



ARIIA

ATL 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: NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR [ARI-U-0055]

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	Civil Engineering	Academic Department with lab facility	Water Resources Engineering; Geotechnical Engineering; Transportation Engineering; Structural Dynamics & Earthquake Engineering; Structural Engineering	UG / PG / PhD	Technical	745	33	14
2	Mechanical Engineering	Academic Department with lab facility	Thermal Engineering; Design & Manufacturing; CAD-CAM & Automation; Materials & Manufacturing Technology	UG / PG / PhD	Technical	713	32	17
3	Electrical Engineering	Academic Department with lab facility	Power and Energy Systems Engineering; Control & Industrial Automation	UG / PG / PhD	Technical	626	27	14
4	Electronics and Communication Engineering	Academic Department with lab facility	Microelectronics & VLSI Design, Communication Engineering, Signal Processing	UG / PG / PhD	Technical	661	31	8
5	Computer Science and Engineering	Academic Department with lab facility	Computer Science and engineering, Artificial Intelligence, Data Science, Natural Language Processing	UG / PG / PhD	Technical	600	24	7
6	Electronics and Instrumentation Engineering	Academic Department with lab facility	Control system, Bio-medical instrumentation,	UG / PG / PhD	Technical	284	15	8
7	Mathematics	Academic Department with lab facility	Mathematics, Operation research, Optimization	UG / PG / PhD	Technical	56	12	2
8	Physics	Academic Department with lab facility	Theoretical Physics, Applied Physics, Quantum Physics, Nano-materials	UG / PG / PhD	Technical	37	8	4

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

9	Chemistry	Academic Department with lab facility	Bio-chemistry, organic chemistry, materials	UG / PG / PhD	Technical	58	8	5
10	Management Studies	Academic Department with lab facility	Management	UG / PG / PhD	Non-Technical	107	6	1
11	Humanities and Social Sciences	Academic Department with lab facility	Literature, communication, Economics	UG / PG / PhD	Non-Technical	33	4	1
12	Startup Centre	Pre-incubation unit	IT and ITes	At all level	Both	30	2	1
13	Natural Language Processing	Centre of Excellence with Advance Tools & Equipment	NLP, Health Care ChatBot	At all level	Technical	25	2	1
14	Indovation lab	Pre-incubation unit	IT and ITes, Product prototype development, 3D printing	At all level	Technical	50	2	1
15	Regional Test Centre for solar thermal devices	Research Unit / Park	Solar thermal devices	UG / PG / PhD	Technical	16	2	1
16	NABL	Industry Institute Interface Unit	Testing, measurement, consultancy	At all level	Technical	15	3	2
17	IPR	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	All Science and Engineering	At all level	Both	150	2	1
18	IIPC	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Industrial collaboration	At all level	Both	55	1	1
19	Central instrumentation facility	Centre of Excellence with Advance Tools & Equipment	material characterization	UG / PG / PhD	Technical	120	2	1
20	IEDC	Pre-incubation unit	All engineering and science	At all level	Both	110	2	1

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 : IC201810631
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)	Yes	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?						
1	ELIXIR	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	06-04-2019 00:00:00	07-04-2019 00:00:00	2	Within Campus	90	24	0	0	114	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 58000	No						
2	Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Mechanical Engineering	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	52	12	0	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 23500	No						
3	Srijan 1.0	Entrepreneurship/Startup, Innovation	Start-up Conclave	Student Lead Activity	Institute Innovation Council	09-12-2019 00:00:00	10-12-2019 00:00:00	2	Within Campus	560	21	12	4	597	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 174000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Agriculture</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Agriculture	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																					
Title of Innovation / Start-up Secured the Award / Recognition	Agriculture																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
4	Success Story 2.0	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Institute Innovation Council	19-11-2019 00:00:00	19-11-2019 00:00:00	1	Within Campus	110	16	0	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10500	No						

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

5	Smart India Hackathon-SIH-2020	Innovation	Innovation Contest	Institute Lead Activity	Institute Innovation Council	15-02-2020 00:00:00	16-02-2020 00:00:00	2	Within Campus	175	21	0	0	196	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	40600	Award / Position / Recognition Secured	Grand Finale
																	Title of Innovation / Start-up Secured the Award / Recognition	IT and ITes
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
6	NITS Hacks 3.0	Innovation	Hackathon	Student Lead Activity	Institute Innovation Council	01-02-2020 00:00:00	02-02-2020 00:00:00	2	Within Campus	150	25	100	2	277	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	125000	No	
7	MeitY TIDE 2.0 Techathon- X1	Innovation	Hackathon	Institute Lead Activity	Institute Innovation Council	14-03-2020 00:00:00	15-03-2020 00:00:00	2	Within Campus	75	12	15	6	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75000	Award / Position / Recognition Secured	First
																	Title of Innovation / Start-up Secured the Award / Recognition	IR Based Driver assistant for Accident avoidance
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
8	Anveshan	Innovation	Innovation Contest	Institute Lead Activity	Research and Consultancy Cell	10-01-2020 00:00:00	12-01-2020 00:00:00	3	Within Campus	480	45	0	3	528	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	240000	Award / Position / Recognition Secured	First
																	Title of Innovation / Start-up Secured the Award / Recognition	Natural Dye Sensitized Solar Cell using indigenous North East Plant Dyes.
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

9	Biomedical Instrumentation System for Clinical Diagnostic and Research	Innovation	Workshop	Institute Lead Activity	Electrical Engineering	20-02-2020 00:00:00	24-02-2020 00:00:00	5	Within Campus	55	12	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	145000	No						
10	IEDC Project Competition	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	IEDC	23-02-2020 00:00:00	23-02-2020 00:00:00	1	Within Campus	120	8	0	0	128	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Awarded</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>DRL Based Liquid Lens Auto-Focus System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Awarded	Title of Innovation / Start-up Secured the Award / Recognition	DRL Based Liquid Lens Auto-Focus System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Awarded																						
Title of Innovation / Start-up Secured the Award / Recognition	DRL Based Liquid Lens Auto-Focus System																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
11	Cyber Security	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	14-10-2019 00:00:00	19-10-2019 00:00:00	6	Within Campus	21	15	0	12	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	58000	No						
12	Recent Developments in Water and Geo-Environmental issues	Innovation	Training	Institute Lead Activity	Department of Civil Engineering	05-08-2019 00:00:00	09-08-2019 00:00:00	5	Within Campus	48	14	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	52000	No						
13	Challenges in Operation and Control of Distributed Energy Resources	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electrical Engineering	26-07-2019 00:00:00	30-07-2019 00:00:00	5	Within Campus	75	17	0	0	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	78000	No						
14	eSMART	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering	20-05-2019 00:00:00	24-05-2019 00:00:00	5	Within Campus	96	9	7	3	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	135500	No						

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

15	Recent Advancement in Microwave Engineering	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	01-04-2019 00:00:00	05-04-2019 00:00:00	5	Within Campus	46	12	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	94000	No
16	MEMS Engineered Medicine Breaking Barriers in Medical Diagnostics	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	13-04-2019 00:00:00	17-04-2019 00:00:00	5	Within Campus	58	11	2	1	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	112000	No
17	Students Solar Ambassador Workshop	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Gyansagar	02-10-2019 00:00:00	02-10-2019 00:00:00	1	Within Campus	35	19	247	14	315	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	90000	No
18	Deep Learning Techniques & Tools: An Academic & Industrial Approach	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	08-04-2019 00:00:00	12-04-2019 00:00:00	5	Within Campus	62	12	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	110000	No
19	International Conference on Big Data, Machine Learning and Applications	Innovation	Conference	Institute Lead Activity	Computer Science and Engineering	16-12-2019 00:00:00	19-12-2019 00:00:00	4	Within Campus	40	36	21	15	112	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	310000	No
20	Data Analytics with Machine Learning Techniques	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Within Campus	42	7	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	47000	No
21	Computer Vision and Pattern Recognition Using Machine Learning	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Within Campus	25	9	10	0	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	51000	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

Srno	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	
															Total	Expense Amount Incurred by Institute? (In Rupees)	Award / Position / Recognition Secured	First
1	MeitY TIDE	Innovation	Hackathon	Assam Startup	Govt. Agency (Central)	14-03-2020 00:00:00	15-03-2020 00:00:00	2	65	8	73	Yes	First	IR based driver eye detection for safe driving	Total	86000	Award / Position / Recognition Secured	First
																Title of Innovation / Start-up Secured the Award / Recognition	IR based driver eye detection for safe driving	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
2	Robotics Competition	Innovation	Innovation Contest	Assam Engineering College	Govt. Agency (Central)	20-02-2020 00:00:00	23-02-2020 00:00:00	4	4	0	4	Yes	First prize	Robot for Robosoccer and robowar	No		Award / Position / Recognition Secured	First prize
																Title of Innovation / Start-up Secured the Award / Recognition	Robot for Robosoccer and robowar	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
3	KIIT Innovation Challenge	Innovation	Hackathon	KIIT Bhubaneswar	Educational Institute	06-01-2020 00:00:00	08-01-2020 00:00:00	3	4	0	4	Yes	First	Business Plan	No		Award / Position / Recognition Secured	First
																Title of Innovation / Start-up Secured the Award / Recognition	Business Plan	
																Award/Recognition/Achievement Received for	Business Model/Start up	

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

4	ASME E-FEST 2020	Innovation	Innovation Contest	Marwadi University, Rajkot, India	Educational Institute	28-02-2020 00:00:00	01-03-2020 00:00:00	3	14	1	15	Yes	2nd	Human Powered Vehicle Cycle	Total Total Expense Amount Incurred by Institute? (In Rupees)	720000	Award / Position / Recognition Secured	2nd	Title of Innovation / Start-up Secured the Award / Recognition	Human Powered Vehicle Cycle	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
5	24th International Symposium in Frontiers of Research on Speech and Music	Innovation	Conference	Allenhouse Institute of Technology, Kanpur	Educational Institute	06-07-2019 00:00:00	07-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	33500	No					
6	3rd international conference on Recent Development in Control, Automation and Power Engineering	Innovation	Conference	Amity University	Educational Institute	10-10-2019 00:00:00	11-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	89000	No					
7	IEEE TENCON 2019	Innovation	Conference	IEEE Kerala section	Non-Govt. Agencies	17-10-2019 00:00:00	20-10-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	67000	No					
8	25th annual International Conference on Advanced Computing and Communications	Innovation	Conference	The International Institute of Information Technology Bangalore	Educational Institute	05-09-2019 00:00:00	07-09-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	80000	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

9	2019 International Conference on Information Technology	Innovation	Conference	International Institute of Information Technology (IIIT), Bhubaneswar	Govt. Agency (Central)	19-12-2019 00:00:00	21-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	48000	No
10	International Congress on Computational Mechanics and Simulation	Innovation	Conference	IIT Mandi	Govt. Agency (Central)	11-12-2019 00:00:00	13-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	36500	No
11	2019 IEEE 16th India Council International Conference (INDICON)	Innovation	Conference	IEEE Gujarat Section	Non-Govt. Agencies	13-12-2019 00:00:00	15-12-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	37500	No
12	The IEEE Region 10 Symposium	Innovation	Conference	IEEE Kolkata Section	Non-Govt. Agencies	07-06-2019 00:00:00	09-06-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
13	2019 IEEE Region 10 Symposium (TENSYM)	Innovation	Conference	IEEE Kolkata Section	Non-Govt. Agencies	07-06-2019 00:00:00	09-06-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
14	International Conference on Frontiers in Smart Systems Technologies	Innovation	Conference	Vel Tech Rangaraj an Dr. Saguntha la R and D Institute of Science and Technology	Educational Institute	03-04-2019 00:00:00	05-04-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	16058	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

15	International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGR E2020)	Innovation	Conference	IEEE Kerala Section	Non-Govt. Agencies	02-01-2020 00:00:00	04-01-2020 00:00:00	3	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	31275	No
16	International Conference on Advances in Material Science and Nanotechnology-ICMN 2K19	Innovation	Conference	Stella Marys College of Engineering	Educational Institute	30-04-2019 00:00:00	30-04-2019 00:00:00	1	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	23000	No
17	1st International Conference on Innovation in Modern Science and Technology ICIMSAT -2019	Innovation	Conference	Siliguri Institute of Technology	Educational Institute	20-09-2019 00:00:00	21-09-2019 00:00:00	2	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	12500	No
18	International Conference on Emerging Trends in Information Technology and Engineering	Innovation	Conference	Vellore Institute of Technology	Educational Institute	24-02-2020 00:00:00	25-02-2020 00:00:00	2	1	3	4	No	---	---	No		No
19	Twenty Sixth National Conference on Communications	Innovation	Conference	IIT Kharagpur	Govt. Agency (Central)	21-02-2020 00:00:00	23-02-2020 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

20	International Conference on Automation, Computational and Technology Management (ICACTM)	Innovation	Conference	Amity University	Educational Institute	24-04-2019 00:00:00	26-04-2019 00:00:00	3	1	1	2	No	---	---	No	No
21	14th IEEE Nanotechnology Materials and Devices Conference	Innovation	Conference	The Brewery Conference Centre Stockholm	Non-Govt. Agencies	27-10-2019 00:00:00	30-10-2019 00:00:00	4	1	2	3	No	---	---	No	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	Basics of IPR	IPR	Elective/Core Credit Course	Bachelor	Department of Management Studies	01-01-2020	30-06-2020	182	Online	46	40
2	Entrepreneurship and Project Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Management Studies	01-01-2019	31-07-2019	212	Offline	46	40
3	Entrepreneurship and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Mechanical Engineering	01-07-2019	31-12-2019	184	Offline	19	40
4	Energy Auditing Conservation and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Electrical Engineering	01-01-2020	30-06-2020	182	Offline	12	40
5	Technology and Innovation Management	Innovation	Elective/Core Credit Course	Master	Management Studies	01-07-2019	31-12-2019	184	Online	44	40
6	Innovation and Product Design	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	Mechanical	01-07-2019	31-12-2019	184	Offline	10	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)
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1	Hands-on Solar Training	Innovation	Employment Generation Training Programs	IIC	05-09-2019	02-10-2019	28	Offline	500	30
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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)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20				
1	Ashish Deoghare	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Ambassador Training	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	MIC	Govt. Agency (Central)	06-03-2020 00:00:00	07-03-2020 00:00:00	2	Offline
2	Ashim Kumar Das	DoMS	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
3	Gaurav Singh baghel	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
4	Wasim Arif	Electronics and Communication Engineering	Assistant Professor	No	No				
5	Fazal Ahmed Talukdar	Electronics and Communication Engineering	Professor (HAG)	No	No				
6	Saurabh Verma	Management Studies	Assistant Professor	Yes	No				
7	Highest degree name in I&E and IPR	Bipul Das	Mechanical	Assistant Professor	No				
	Degree Type					PhD			
Year of Highest degree in I&E and IPR	2017								
Yes	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	Binoy Krishna Roy	Electrical Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
9	Vinayak Kulkarni	Civil Engineering	Assistant Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
10	Yogesh Singh	Mechanical Engineering		Assistant Professor		No		No	
11	Prashantha Janardan	Civil Engineering		Assistant Professor		No		No	
12	R G Nair	Physics		Assistant Professor		No		No	
13	Asha Rani	Electrical Engineering		Assistant Professor		No		No	
14	Mumnum Khanra	Electronics and Instrumentation Engineering		Assistant Professor		No		No	
15	Manas Kumar Bera	Electronics and Instrumentation Engineering		Assistant Professor		No		No	

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	Indovation cell	Innovation Club	2016	3D Printing	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	3	Gaurav Harlalka	gauravharlalk038@gmail.com	9957776887
2	E-cell	Startup Club	2018	Co-working Space	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	3	Shriti Misra	shriti_ug@ece.nits.ac.in	9752414409
3	Robotics club	Idea Club	2018	Co-working Space	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	2	Utkarsh Bhat	utkarsh865@gmail.com	8005672160
4	Coding club	Idea Club	2018	Co-working Space, Work Stations	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	2	Rasul Khan	rasulkhan@gmail.com	9954331552
5	Developers student club	Idea Club	2018	Work Stations	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	2	Rishiraj Pal Choudhury	dscnits@gmail.com	9706262131
6	Machine Learning Club	Idea Club	2018	Work Stations	Pre-Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	2	S Mukherjee	shyamamukherji@gmail.com	9434663383

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 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?
							Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes	
1	Startup Centre	Startup Cell	2016	Co-working Space	Innovation Labs,IPR Cell/Technology Transfer Centre	Innovation Labs,IPR Cell/Technology Transfer Centre	Facility Incharge Name	Wasim Arif	8	Yes	Yes		Yes
							Facility Incharge Email	arif.ece.nits@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	9435730057			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)	120000		
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource						NIT Silchar			Govt. Agency (Central)		100000		

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)

2	Indovation Lab	Innovation Centre	2016	3D Printing & Prototype Equipment, Work Stations	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ashish Deoghare</td> </tr> <tr> <td>Facility Incharge Email</td> <td>abdeoghare@mech.nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9373986998</td> </tr> </table>	Facility Incharge Name	Ashish Deoghare	Facility Incharge Email	abdeoghare@mech.nits.ac.in	Facility Incharge Phone	9373986998	3	Yes	No	Yes
Facility Incharge Name	Ashish Deoghare																
Facility Incharge Email	abdeoghare@mech.nits.ac.in																
Facility Incharge Phone	9373986998																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		NIT Silchar				Govt. Agency (Central)		4200000									
3	UGRC	Innovation Centre	2018	None	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Brinda Bhowmik Shome</td> </tr> <tr> <td>Facility Incharge Email</td> <td>bbhowmick@ece.nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9954806903</td> </tr> </table>	Facility Incharge Name	Dr. Brinda Bhowmik Shome	Facility Incharge Email	bbhowmick@ece.nits.ac.in	Facility Incharge Phone	9954806903	7	Yes	No	Yes
Facility Incharge Name	Dr. Brinda Bhowmik Shome																
Facility Incharge Email	bbhowmick@ece.nits.ac.in																
Facility Incharge Phone	9954806903																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		NIT Silchar				Govt. Agency (Central)		500000									

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	Water Resource	2018	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	Institute Fund	Facility Incharge Name	Dr. Parthajit Roy	6	No	Yes		Yes
					Facility Incharge Email	parthajit@civil.nits.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	9435173836			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				NIT Silchar			Govt. Agency (Central)		5500000		
Funding Agency				PMMMNMTT			Govt. Agency (Central)		1450000		
2	Centre for Testing and Consultancy	2015	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Prof Asim Kumar Dey	6	No	Yes		Yes
					Facility Incharge Email	akdey@civil.nits.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	9435174776			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1000000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		

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

No Data Filled!

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

No Data Filled!

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	IPR Cell	2018	Pre-Incubation, Innovation Labs, Student Clubs	Insitute	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sukumar Pati</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sukumar@mech.nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8133042296</td> </tr> </table>	Facility Incharge Name	Dr. Sukumar Pati	Facility Incharge Email	sukumar@mech.nits.ac.in	Facility Incharge Phone	8133042296	02	Yes	No	Yes
Facility Incharge Name	Dr. Sukumar Pati														
Facility Incharge Email	sukumar@mech.nits.ac.in														
Facility Incharge Phone	8133042296														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							

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	Wasim Arif	Assistant Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	5
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Science2home Pvt. Ltd		Outside		U74999MP2016PTC041773
Pratyaksha Agrotech Pvt. Ltd.		Outside		U01403DL2014PTC273431
Scavengers		Within		
Roogahaari		Within		
Artxplora		Outside		
Speakingwalls		Within		
Viewmet		Outside		
2	Ashish Deoghare	Assistant Professor	Entrepreneurship/Startup Development	4

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)
Pratyaksha Agrotech Pvt. Ltd.	Outside	U01403DL2014PTC273413
Science2home Pvt. Ltd	Within	

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

No Data Filled!

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	APPARATUS FOR PLUCKING NATURAL LEAVES	Product Innovation, Market-place Innovation	Technological	IPR Cell	Student-Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>43600</td> </tr> </table>	Grant Amount in Rs	43600	No	No
Grant Amount in Rs	43600														
				Name		Type		Gender		Email		Contact			
				Sudip Dey		Faculty		Male		sudip@mech.nits.ac.in		7086880231			

Name	Type	Gender	Email	Contact
MITESH AGRAWAL	Student	Male	-	-
ROHAN JANGIR	Student	Male	-	-
HIMANSHU JAGARWAD	Student	Male	-	-
BADAL KUMAR LASKAR	Student	Male	-	-
VAISHALI	Innovator/Entrepreneur External to Institute	Female	-	-

2	PORTABLE SYSTEM FOR FAST DETECTION OF P, QRS AND T WAVE FROM ECG SIGNALS	Product Innovation, Market-place Innovation	Technological	IPR Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 16320	No	No
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Name	Type	Gender	Email	Contact
BRINDA BHOWMICK	Faculty	Female	brindabhowmick@gmail.com	9954806903

Name	Type	Gender	Email	Contact
UTKARSH BHATT	Student	Male	utkarsh865@gmail.com	-
SIDDHARTHA SINGH	Student	Male	-	-
RAJESH SAHA	Student	Male	-	-

3	MOBILE INTRAVENOUS DRIPS	Product Innovation, Market-place Innovation	Technological	IPR Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 31800	No	No
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Name	Type	Gender	Email	Contact
AYUSH SINGH BERUVAR	Student	Male	ayushsingheruvar@gmail.com	9373986998

Name	Type	Gender	Email	Contact
Deoghare Ashish Bhalchandra	Faculty	Male	ashishdeoghare@gmail.com	9954953637
Sidda Lal Dayal Saran	Student	Male	-	-

4	EASY BIOMETRIC ATTENDANCE SYSTEM (EBATS)	Product Innovation, Process Innovation	Technological	IPR Cell	Student-Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 31800	No	No
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Name	Type	Gender	Email	Contact
Wasim Arif	Faculty	Male	arif@ece.nits.ac.in	9435730057

Name	Type	Gender	Email	Contact
CHANCHAL RAJ	Student	Male	-	-
CHAMAN JAIN	Student	Male	-	-

5	DEVICE FOR CONTROLLING AIR POLLUTION EMANATING FROM A POLLUTION SOURCE	Product Innovation, Process Innovation	Technological	IPR Cell	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 50100	No	No
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Name	Type	Gender	Email	Contact
Arjun Sil	Faculty	Male	arjun@civil.nits.ac.in	8471820847

6	A ROTATING MAGNETIC FIELD BASED ULTRA FAST MEASUREMENT OF SPEED	Product Innovation, Market-place Innovation	Technological	IPR Cell	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 16320	No	No
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Name	Type	Gender	Email	Contact
SHAHEDUL HAQUE LASKAR	Faculty	Male	shlaskar@ei.nits.ac.in	9435178423

Name	Type	Gender	Email	Contact
SYED JAVED ARIF	Student	Male	-	-

7	DRL Based Liquid Lens Auto-Focus System	Product Innovation, Market-place Innovation	Technological	IEDC	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 100000	No	No
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Name	Type	Gender	Email	Contact
Wasim Arif	Faculty	Male	arif@ece.nits.ac.in	9435730057

Name	Type	Gender	Email	Contact
Divyansha	Student	Female	-	-
Apoorva Vikram Singh	Student	Male	-	-
Anubhav Sachan	Student	Male	-	-
Makarand Patil	Student	Male	-	-

8	A Comparative Study On The Infiltration Rate Of Permeable Pavements- An Answer To Water Logging Of Pavements	Product Innovation,Market-place Innovation	Technological	IEDC	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 100000	No	No
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Name	Type	Gender	Email	Contact
Lakshmi Vara Prasad M	Faculty	Male	mlvprasad@civil.nits.ac.in	08133013175

Name	Type	Gender	Email	Contact
Vamsi Kumar Gudala	Student	Male	-	-
D.S.S. Sita Maha Lakshmi Puvvada	Student	Female	-	-
Ankit Srivastava	Student	Male	-	-
Naman Paneri	Student	Male	-	-

9	Design And Development Of PID Controller Based Heater And Interfacing The Setup With LabVIEW	Product Innovation,Market-place Innovation	Technological	IEDC	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 100000	No	No
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Name	Type	Gender	Email	Contact
Shivendra Kumar Pandey	Faculty	Male	skpandey@ei.nits.ac.in	9425472154

Name	Type	Gender	Email	Contact
Arindam Dutta	Student	Male	-	-
Arindam Dutta	Student	Male	-	-
Birajit Mazumder	Student	Male	-	-
Birajit Mazumder	Student	Male	-	-
Dixita Sarakr	Student	Female	-	-
Dixita Sarakr	Student	Female	-	-
Supratim Paul	Student	Male	-	-
Supratim Paul	Student	Male	-	-

10	Maglev Transportation	Product Innovation, Market-place Innovation	Technological	IEDC	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	100000	No	No
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Name	Type	Gender	Email	Contact
Ashish B. Deoghare	Faculty	Male	abdeoghare@mech.nits.ac.in	09373986998

Name	Type	Gender	Email	Contact
Sahil Bodke	Student	Male	-	-
Kunal Sharma	Student	Male	-	-
Nihal Surolia	Student	Male	-	-
Vikas Kannaujya	Student	Male	-	-

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

Srno	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 Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20												
1	Pratyaksha AgroTech Pvt. Ltd.	Process Innovation, Market-place Innovation	Technological	5401	External to the Institute/Incubatee	<table border="1"> <tr> <td>Venture with Corporate Identification Number (CIN) Registration</td> <td>U01403DL2014PTC273413</td> </tr> </table>	Venture with Corporate Identification Number (CIN) Registration	U01403DL2014PTC273413	2018-19	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>NEDFI</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Grant</td> </tr> </table>	Agency Name	NEDFI	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	Grant	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>120000</td> </tr> </table>	Grant Amount in Rs	120000	No	<table border="1"> <tr> <td>Amount Received in Rs</td> <td>100000</td> </tr> </table>	Amount Received in Rs	100000	Yes
Venture with Corporate Identification Number (CIN) Registration	U01403DL2014PTC273413																								
Agency Name	NEDFI																								
Agency Type	Govt. Agency (Central)																								
Award / Position / Recognition Secured	Grant																								
Grant Amount in Rs	120000																								
Amount Received in Rs	100000																								
Name		DIN number		Type		Gender		Email		Contact															
Supratim Mukherjee		U01403DL2014PTC273413		Innovator/Entrepreneur External to Institute		Male		agro.pratyaksha@gmail.com		9318326497															

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
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1	Assam Startup	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Mentoring, Networking	09	09-12-2019
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Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

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	APPARATUS FOR PLUCKING NATURAL LEAVES	201931021984	National	2019 - 09	Uploaded
2	PORTABLE SYSTEM FOR FAST DETECTION OF P, QRS AND T WAVE FROM ECG SIGNALS	201931027301	National	2019 - 08	Uploaded
3	MOBILE INTRAVENOUS DRIPS	201931011489	National	2019 - 09	Uploaded
4	DEVELOPMENT OF WIRE FLUCTUATION MEASURING DEVICE FOR WIRE EDM	201931024768	National	2019 - 07	Uploaded
5	DEVELOPMENT OF NANO-ELECTRICAL DISCHARGE MACHINING (NEDM) SYSTEM	201931040317	National	2019 - 11	Uploaded
6	EASY BIOMETRIC ATTENDANCE SYSTEM (EBATS)	201731037542	National	2019 - 04	Uploaded
7	DEVICE FOR CONTROLLING AIR POLLUTION EMANATING FROM A POLLUTION SOURCE	201931022120	National	2019 - 07	Uploaded
8	A Rotating Magnetic Field based ultra fast measurement of speed	777/DEL/2011	National	2020 - 02	Uploaded