Pattern in Lacunar-Canalicular Space Using Fluid Structure Interaction in National Conference on Recent Advance ment in Physical Sciences 2019, 19th - 20th December 2019, National Institute of Technology, Uttarakhand, India	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Paper Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Estimation of Loading-Driven Fluid-Flow Pattern in Lacunar-Canalicular Space Using Fluid Structure Interaction in National Conference on Recent Advance ment in Physical Sciences 2019, 19th - 20th December 2019, National Institute of Technology, Uttarakhand, India</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Paper Award	Title of Innovation / Start-up Secured the Award / Recognition	Estimation of Loading-Driven Fluid-Flow Pattern in Lacunar-Canalicular Space Using Fluid Structure Interaction in National Conference on Recent Advance ment in Physical Sciences 2019, 19th - 20th December 2019, National Institute of Technology, Uttarakhand, India	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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3	International Conference on Thermofluids 2020	Innovation	Conference	KIIT Deemed to be University Bhubaneswar, India	Educational Institute	23-01-2020 00:00:00	25-01-2020 00:00:00	3	50	1	51	Yes	Best Paper Award	Kumar R., Tiwari A.K., Tripathi D., Sharma N.N., Khadiya M., Fluid-Structure Interaction Modelling of Physiological Loading-Induced Canalicular Fluid Motion in Osteocyte Network in International Conference on Thermofluids 2020, 23rd -25th January 2020, KIIT Deemed to be University, Bhubaneswar, India.	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Paper Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Kumar R., Tiwari A.K., Tripathi D., Sharma N.N., Khadiya M., Fluid-Structure Interaction Modelling of Physiological Loading-Induced Canalicular Fluid Motion in Osteocyte Network in International Conference on Thermofluids 2020, 23rd -25th January 2020, KIIT Deemed to be University, Bhubaneswar, India.</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Paper Award	Title of Innovation / Start-up Secured the Award / Recognition	Kumar R., Tiwari A.K., Tripathi D., Sharma N.N., Khadiya M., Fluid-Structure Interaction Modelling of Physiological Loading-Induced Canalicular Fluid Motion in Osteocyte Network in International Conference on Thermofluids 2020, 23rd -25th January 2020, KIIT Deemed to be University, Bhubaneswar, India.	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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Award/Recognition/Achievement Received for	Novel Research Paper/Work																					
4	BRIC BIRAC REGIONAL INNOVATION CENTRE IDEA EXPOSITION 2019 on INNOVATIONS IN BIOENGINEERING and HEALTH CARE	IPR	Exhibition	IIT-BHU	Govt. Agency (Central)	23-10-2019 00:00:00	24-10-2019 00:00:00	2	1	1	2	No	---	---	No	No						

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

5	Pre-Commission Training Course 167	Innovation	Training	Officers training Academy Kamptee	Govt. Agency (Central)	02-11-2019 00:00:00	01-02-2020 00:00:00	92	0	1	1	Yes	Award for Best Flag Area Briefing	Best Flag Area Briefing	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000.00	Award / Position / Recognition Secured	Award for Best Flag Area Briefing
6	Short-term electricity load forecast using hybrid model based on neural network and evolutionary algorithm	Innovation	Conference	NIT Warangal	Govt. Agency (Central)	19-06-2019 00:00:00	21-06-2019 00:00:00	3	0	1	1	No	---	---	No	No		
7	TOO-MUCH - Testing Online Over MNNIT Unified Coding Hub ICCAEE E-2019	Innovation	Conference	REC Sonbhadra	Govt. Agency (State)	30-08-2019 00:00:00	31-08-2019 00:00:00	2	1	0	1	No	---	---	No	No		

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

8	Spilt Behaviour of Supervised Machine Learning Algorithms for Phishing URL Detection . Second International Conference on VLSI, Communication and Signal Processing (VCAS 2019) held during October 21-23, 2019 at ECED, MNNIT Allahabad.	Innovation	Conference	MNNIT Allahabad	Govt. Agency (Central)	21-10-2019 00:00:00	23-10-2019 00:00:00	3	1	0	1	No	---	---	No	No
9	Event detection from twitter streaming data	Innovation	Conference	GLA University Mathura	Non-Govt. Agencies	22-11-2019 00:00:00	23-11-2019 00:00:00	2	1	0	1	No	---	---	No	No
10	Data Clustering Using Environmental Adaption Method.	Innovation	Conference	VIT Bhopal	Non-Govt. Agencies	10-11-2019 00:00:00	12-11-2019 00:00:00	3	1	0	1	No	---	---	No	No
11	Weighted mean variant with exponential decay function of Grey Wolf Optimizer under Swarm Based Algorithm .	Innovation	Conference	VIT Bhopal	Non-Govt. Agencies	10-11-2019 00:00:00	12-11-2019 00:00:00	3	1	0	1	No	---	---	No	No

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

12	An Approach for Human Machine Interaction using Dynamic Hand Gesture Recognition	Innovation	Conference	IIIT Allahabad	Govt. Agency (Central)	06-12-2019 00:00:00	08-12-2019 00:00:00	3	1	0	1	No	---	---	No	No
13	Multi-attribute decision making Entropy-TOPSIS based cluster head selection in WSN.	Innovation	Conference	SVNIT Surat Gujarat	Govt. Agency (Central)	12-12-2019 00:00:00	14-12-2019 00:00:00	3	1	0	1	No	---	---	No	No
14	Increasing Efficiency of Sensor Nodes by Clustering in Section Based Hybrid Routing Protocol with Artificial Bee Colony.	Innovation	Conference	IIITM Kerala	Govt. Agency (Central)	18-12-2019 00:00:00	21-12-2019 00:00:00	4	1	0	1	No	---	---	No	No
15	VChain Efficient Blockchain based Vehicular Communication Protocol	Innovation	Conference	Amity University Noida	Non-Govt. Agencies	29-01-2020 00:00:00	31-01-2020 00:00:00	3	1	0	1	No	---	---	No	No
16	An Enhanced Differential Evolution Algorithm with New Environmental based Parameters for Solving Optimization Problems	Innovation	Conference	Manipal University Jaipur	Non-Govt. Agencies	13-02-2020 00:00:00	15-02-2020 00:00:00	3	1	0	1	No	---	---	No	No

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

17	Towards Software-Defined Peer-to-Peer Content Delivery Network for Adaptive Video Streaming	Innovation	Conference	IIT Kottayam Kerala	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	1	0	1	No	---	---	No	No	
18	All India DIC MEET	IPR	Exhibition	SPA New Delhi	Govt. Agency (Central)	11-04-2019 00:00:00	12-04-2019 00:00:00	2	1	0	1	No	---	---	No	No	
19	DIC Review Meeting	Entrepreneurship/Startup	Mentoring Session	IIT BHU	Educational Institute	28-06-2019 00:00:00	28-06-2019 00:00:00	1	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3272.00	No
20	DIC Exhibition and Review Meeting	Entrepreneurship/Startup	Exhibition	IIT Delhi	Educational Institute	26-11-2019 00:00:00	26-11-2019 00:00:00	1	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	24885.29	No
21	CALCON 2020	Innovation	Conference	IEEE Kolkata Section	International Agencies	28-02-2020 00:00:00	29-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18700.00	No
22	IEEE India Council International Conference (INDICON 2019)	Innovation	Conference	Marwadi University Rajkot	Educational Institute	13-12-2019 00:00:00	15-12-2019 00:00:00	3	2	1	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	64750.00	No
23	IEEE Ninth Power India International Conference - PIICON 2020	Innovation	Conference	Deenbandhu Chhotu Ram University of Science and Technology, Murthal Delhi-National Capital Region, India	Educational Institute	28-02-2020 00:00:00	01-03-2020 00:00:00	3	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	23242.00	No

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

24	2019 IEEE 8th International Conference of Power Systems	Innovation	Conference	MNIT Jaipur	Educational Institute	20-12-2019 00:00:00	22-12-2019 00:00:00	3	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28500.00	No						
25	2019 International Conference on Electrical, Electronics and Computer Engineering (UPCON)	Innovation	Conference	Zakir Husain College of Engineering and Technology, Aligarh Muslim University, Aligarh, India	Educational Institute	08-11-2019 00:00:00	10-11-2019 00:00:00	3	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28720.00	No						
26	7th International Conference on Advances in Energy Research	Innovation	Conference	IIT Bombay	Educational Institute	10-12-2019 00:00:00	12-12-2019 00:00:00	3	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	45000.00	No						
27	TENCON 2019	Innovation	Conference	IEEE Kerala Section	International Agencies	17-10-2019 00:00:00	20-10-2019 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	56888.00	No						
28	2019 Global Conference for Advancement in Technology (GCAT)	Innovation	Conference	IEEE Bangalore section	International Agencies	18-10-2019 00:00:00	20-10-2019 00:00:00	3	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	35000.00	No						
29	2019 IEEE Students Conference on Engineering and Systems (SCES)	Innovation	Conference	MNNIT Allahabad	Educational Institute	29-05-2019 00:00:00	31-05-2019 00:00:00	3	6	0	6	Yes	Best Paper Award	Best Paper Award	Total Total Expense Amount Incurred by Institute? (In Rupees)	22500.00	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Paper Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Paper Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Paper Award	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	Best Paper Award																						
Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						



**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

30	2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP)	Innovation	Conference	Indian Institute of Information Technology Design and Manufacturing Kanchipuram Chennai	Govt. Agency (Central)	04-07-2019 00:00:00	06-07-2019 00:00:00	3	1	0	1	No	---	---	No	No	
31	Int. Conf. on Electrical and Electronics Engg. (ICEEE 2020)	Innovation	Conference	NPTI Faridabad	Govt. Agency (Central)	28-02-2020 00:00:00	29-02-2020 00:00:00	2	1	0	1	No	---	---	No	No	
32	45th Annual Conf. of IEEE Ind. Electronics (IECON 2019)	Innovation	Conference	Lisbon, Portugal	International Agencies	14-10-2019 00:00:00	17-10-2019 00:00:00	4	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	240000.00	No
33	2nd PAN India Research Network Meet - Industry and Academia Amalgamation	Innovation	Seminar	National Institute of Wind Energy, MNRE Chennai and MNIT Jaipur	Corporate / Industry Association	06-01-2020 00:00:00	06-01-2020 00:00:00	1	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000.00	No
34	Technological advancement in chemical engineering	Innovation	Training	BIET, Jhansi	Educational Institute	27-07-2019 00:00:00	31-07-2019 00:00:00	5	0	2	2	No	---	---	No	No	
35	International Conference on Electrical, Electronics and Computer Engineering (UPCON-2019)	Innovation	Conference	Aligarh Muslim University, Aligarh	Educational Institute	08-10-2019 00:00:00	10-10-2019 00:00:00	3	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	47585.00	No

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

36	Advance Engg Optimization through Intelligent Techniques (AEOTIT)	Innovation	Conference	SVNIT Surat	Educational Institute	25-11-2019 00:00:00	29-11-2019 00:00:00	5	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9590.00	No						
37	IEEE conference on Information and Communication Technology (CICT-2019)	Innovation	Conference	IIT Allahabad	Educational Institute	06-12-2019 00:00:00	08-12-2019 00:00:00	3	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12790.00	No						
38	Signal Processing and Integrating Network (SPIN2020)	Innovation	Conference	Amity University	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9655.00	No						
39	International conference On Computing Communications and Networking Technologies (ICCCNT)	Innovation	Conference	IIT Kanpur	Educational Institute	06-07-2019 00:00:00	08-07-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7000.00	No						
40	National Students Space Challenge, a Competition	Innovation	Innovation Contest	IIT Kharagpur	Educational Institute	01-11-2019 00:00:00	03-11-2019 00:00:00	3	4	0	4	Yes	1st Position	National Students Space Challenge Competitions	Total Total Expense Amount Incurred by Institute? (In Rupees)	11660.00	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Position</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>National Students Space Challenge Competitions</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Position	Title of Innovation / Start-up Secured the Award / Recognition	National Students Space Challenge Competitions	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1st Position																						
Title of Innovation / Start-up Secured the Award / Recognition	National Students Space Challenge Competitions																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
41	International Collegiate Programming Contest	Innovation	Ideation	IIT Kanpur	Educational Institute	30-12-2019 00:00:00	31-12-2019 00:00:00	2	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4820.00	No						

**Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Product Design and Development	IPR, Innovation	Full time Program	Master	Department of Mechanical Engineering	22-07-2019	09-12-2019	141	Offline	22	40
2	Product Design and Development	IPR, Innovation	Full time Program	Bachelor	Department of Mechanical Engineering	06-01-2020	11-07-2020	188	Offline	167	40
3	Bioethics Biosafety and IPR	IPR, Innovation	Elective/Core Credit Course	Master	Department of Biotechnology	01-01-2020	30-06-2020	182	Offline	35	40
4	IPR and Biotechnology	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	Department of Biotechnology	01-01-2020	30-06-2020	182	Offline	35	30
5	Innovations in Healthcare	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	01-01-2020	30-06-2020	182	Offline	85	30
6	Design Research and Ethical Guidelines	IPR, Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	01-07-2019	30-12-2019	183	Offline	85	30
7	Entrepreneurship and Innovation Management	Entrepreneurship/Startup, Innovation	Full time Program	Master	School of Management Studies	06-01-2020	11-07-2020	188	Offline	36	40

**Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Advances in Composite Materials-II (ACM II-2019)	Innovation	FDP in I&E / IPR	Department of Mechanical Engineering	17-12-2019	21-12-2019	5	Offline	36	30
2	Structural Integrity and Reliability (SIR 2019)	Innovation	FDP in I&E / IPR	Department of Mechanical Engineering	23-12-2019	27-12-2019	5	Offline	39	30
3	Skill Development Program on Basic Computer Training	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Chairmans Desk Skill Development Program for Non Teaching Staff MNNIT Allahabad and Department of Electrical Engineering KNIT Sultanpur	24-06-2019	29-06-2019	6	Offline	55	42
4	VLSI Design and Embedded Systems (VDES-2019)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Electronics and Communication Engineering	13-06-2019	12-07-2019	30	Offline	89	144

5	Data Driven Computing and Networking (DDCN-2019)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Computer Science and Engineering	10-06-2019	05-07-2019	26	Offline	78	150
6	Summer training programme in Biotechnology	Innovation	Employment Generation Training Programs	Department of Biotechnology	28-05-2019	27-06-2019	31	Offline	35	125
7	Resilient Operation and Control of Microgrid	Innovation	Employment Generation Training Programs	Department of Electrical Engineering	06-01-2020	10-01-2020	5	Offline	32	35
8	4th Summer Internship Program in Electrical Engineering (SIPEE-2019)	Innovation	Employment Generation Training Programs	Department of Electrical Engineering	11-06-2019	08-07-2019	28	Offline	60	200
9	Research Aspects in Chemical Engineering (RACE-2019)	Innovation	Employment Generation Training Programs	Department of Chemical Engineering	24-05-2019	07-06-2019	15	Offline	30	50
10	Learning Python Applications Development in Industrial Applications (LPADIP-2019)	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Computer Science and Engineering	10-06-2019	05-07-2019	26	Offline	109	150
11	Workshop-cum-Training program (WCTP - 2019)	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Computer Science and Engineering	10-06-2019	05-07-2019	26	Offline	75	150
12	Evolving Concepts in Design of Reinforced Concrete Buildings Design-2019	Innovation	Employment Generation Training Programs	Department of Civil Engineering	03-06-2019	28-06-2019	26	Offline	20	136
13	Summer Training cum Internship Programme in Civil Engineering (STIPCE-2019)	Innovation	Employment Generation Training Programs	Department of Civil Engineering	10-06-2019	05-07-2019	26	Offline	26	106
14	Hydrological Geotechnical and Geological Investigations for Dams	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Civil Engineering	22-05-2019	26-05-2019	5	Offline	30	35
15	Short Term Internship Programme	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Civil Engineering	03-06-2019	28-06-2019	26	Offline	28	184
16	Summer Training cum Internship Programme in Civil Engineering (STIPCE-2019)	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Civil Engineering	10-06-2019	05-07-2019	26	Offline	30	156
17	Summer Training cum Internship Programme in Geoinformatics and Civil Engineering (STIPGCE- 2019)	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Civil Engineering	10-06-2019	06-07-2019	27	Offline	35	162
18	Software Application in Design of Structures	Innovation	FDP in I&E / IPR	Department of Civil Engineering	08-07-2019	12-07-2019	5	Offline	32	30
19	Water Quality Assessment Reservoir Sedimentation and Risk Remedial Measures	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Civil Engineering	25-09-2019	29-09-2019	5	Offline	35	30
20	design of water retaining structures	Innovation	FDP in I&E / IPR	Department of Civil Engineering	14-10-2019	18-10-2019	5	Offline	40	35
21	Workshop-cum-Training Program-2019 on Recent Trends in Computer Science	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Computer Science and Engineering	10-06-2019	05-07-2019	26	Offline	55	182
22	Developing Massive Open Online Courses (MOOCs)	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Electronics and Communication Engineering	27-09-2019	01-10-2019	5	Offline	28	35

**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

**No Data Filled!**

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Robotics	Idea Club	2013	Co-working Space	Innovation Labs	8	Mr. Bhuvan Jhamb	RoboticsClub@mnnit.ac.in	8840516827
2	Energy	Idea Club	2018	Co-working Space	Innovation Labs	1	Aditya Pandey	adieyapandey07091998@gmail.com	8887870759
3	Aero Modelling	Idea Club	2016	Co-working Space	Innovation Labs	8	Archit Choudhary	AeroClub@mnnit.ac.in	9521818693
4	Computer Coding	Idea Club	2016	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	25	Anuj Modi	Computer.Club@mnnit.ac.in	9711523327
5	Technical Activities	Idea Club	2016	Co-working Space	Innovation Labs	8	Mr. Bhuvan Jhamb	RoboticsClub@mnnit.ac.in	8840516827
6	SAEINDIA Collegiate Club of MNNIT	Innovation Club	2014	3D Printing	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	6	Shishir Agrahari	shishir@mnnit.ac.in	8400457416
7	Cisco thingQbator MNNIT	Innovation Club	2018	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs	25	Mr. Devansh Sethi	tbqstudentbody@gmail.com	9997213024
8	Institution Innovation Council	Innovation Club	2018	Co-working Space	Innovation Labs	6	Mr. Ashutosh Sabat	ashutoshsabatt2@gmail.com	8328911852

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation on Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

1	Design Innovation Centre (DIC)	Innovation Centre	2015	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Shivesh Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shiveshs@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9415016107</td> </tr> </table>	Facility Incharge Name	Prof. Shivesh Sharma	Facility Incharge Email	shiveshs@mnnit.ac.in	Facility Incharge Phone	9415016107	3	Yes	No	Yes
Facility Incharge Name	Prof. Shivesh Sharma																
Facility Incharge Email	shiveshs@mnnit.ac.in																
Facility Incharge Phone	9415016107																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		Ministry of Education		Govt. Agency (Central)		1000000.00											
2	CiscthingQbator	Maker's Space	2019	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Shahshank Srivastava</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shashank12@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>05322271351</td> </tr> </table>	Facility Incharge Name	Dr. Shahshank Srivastava	Facility Incharge Email	shashank12@mnnit.ac.in	Facility Incharge Phone	05322271351	1	Yes	No	Yes
Facility Incharge Name	Dr. Shahshank Srivastava																
Facility Incharge Email	shashank12@mnnit.ac.in																
Facility Incharge Phone	05322271351																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		NASSCOM Foundation		Not-Govt. Agencies		3205871.00											

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

1	Central Instrumentation Facility	2014	Innovation Labs		Facility Incharge Name	Dr. Vishnu Agarwal	05	No	Yes		Yes
					Facility Incharge Email	hbiod@mnnit.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	05322 271230			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				MNNIT Allahabad			Educational Institute		1000000.00		

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
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**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

1	Centre of Interdisciplinary Research (CIR)	2012	Centre of Excellence with Advance Tools	MNNIT, DST, DRDO, CSIR, TEQIP-III	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Naresh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nsisodia@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9454200193</td> </tr> </table>	Facility Incharge Name	Dr. Naresh Kumar	Facility Incharge Email	nsisodia@mnnit.ac.in	Facility Incharge Phone	9454200193	4	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>96975.00</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	96975.00	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Dr. Naresh Kumar																						
Facility Incharge Email	nsisodia@mnnit.ac.in																						
Facility Incharge Phone	9454200193																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	96975.00																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
2	Design Centre	1999	Innovation Park/Research Park	Institute Funding (MHRD)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. D. S. Kushwaha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hcsed@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9415014159</td> </tr> </table>	Facility Incharge Name	Prof. D. S. Kushwaha	Facility Incharge Email	hcsed@mnnit.ac.in	Facility Incharge Phone	9415014159	9	No	No	No								
Facility Incharge Name	Prof. D. S. Kushwaha																						
Facility Incharge Email	hcsed@mnnit.ac.in																						
Facility Incharge Phone	9415014159																						

**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

1	Industrial Estate	1975	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. R. K. Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ocie@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>05322 271406</td> </tr> </table>	Facility Incharge Name	Prof. R. K. Singh	Facility Incharge Email	ocie@mnnit.ac.in	Facility Incharge Phone	05322 271406	68	No	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>3122909.00</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	3122909.00	No
Facility Incharge Name	Prof. R. K. Singh																						
Facility Incharge Email	ocie@mnnit.ac.in																						
Facility Incharge Phone	05322 271406																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	3122909.00																						
2	Software Technology Parks of India (Allahabad)	1991	Innovation Labs	Ministry of Electronics and Information Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Nikhil Kumar Rai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nk.raiestpi.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>05322 5669110</td> </tr> </table>	Facility Incharge Name	Mr. Nikhil Kumar Rai	Facility Incharge Email	nk.raiestpi.in	Facility Incharge Phone	05322 5669110	55	No	No	No								
Facility Incharge Name	Mr. Nikhil Kumar Rai																						
Facility Incharge Email	nk.raiestpi.in																						
Facility Incharge Phone	05322 5669110																						

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Intellectual Property Rights Cell	2012	Incubation Unit, Innovation Labs	Intitute Fund (Dean R&C and Dean Academics) TEQIP Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Geetika</td> </tr> <tr> <td>Facility Incharge Email</td> <td>geetika@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94153 17843</td> </tr> </table>	Facility Incharge Name	Prof. Geetika	Facility Incharge Email	geetika@gmail.com	Facility Incharge Phone	94153 17843	8	Yes	No	Yes
Facility Incharge Name	Prof. Geetika														
Facility Incharge Email	geetika@gmail.com														
Facility Incharge Phone	94153 17843														

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)									
Institute's Own Fund / Resource		MNNIT Allahabad		Educational Institute		757635.00									
2	Dean (Resource Generation & International Affairs)	2011	Incubation Unit, Innovation Labs	Institute Own Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Geetika</td> </tr> <tr> <td>Facility Incharge Email</td> <td>geetika@mnnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94153 17843</td> </tr> </table>	Facility Incharge Name	Prof. Geetika	Facility Incharge Email	geetika@mnnit.ac.in	Facility Incharge Phone	94153 17843	6	Yes	No	Yes
	Facility Incharge Name	Prof. Geetika													
	Facility Incharge Email	geetika@mnnit.ac.in													
Facility Incharge Phone	94153 17843														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)									
Institute's Own Fund / Resource		MNNIT Allahabad		Educational Institute		72170.00									

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Prof. R. P. Tewari	Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design of EEG and Voice Controlled Smart Wheel Chair for Disable People		Within	
	Design and Development of below Knee Lower Limb Prosthesis		Within	
	Design of Magneto Rheological Actuator for Prosthetic Devices		Within	
2	Dr. Radha Rani	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and construction of a dual chamber Microbial Fuel Cell for decolorization of reactive dyes and generation of bioelectricity		Within	
3	Dr. Ashutosh Mani	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Validating the effect of two novel potential Therapeutics for Alzheimer's disease through gene expression analysis		Within	
Testing the efficacy of two novel beta secretase activity modulators as potential therapeutics for Alzheimer's disease		Within		
4	Prof. Shivesh Sharma	Professor	Idea/Innovation Development	11

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development and characterization of herbal formulation against bacterial infection of skin		Within	
	Design and evaluation of herbal formulation for topical applications against fungal infections		Within	
	NEER		Within	
	Counselling Gururs		Within	U80904UP2019PTC113017
5	Dr. N. K. Singh	Associate Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of Smart Solution for plant Disease Detection		Within	
	Development of soil health monitoring system and engineered fertilizer for improvement of agriculture production		Within	
	Comfy Clean Tech Travels		Within	
6	Dr. Ambak Kumar Rai	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Study to investigate the inhibition of methylglyoxal detoxification pathway for development of novel drug in human visceral leishmaniasis		Within	
7	Dr. Sangeeta Negi	Associate Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	To develop a device to measure NOx, COx, O3 for finding correlation of their concentration with soil microbial community		Within	
8	Dr. A. N. Sawarkar	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Nanocellulose from Banana Agro-waste : Isolation, Characterization and Applications		Within	
9	Dr. Harinder Singh	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Natural Flavors Production from Biowaste and Formulation by Innovative Green Routes Using High Pressure: Value Addition and Health Promotion		Within	
10	Prof. Sadhana Sachan	Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Separation of oil from oil-in-water emulsion using integrated separation process		Within	
11	Dr. Siraj Alam	Associate Professor	Idea/Innovation Development	13

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Sound pollution level study in Prayagraj and its possible conversion into electrical energy	Within	
12	Dr. Shweta Tripathi	Assistant Professor	Idea/Innovation Development
	8		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Development of low cost efficient OLED for Photo-Bio-Modulation (PBM) Patch	Within	
13	Prof. Mukul Shukla	Professor	Idea/Innovation Development
	18		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of a 3 D-Printed Orthopaedic Cast for Wrist Fractures	Within	
	Design and Development of Lower limb (Pneumatic controlled) knee Prostheses	Within	
14	Dr. R. Sujithra	Assistant Professor	Idea/Innovation Development
	2		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design of Magneto Rheological Actuator for Prosthetic Devices	Within	
15	Dr. Anubhav Rawat	Assistant Professor	Idea/Innovation Development
	1		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and development of feeder for plug flow mode pneumatic conveying of food powder	Within	
	Design and development of pneumatic conveying pipeline for multiple plug flow of coal ash	Within	
16	Dr. Abhishek Kundu	Assistant Professor	Idea/Innovation Development
	1		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Experimental Investigation of Photovoltaic Solar Panel at Different Conditions	Within	
17	Dr. Sameer Srivastava	Assistant Professor	Idea/Innovation Development
	8		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of sensitive and cost effective method for identification of different pathogenic organism through HRM real time PCR	Within	
18	Dr. Suantak Kamsonlian	Assistant Professor	Idea/Innovation Development
	8		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Green synthesis of iron nano-particles from eucalyptus leaf extracts and its application	Within	
19	Dr. Rajesh Kumar Shastri	Associate Professor	Idea/Innovation Development
	15		

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
MOKSHOM	Within	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship	
1	Dr. Manish Arora, BHU Varanasi	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	DIC Meet 2020	07-02-2020	07-02-2020	1	09	393	Innovation/Prototype	
2	Dr. Mohd. Zaheer Khan Yusufzai, IIT BHU Varanasi	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	DIC Meet 2020	07-02-2020	07-02-2020	1	9	393	Innovation/Prototype	
3	Ms. Disha Kaushal	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	DIC Meet 2020	07-02-2020	07-02-2020	1	9	393	Innovation/Prototype	
4	Mr. Tapan Mukherje, Director, Tech-Force Composites Pvt. Ltd	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	DIC Meet 2020	07-02-2020	07-02-2020	1	9	393	Innovation/Prototype	
5	Prof. P. K. Srivastava, Former Dy. Director CDRI Lucknow	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	DIC Meet 2020	07-02-2020	07-02-2020	1	9	393	Innovation/Prototype	
6	Prof. K. Kamal	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Innovators life and Crossroad	21-09-2019	21-09-2019	1	1	67	Innovation/Prototype	
7	Mr. Arvind Nadig, LI2 Technologies	Entrepreneurship/Startup Development					Structured Mentorship	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Entrepreneurship and Innovation as Career Opportun	21-10-2019	22-10-2019	2	1	64	Early Stage Startup
8	M/s Patentwire Consultants Pvt. Ltd		IPR Protection & Commercialization			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	IPR Consultancy	29-01-2020	31-03-2020	63	24	69	Innovation/Prototype
9	Mr. Ranjeet Gupta, Chandra Metals Pvt. Ltd.		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	1	92	Growth Stage Startup
10	Mr. Anilesh Gupta, Moti Electrical Industries		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	1	95	Growth Stage Startup
11	Mr. Vishwanath Bihani, Moti Electrical Industries		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	1	91	Growth Stage Startup
12	Mrs. Madhu Kesharwani, Moti Electrical Industries		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	2	96	Growth Stage Startup
13	Mr. Bimal Kishore, Sri Ran Fabrication and Engg. Works		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	1	91	Growth Stage Startup
14	Mr. Vijay Kumar, Dee Motoros Pvt. Ltd.		Entrepreneurship/Startup Development			Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Industrial Estate	01-04-2019	31-03-2020	366	2	90	Growth Stage Startup

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

15	Mr. Devarshi Agarwal, Dee Motors Pvt. Ltd.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	95	Growth Stage Startup	
16	Mr. Vinay Agarwal, Ranjana Syndicate	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	93	Growth Stage Startup	
17	Mr. Ashok Kumar Bajpai, Ranjana Syndicate	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	94	Growth Stage Startup	
18	Mr. Subhash Chandra Gupta, Kazami and Associates	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	91	Growth Stage Startup	
19	Mr. Alok Kumar Gupta, Kazami and Associates	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	93	Growth Stage Startup	
20	Ashok Kumar Bajpai, Bharat Wire and Products	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	94	Growth Stage Startup	
21	Mr. Rajesh Agarwal, Repair Centre	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	96	Growth Stage Startup	
22	Mr. Rahul Agarwal, Agarwal Automobile Service	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	93	Growth Stage Startup	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

23	Mr. Rajesh Agarwal, Opho Remedise Pvt. Ltd.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	93	Growth Stage Startup	
24	Mr. Rakesh Agarwal, Opho Remedise Pvt. Ltd.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	90	Growth Stage Startup	
25	Mr. Ravu Bhushan Wadhavan, Hindustan Enterprise	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	92	Growth Stage Startup	
26	Mr. Arun Kumar Jain, Acripods India	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	93	Growth Stage Startup	
27	Mr. Pradeep Kumar, Capital Entreprise	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	94	Growth Stage Startup	
28	Mr. Ravi Shankar Mathur, Mathur and Co.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	3	91	Growth Stage Startup	
29	Mr. Ravi Agarwal, Garg Telecom Corporation	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	3	90	Growth Stage Startup	
30	Mr. Mukul Gupa, Usha Entreprise	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	3	92	Growth Stage Startup	



**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

31	Mrs. Nidhi Gupa, Usha Entreprise	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	92	Growth Stage Startup	
32	Mrs. Preeti Gupa, Usha Entreprise	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	3	93	Growth Stage Startup	
33	Mr. A. S. Darbari, Darbari Engg. Insutries Pvt. Ltd.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	92	Growth Stage Startup	
34	Mr. Ram Yagaya Singh, Northern Chemical Ind.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	1	94	Growth Stage Startup	
35	Mr. Rajesh Agarwal, J. P. Industries	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	91	Growth Stage Startup	
36	Mr. Pramay Mittal, J. P. Industries	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	93	Growth Stage Startup	
37	Mr. Ram Kumar, R. K. Engg. Works	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	94	Growth Stage Startup	
38	Mrs. Mithilesh Goel, R. K. Engg. Works	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Industrial Estate	01-04-2019	31-03-2020	366	2	92	Growth Stage Startup	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

39	Mrs. Mithilesh Goel, Karam Electronics	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	2	93	Growth Stage Startup	
40	Mrs. Nishi Bhargava, Karam Electronics	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	2	94	Growth Stage Startup	
41	Mrs. Rashmi Poddar, Narayan Ice Factory	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	1	92	Growth Stage Startup	
42	Mr. Krishna Parolia, Parlan Thinner LLP	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	1	94	Growth Stage Startup	
43	Mrs. Ushalal, India Transformers	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	1	95	Growth Stage Startup	
44	Mr. R. K. Pandey, Everest Industrials	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	1	96	Growth Stage Startup	
45	Mr. Sudhanshu Tiwari, Joint Comissioner Industries (South Zone) Prayagraj	Entrepreneurship/Startup Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Industrial Estate	01-04-2019	31-03-2020	366	1	93	Growth Stage Startup	
46	Prof. N. C. Shivaprakash Department of Instrumentation & Applied Physics, Indian Institute of Scien	Idea/Innovation Development					Structured Mentorship	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Electronics and C	01-04-2019	31-03-2020	366	17	155	Idea
47	Prof. Ashok De Department of Electronics & Comm. Engg Delhi Technological University, Delhi	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Electronics and C	01-04-2019	31-03-2020	366	17	155	Idea
48	Mr. S. K. Iyer G.M. (H. R. & Pers.) Brahmos Aerospace M-330, Jalvayu Vihar, Sector-25	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Electronics and C	01-04-2019	31-03-2020	366	17	155	Idea
49	Mr. S. M. Vaidya, Executive Director (operations-Refinery), IOCL, New Delhi 110016, India	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Chemical Engineer	01-04-2019	31-03-2020	366	04	126	Idea
50	Mr. Piyush Palkiwala Chairman and Managing Director, Maps (India) Limited 302 Shapath-3 Ahmedabad Gu	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Biotechnology - M	01-04-2019	31-03-2020	366	16	152	Idea
51	Prof. H.N. Mishra, IIT Kharagpur	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Biotechnology - M	01-04-2019	31-03-2020	366	16	152	Idea
52	Prof. Vikas Purthi, IIT Roorkee	Idea/Innovation Development			Structured Mentorship		
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Board of Academics-Department of Biotechnology - M	01-04-2019	31-03-2020	366	16	152	Idea

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

53	Dr. Rajiv Kumar, Consultant to Tata Chemicals Innovation Centre and Ex-Chief Scientist, Tata Chem	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academics-Department of Chemistry - MNNIT	01-04-2019	31-03-2020	366	8	55	Idea	
54	Dr. Rashmi Bala Rastogi, Prof. & Head, Department of Chemistry, IIT-BHU.	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academics-Department of Chemistry - MNNIT	01-04-2019	31-03-2020	366	8	55	Idea	
55	Prof. Siddharth Pandey, Department of Chemistry, IIT, Delhi	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academics-Department of Chemistry - MNNIT	01-04-2019	31-03-2020	366	8	55	Idea	
56	Mr. Amarth Chaturvedi Chief Technical Officer and Director Transerve Technologies Pvt. Ltd., North G	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea	
57	Mr. Amit Saxena, Regional Sales Manager Geospatial and Geoinstruments, Trimble Navigation India Pvt	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea	
58	Dr. Onkar Dikshit, Professor Department of Civil Engineering, IIT Kanpur, Kanpur, Uttar Pradesh Emai	Idea/Innovation Development					Structured Mentorship	
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>	
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea	
59	Dr. Y. S. Rao, Professor, CSRE, IIT Bombay, Powai, Mumbai, Maharastra , Email: ysrao@csre.iitb.ac.i	Idea/Innovation Development					Structured Mentorship	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea
60	Dr. R. D. Garg, Prof. Department of Civil Engineering, IIT Roorkee, Roorkee, Uttarakhand Email : rdg		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea
61	Dr. S. K. Katiyar Professor, Department of Civil Engineering, MANIT Bhopal, Bhopal Email:katiyarsk@m		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Board of Academic - Geographic Information System	01-04-2019	31-03-2020	366	20	20	Idea
62	Prof. V. Kumar, Professor, CED, IIT BHU Varanasi- .Expert Member		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Board of Academic - Department of Civil Engineerin	01-04-2019	31-03-2020	366	13	165	Idea
63	Er. A. K. Tiwari, Vice President, Ultra Tech Cement, Mumbai- Expert Member		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Board of Academic - Department of Civil Engineerin	01-04-2019	31-03-2020	366	13	165	Idea

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	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 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI 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 2019										
1	Hybrid E-bike	Product Innovation	Technological	Design Innovation Centre, MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>21289.00</td> </tr> </table>	Grant Amount in Rs	21289.00	No	No								
Grant Amount in Rs	21289.00																						
<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>Team Green Wave</td> <td>Student</td> <td>Male</td> <td>iamdhruv283@gmail.com</td> <td>8505989460</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Team Green Wave	Student	Male	iamdhruv283@gmail.com	8505989460
Name	Type	Gender	Email	Contact																			
Team Green Wave	Student	Male	iamdhruv283@gmail.com	8505989460																			
<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>Dr. Jitendra N. Gangwar</td> <td>Faculty</td> <td>Male</td> <td>jgangwar@mnnit.ac.in</td> <td>7800293707</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Dr. Jitendra N. Gangwar	Faculty	Male	jgangwar@mnnit.ac.in	7800293707
Name	Type	Gender	Email	Contact																			
Dr. Jitendra N. Gangwar	Faculty	Male	jgangwar@mnnit.ac.in	7800293707																			
2	Design and Development of below Knee Lower Limb Prosthesis	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>35000.00</td> </tr> </table>	Grant Amount in Rs	35000.00	No	No								
Grant Amount in Rs	35000.00																						

Name	Type	Gender	Email	Contact
Ashutosh Kumar Singh	Student	Male	ashutoshks5672@gmail.com	9449682970

Name	Type	Gender	Email	Contact
Prof. R. P. Tewari	Faculty	Male	rptewari@mnnit.ac.in	05322171205

3	Design of Magneto Rheological Actuator for Prosthetic Devices	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
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Name	Type	Gender	Email	Contact
Ms. Ayushi Soni	Student	Female	aayushisoni155@gmail.com	9530154839

Name	Type	Gender	Email	Contact
Prof. R. P. Tewari	Faculty	Male	rptewari@mnnit.ac.in	05322271205

4	Design of EEG and Voice Controlled Smart Wheel Chair for Disable People	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 30000.00	No	No
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Name	Type	Gender	Email	Contact
Ms. Tanya Verma	Student	Female	ttanyaverma@gmail.com	7668124746

Name	Type	Gender	Email	Contact
Prof. R. P. Tewari	Faculty	Male	rptewari@mnnit.ac.in	05322271205

5	Design and development of pneumatic conveying pipeline for multiple plug flow of coal ash	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 30000.00	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>				
Abhas Raj, Aniket Kumar, Bhagwat B Sharma, Anshuman Mishra, Aditya Dubey		Student			Male		aditya@mnnit.ac.in		8368914560				
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>				
Dr. Anubhav Rawat		Faculty			Male		anubhav-r@mnnit.ac.in		8800990759				
6	Design and development of feeder for plug flow mode pneumatic conveying of food powder	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 30000.00	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>				
Anant, Ayush, Kashif, Kartikiya, Dhruv		Student			Male		iamdhruv283@gmail.com		8505989460				
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>				
Dr. Anubhav Rawat		Faculty			Male		anubhav-r@mnnit.ac.in		8800990759				



7	Experimental Investigation of Photovoltaic Solar Panel at Different Conditions	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	8500.00	No	No
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Name	Type	Gender	Email	Contact
Digant Gaur, Mayank Mohan, Dinesh Kumar Meena, Mansi Srivastava, Harshita Singh	Student	Male	digantgaur@gmail.com	6377986166

Name	Type	Gender	Email	Contact
Dr. Abhishek Kundu	Faculty	Male	abhishekkunduamd@mnnit.ac.in	9432391294

8	Design and construction of a dual chamber Microbial Fuel Cell for decolorization of reactive dyes and generation of bioelectricity	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	35000.00	No	No
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Name	Type	Gender	Email	Contact
Sanchita Gupta, Roma Agrahari	Student	Male	agraharioroma@gmail.com	9044797964

Name	Type	Gender	Email	Contact
Dr. Radha Rani	Faculty	Female	radharani@mnnit.ac.in	8126936411

9	Validating the effect of two novel potential Therapeutics for Alzheimer's disease through gene expression analysis	Process Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	35000.00	No	No
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Name		Type		Gender		Email		Contact					
Shivam Prakash		Student		Male		skplskm@gmail.com		9471483352					
Name		Type		Gender		Email		Contact					
Dr. Ashutosh Mani		Faculty		Male		amani@mnnit.ac.in		9455354251					
10	Testing the efficacy of two novel beta secretase activity modulators as potential therapeutics for Alzheimer's disease	Process Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
Name		Type		Gender		Email		Contact					
Amit Chaudhary		Student		Male		amitunited0532@gmail.com		9889307980					
Name		Type		Gender		Email		Contact					
Dr. Ashutosh Mani		Faculty		Male		amani@mnnit.ac.in		9455354251					
11	Development and characterization of herbal formulation against bacterial infection of skin	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
Name		Type		Gender		Email		Contact					
Mr. Jaspreet Singh		Student		Male		jsinghbiot@gmail.com		9630966361					
Name		Type		Gender		Email		Contact					
Prof. Shivesh Sharma		Faculty		Male		shiveshs@mnnit.ac.in		9415016107					

12	Development of Smart Solution for plant Disease Detection	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
Name		Type			Gender		Email		Contact				
Ms. Nidhi Chaudhary		Student			Female		nidhi1559@gmail.com		9451358579				
Name		Type			Gender		Email		Contact				
Dr. Nand Kumar Singh		Faculty			Male		nksingh@mnnit.ac.in		9794049630				
13	Development of soil health monitoring system and engineered fertilizer for improvement of agriculture production	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
Name		Type			Gender		Email		Contact				
Ms. Shadma Afzal		Student			Female		shadmaafzal@mnnit.ac.in		7234863433				
Name		Type			Gender		Email		Contact				
Dr. Nand Kumar Singh		Faculty			Male		nksingh@mnnit.ac.in		9794049630				
14	Design and evaluation of herbal formulation for topical applications against fungal infections	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No

Name		Type		Gender		Email		Contact						
Mr. Jaspreet Singh		Student		Male		jsinghbiot@gmail.com		9630966361						
Name		Type		Gender		Email		Contact						
Prof. Shivesh Sharma		Faculty		Male		shiveshs@mnnit.ac.in		9415016107						
15	Study to investigate the inhibition of methylglyoxal detoxification pathway for development of novel drug in human visceral leishmaniasis	Process Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	35000.00	No	No
Name		Type		Gender		Email		Contact						
Gautam Suresh Moon, Nimisha Gupta		Student		Male		gsm282828@gmail.com		9511891290						
Name		Type		Gender		Email		Contact						
Dr. Ambak Kumar Rai		Faculty		Male		ambakrai@mnnit.ac.in		8765787601						
16	Development of sensitive and cost effective method for identification of different pathogenic organism through HRM real time PCR	Process Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	35000.00	No	No
Name		Type		Gender		Email		Contact						
Mayur Kailas Patil, Ashish Kumar		Student		Male		mayurpatil8991@gmail.com		7030479728						
Name		Type		Gender		Email		Contact						
Dr. Sameer Srivastava		Faculty		Male		sameers@mnnit.ac.in		989864633						

17	To develop a device to measure NOx, COx, O3 for finding correlation of their concentration with soil microbial community	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
Name		Type			Gender		Email			Contact			
Shipra, Mohit		Student			Female		shiprachaudhary1698@gmail.com			8953664001			
Name		Type			Gender		Email			Contact			
Dr. Sangeeta Negi		Faculty			Female		sn5@mnnit.ac.in			05322271221			
18	Green synthesis of iron nano-particles from eucalyptus leaf extracts and its application	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000.00	No	No
Name		Type			Gender		Email			Contact			
Mr. Praveen Dubey		Student			Male		dubeypraveen321@gmail.com			8962707872			
Name		Type			Gender		Email			Contact			
-		Faculty			Male		suantakk@mnnit.ac.in			7376539875			
19	Nanocellulose from Banana Agro-waste : Isolation, Characterization and Applications	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000.00	No	No

Name		Type		Gender		Email		Contact					
Trilok Patil		Student		Male		ansawarkar@mnnit.ac.in		8795291646					
Name		Type		Gender		Email		Contact					
Dr. Asheesh N. Sawarkar		Faculty		Male		ansawarkar@mnnit.ac.in		8795291646					
20	Natural Flavors Production from Biowaste and Formulation by Innovative Green Routes Using High Pressure: Value Addition and Health Promotion	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000.00	No	No
Name		Type		Gender		Email		Contact					
Mr. Prikshit Pandey		Student		Male		hsingh@mnnit.ac.in		9936393111					
Name		Type		Gender		Email		Contact					
Dr. Harinder Singh		Faculty		Male		hsingh@mnnit.ac.in		9936393111					
21	Separation of oil from oil-in-water emulsion using integrated separation process	Process Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000.00	No	No
Name		Type		Gender		Email		Contact					
Vivek Kumar Yadav, Himanshu Agarwal, Amol Agarwal, Malla Akash		Student		Male		akashmalla924@gmail.com		9573931959					
Name		Type		Gender		Email		Contact					
Prof. Sadhana Sachan		Faculty		Female		sadhanas@mnnit.ac.in		05322271522					

22	Sound pollution level study in Prayagraj and its possible conversion into electrical energy	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000.00	No	No
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Name	Type	Gender	Email	Contact
Rashmi Priya, Bushra Khaton	Student	Female	msalam@mnnit.ac.in	05322271584

Name	Type	Gender	Email	Contact
Dr. M. Siraj Alam	Faculty	Male	msalam@mnnit.ac.in	05322271584

23	Design and Development of low cost efficient OLED for Photo-Bio-Modulation (PBM) Patch	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
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Name	Type	Gender	Email	Contact
Ms. Anshika Srivastava	Student	Female	anshikasrivastava@mnnit.ac.in	05322271467

Name	Type	Gender	Email	Contact
Dr. Shweta Tripathi	Faculty	Female	shtri@mnnit.ac.in	05322271467

24	Development of a 3 D-Printed Orthopaedic Cast for Wrist Fractures	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs 35000.00	No	No
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Name		Type		Gender		Email		Contact						
Mohd. Ahad Islam, Yogesh Tripathi		Student		Male		m.ahadislam@hotmail.com		981014684						
Name		Type		Gender		Email		Contact						
Prof. Mukul Shukla		Faculty		Male		mukulshukla@mnnit.ac.in		9451992782						
25	Design and Development of Lower limb (Pneumatic controlled) knee Prostheses	Product Innovation	Technological	DIC MNNIT Allahabad	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs	30000.00	No	No
Name		Type		Gender		Email		Contact						
Mr. Ankit Verma		Student		Male		ankitverma064@gmail.com		7838463271						
Name		Type		Gender		Email		Contact						
Prof. Mukul Shukla		Faculty		Male		mukulshukla@mnnit.ac.in		9451992782						
Prof. R. P. Tewari		Faculty		Male		rptewari@mnnit.ac.in		05322271205						

**Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**



Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20		Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/ incubation or institute during the financial period 2019-20	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 2019-20	
										Grant Amount in Rs					
1	Counselling Gurus(Supervision Educare Private Limited)	Service Innovation	Technological	4923	Student	Venture with Corporate Identification Number (CIN) Registration	2019-20	Received Incubation Support from Incubation Unit	Agency Name	IIT Guwahati	Grant Amount in Rs	30000.00	No	No	Yes
						Agency Type			Educational Institute						
								Award / Position / Recognition Secured	Runner up						
Name		DIN number		Type		Gender		Email		Contact					
Mr. Himanshu Chaurasia		8346742		Student		Male		himanshu.dakshana17@gmail.com		9580370547					
2	COMFYCLE AN TECHTRAVELS PRIVATE LIMITED	Product Innovation,Service Innovation	Non-Technological	4923	Student	Venture with MSME Registration No	2019-20	Graduated from the Incubation unit	Agency Name	UP STARTUP CONCLAVE	Grant Amount in Rs	30000.00	No	No	Yes
						Agency Type			Govt. Agency (State)						
						Venture with GST No			Listed in Top 100						

Name	DIN number	Type	Gender	Email	Contact
Mr. Sonu Kumar Gupta	8333502	Student	Male	guptasonu123123@gmail.com	8077436405

**Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	NASSCOM Foundation	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	25	01-08-2019
2	United Institute of Pharmacy, Prayagraj	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	16-12-2019

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

<b>No Data Filled!</b>
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**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	A method and a system for automatic detection and grading of cataract	201931016829	National	2019 - 04	Uploaded
2	A method of gold nanoparticles synthesis for detection of heavy metals through electrochemical analyzer	201911043605	National	2019 - 10	Uploaded
3	An anti-microbial herbal formulation and a process of preparing the same	202011003755	National	2020 - 01	Uploaded