



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

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)
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
Mechanical Engineering	Academic Department with lab facility	Thermal Engineering; Design & Manufacturing; CAD-CAM & Automation; Materials & Manufacturing Technology	UG / PG / PhD	Technical	713	32	17
Electrical Engineering	Academic Department with lab facility	Power and Energy Systems Engineering; Control & Industrial Automation	UG / PG / PhD	Technical	626	27	14
Electronics and Communication Engineering	Academic Department with lab facility	Microelectronics & VLSI Design, Communication Engineering, Signal Processing	UG / PG / PhD	Technical	661	31	8
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
Electronics and Instrumentation Engineering	Academic Department with lab facility	Control system, Bio-medical instrumentation,	UG / PG / PhD	Technical	284	15	8
Mathematics	Academic Department with lab facility	Mathematics, Operation research, Optimization	UG / PG / PhD	Technical	56	12	2
Physics	Academic Department with lab facility	Theoretical Physics, Applied Physics, Quantum Physics, Nano-materials	UG / PG / PhD	Technical	37	8	4
Chemistry	Academic Department with lab facility	Bio-chemistry, organic chemistry, materials	UG / PG / PhD	Technical	58	8	5

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

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

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

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI																							
					Name																		
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
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
4	Success Story 1.0	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Institute Innovation Council	15-09-2019 00:00:00	15-09-2019 00:00:00	1	Within Campus	55	8	0	0	63	No	No							
5	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						
6	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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Grand Finale</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>IT and ITes</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	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
Award / Position / Recognition Secured	Grand Finale																						
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Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

7	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						
8	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	<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>IR Based Driver assistant for Accident avoidance</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	IR Based Driver assistant for Accident avoidance	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																						
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
9	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	<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>Natural Dye Sensitized Solar Cell using indigenous North East Plant Dyes.</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	Natural Dye Sensitized Solar Cell using indigenous North East Plant Dyes.	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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																						
10	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						

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

11	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	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	
12	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		
13	Industrial Approach to Process Control & Automation	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Instrumentation Engineering	22-08-2019 00:00:00	26-08-2019 00:00:00	5	Within Campus	35	10	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	48000	No		
14	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		
15	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		
16	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		

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

17	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
18	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
19	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
20	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
21	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
22	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
23	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

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	Title of Innovation / Start-up Secured the Award / Recognition	Award/Recognition/Achievement Received for				
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 Expense Amount Incurred by Institute? (In Rupees)	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	MSAB Mobile Forensics	Innovation	Workshop	Cyint Technologies (India)	Non-Govt. Agencies	18-09-2019 00:00:00	18-09-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	40000	No					
3	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

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	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		
5	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		720000		TotalTotal Expense Amount Incurred by Institute? (In Rupees)		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
6	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	---	---				TotalTotal Expense Amount Incurred by Institute? (In Rupees)						No	
7	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	---	---				TotalTotal Expense Amount Incurred by Institute? (In Rupees)							No

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	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 Expense Amount Incurred by Institute? (In Rupees)	67000	No
9	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 Expense Amount Incurred by Institute? (In Rupees)	80000	No
10	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 Expense Amount Incurred by Institute? (In Rupees)	48000	No
11	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 Expense Amount Incurred by Institute? (In Rupees)	36500	No
12	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 Expense Amount Incurred by Institute? (In Rupees)	37500	No
13	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 Expense Amount Incurred by Institute? (In Rupees)	25000	No
14	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 Expense Amount Incurred by Institute? (In Rupees)	25000	No

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 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
16	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 Total Expense Amount Incurred by Institute? (In Rupees)	31275	No
17	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 Total Expense Amount Incurred by Institute? (In Rupees)	23000	No
18	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 Total Expense Amount Incurred by Institute? (In Rupees)	12500	No
19	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

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	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
21	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
22	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

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

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	Hands-on Solar Training	Innovation	Employment Generation Training Programs	IIC	05-09-2019	02-10-2019	28	Offline	500	30
2	CIT	Entrepreneurship/Startup	Employment Generation Training Programs	Gyansagar	01-05-2019	15-06-2019	46	Offline	32	30

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	Highest degree name in I&E and IPR	PhD				
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2017				
7	Bipul Das	Mechanical	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
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				

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	rasul Khan@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

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?						
1	IEDC	IEDC	2016	Co-working Space	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Wasim Arif</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arif.ece.nits@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9435730057</td> </tr> </table>	Facility Incharge Name	Wasim Arif	Facility Incharge Email	arif.ece.nits@gmail.com	Facility Incharge Phone	9435730057	2	Yes	No	Yes
Facility Incharge Name	Wasim Arif																
Facility Incharge Email	arif.ece.nits@gmail.com																
Facility Incharge Phone	9435730057																
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						DST		Govt. Agency (Central)		0							

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	Startup Centre	Startup Cell	2016	Co-working Space	Innovation Labs,IPR Cell/Technology Transfer Centre	Innovation Labs,IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Wasim Arif</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arif.ece.nits@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9435730057</td> </tr> </table>	Facility Incharge Name	Wasim Arif	Facility Incharge Email	arif.ece.nits@gmail.com	Facility Incharge Phone	9435730057	8	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </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>120000</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)	120000	Yes
Facility Incharge Name	Wasim Arif																								
Facility Incharge Email	arif.ece.nits@gmail.com																								
Facility Incharge Phone	9435730057																								
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)	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																
3	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																								

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)

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						
4	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						

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?						
1	Natural Language Processing Lab	2019	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	Institute Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>SIVAJI BANDYOPADHYAY</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director@nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9433579595</td> </tr> </table>	Facility Incharge Name	SIVAJI BANDYOPADHYAY	Facility Incharge Email	director@nits.ac.in	Facility Incharge Phone	9433579595	10	No	No	No
Facility Incharge Name	SIVAJI BANDYOPADHYAY														
Facility Incharge Email	director@nits.ac.in														
Facility Incharge Phone	9433579595														

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

2	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				
3	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)				

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

4	Solar Testing Centre	2017	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. R D Misra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rdmisra@mech.nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9435072301</td> </tr> </table>	Facility Incharge Name	Prof. R D Misra	Facility Incharge Email	rdmisra@mech.nits.ac.in	Facility Incharge Phone	9435072301	6	No	No	Yes
Facility Incharge Name	Prof. R D Misra														
Facility Incharge Email	rdmisra@mech.nits.ac.in														
Facility Incharge Phone	9435072301														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						

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?						
1	Indovation Lab	2016	Pre-Incubation, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Institute Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ashish Deoghare</td> </tr> <tr> <td>Facility Incharge Email</td> <td>abdeoghare@meh.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@meh.nits.ac.in	Facility Incharge Phone	9373986998	3	Yes	No	Yes
Facility Incharge Name	Ashish Deoghare														
Facility Incharge Email	abdeoghare@meh.nits.ac.in														
Facility Incharge Phone	9373986998														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)						
-				-			-		0						

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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List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

1	Startup Centre	2016	Pre-Incubation, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Institute	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Wasim Arif</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arif@ece.nits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9435730057</td> </tr> </table>	Facility Incharge Name	Wasim Arif	Facility Incharge Email	arif@ece.nits.ac.in	Facility Incharge Phone	9435730057	8	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td></td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		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)		Yes
Facility Incharge Name	Wasim Arif																						
Facility Incharge Email	arif@ece.nits.ac.in																						
Facility Incharge Phone	9435730057																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)																							
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 Incubation Facility exists in Campus (In Rupees)																	

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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Cell	2018	Pre-Incubation, Innovation Labs, Student Clubs	Institute	<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)									

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)
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Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

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
	Scavangers		Within	
	Roogahaari		Within	
	Artxplora		Outside	
	Speakingwalls		Within	
	Viewmet		Outside	
2	Ashish Deoghare	Assistant Professor	Entrepreneurship/Startup Development	4
	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	
3	Fazal Ahmed Talukdar	Professor (HAG)	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Pratyaksha Agrotech Pvt. Ltd.		Outside	

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	Assam Startup	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship

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	43600	No	No
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	16320	No	No
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
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	DEVELOPMENT OF WIRE FLUCTUATION MEASURING DEVICE FOR WIRE EDM	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 41500	No	No
Name		Type			Gender		Email			Contact			
Promod Kumar Patowari		Faculty			Male		ppatowari@mech.nits.ac.in			9435523391			
Name		Type			Gender		Email			Contact			
Tapas Debnath		Student			Male		-			-			
5	DEVELOPMENT OF NANO-ELECTRICAL DISCHARGE MACHINING (NEDM) SYSTEM	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 32500	No	No

													Name		Type		Gender		Email		Contact					
													PROMOD KUMAR PATOWARI		Faculty		Male		ppatowari@mech.nits.ac.in		9435523391					
													Name		Type		Gender		Email		Contact					
													TAPAS DEBNATH		Student		Male		-		-					
													INAMUL HUSSAIN		Student		Male		-		-					
6	EASY BIOMETRIC ATTENDANCE SYSTEM (EBATS)		Product Innovation, Process Innovation		Technological		IPR Cell		Student-Faculty		TRL 2 : Technological formulation. Concept and application have been formulated.		TRL 2 : Technological formulation. Concept and application have been formulated.		Innovation Development Ongoing		No		No		Grant Amount in Rs 31800		No		No	
														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		-		-					
7	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	
														Name		Type		Gender		Email		Contact				
													Arjun Sil		Faculty		Male		arjun@civil.nits.ac.in		8471820847					
													Name		Type		Gender		Email		Contact		8			
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	

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	-	-

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	-	-

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
Lakshami Vara Prasad M	Faculty	Male	mlvprasad@civil.nits.ac.in	08133013175

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

Design And Development Of PID Controller Based Heater And Interfacing The Setup With LabVIEW	Product Innovation,Marketplace 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	-		-
Birajit Mazumder		Student	Male	-		-
Dixita Sarakr		Student	Female	-		-
Supratim Paul		Student	Male	-		-

Maglev Transportation	Product Innovation,Marketplace 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		9373986998

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											13	
Name		Type		Gender		Email			Contact			
Sahil Bodke		Student		Male		-			-			
Kunal Sharma		Student		Male		-			-			
Nihal Surolia		Student		Male		-			-			
Vikas Kannaujiya		Student		Male		-			-			
User Controlled Minuscule Speed Leg Exercise Setup Attache d To A Wheel Chair	Product Innovation,Market- place Innovation	Technological	IEDC	Student- Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	Innovation Developm ent Ongoing	No	No	Grant Amount in Rs 10 00 00	No	No
Name		Type		Gender		Email			Contact			
Ashish B. Deoghare		Faculty		Male		abdeoghare@mech.nits.ac.in			09373986998			
											14	
Name		Type		Gender		Email			Contact			
Debasish Kashyap		Student		Male		-			-			
Praveen Kumar Singh		Student		Male		-			-			
Shivam Verma		Student		Male		-			-			
Bidyut Bikash Dutta		Faculty		Male		-			-			
Develop ment Of Smart Maps Based On Real Time Road Conditio n And Travel- Time Analysis	Product Innovation,Market- place Innovation	Technological	IEDC	Student- Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	Innovation Developm ent Ongoing	No	No	Grant Amount in Rs 10 00 00	No	No
Name		Type		Gender		Email			Contact			
Koushik Guha		Faculty		Male		koushik@ece.nits.ac.in			9435072274			
											15	
Name		Type		Gender		Email			Contact			
K.V.N. Pranav		Student		Male		-			-			
Yashwanth Kolli		Student		Male		-			-			
M.K.S.L.Gayatri		Student		Female		-			-			

Activated Sludge Treatment For NIT Silchar Using Multi-Variable Quantitative Feedback Theory	Process Innovation,Marketplace 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	10 00 00	No	No
Name		Type		Gender		Email		Contact				
Prasanta Roy		Faculty		Male		proylinux@gmail.com		9101420179				
Name		Type		Gender		Email		Contact				
Sandipan Prasad Chakravarty		Student		Male		-		-				
Aniket Roy		Student		Male		-		-				
Design And Development Of High Gain DC-DC Converter For Electric Vehicle (EV) Application	Process Innovation,Marketplace 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	10 00 00	No	No
Name		Type		Gender		Email		Contact				
Amritesh Kumar		Faculty		Male		amritesh@ee.nits.ac.in		9818209336				
Name		Type		Gender		Email		Contact				
Ch. Ganesh		Student		Male		-		-				
G.Yaswanth R S Narayana		Student		Male		-		-				
Autonomous Service Bot	Product Innovation,Process Innovation,Marketplace	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	10 00 00	No	No
Name		Type		Gender		Email		Contact				
Nabanita Adhikary		Faculty		Female		nabanita@ee.nits.ac.in		9864428032				

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											18	
Name		Type		Gender		Email			Contact			
Marakand Rajesh Patil		Student		Male		-			-			
Utkarsh Rai		Student		Male		-			-			
Abhimanyu Pratap Singh		Student		Male		-			-			
Sustainable Management Of Crop Residues And By-Products	Process Innovation,Marketplace Innovation,Managem	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
											19	
Name		Type		Gender		Email			Contact			
Asha Rani M. A.		Faculty		Female		asharani@ee.nits.ac.in			9446359209			
Name		Type		Gender		Email			Contact			
Pranjit Barman		Faculty		Male		-			-			
Surath Kumar Srivastva		Student		Male		-			-			
Avnish Anand		Student		Male		-			-			
Atul Shukla		Student		Male		-			-			
Intelligence Support System For Suicidal Intention Prediction	Product Innovation,Process Innovation,Marketplace	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
											20	
Name		Type		Gender		Email			Contact			
Rajeeb Dey		Faculty		Male		rajeeb@ee.nits.ac.in			7086731971			
Name		Type		Gender		Email			Contact			
Dinesh Patra		Student		Male		-			-			
Design Of A Switched Reluctance Machine For Off-Road Vehicle Applications	Product Innovation,Marketplace 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

Name		Type	Gender	Email		Contact
Avadh Pati		Faculty	Male	avadh@ee.nits.ac.in		9984276221

Name		Type	Gender	Email		Contact
Prasanta Roy		Faculty	Male	-		-
Thota Venkata Krishna Teja		Student	Male	-		-

Diagnoses of Crop Disease and its Solution	Process Innovation,Market-place Innovation	Technological		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	25000	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
Baibhab Chakraborty		Student	Male	-		-

Integrated Surface Water and Ground water management using simulation optimization model	Process Innovation,Market-place Innovation	Technological		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	25000	No	No
--	--	---------------	--	-----------------	---	---	--------------------------------	----	----	--------------------	-------	----	----

Name		Type	Gender	Email		Contact
Susmita Ghosh		Faculty	Female	susmita@civil.nits.ac.in		7086833798

Name		Type	Gender	Email		Contact
Shyamosree pal		Faculty	Female	-		-
Rachna Gupta		Student	Female	-		-

Effective Breast Cancer Classification using SDNN based E-Health Care Services Framework with IOMT)	Product Innovation,Marketplace Innovation	Technological		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	25000	No	No
Name		Type		Gender		Email		Contact				
Badal Soni		Faculty		Male		badal@cse.nits.ac.in		9678547361				
Name		Type		Gender		Email		Contact				
Nilutpal Nath		Student		Male		-		-				
Speech Enabled Bilingual machine Translation System For English-Assamese using NLP and Deep Neural Networks	Product Innovation,Marketplace Innovation	Technological		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	25000	No	No
Name		Type		Gender		Email		Contact				
Malaya Dutta Borah		Faculty		Female		malayaduttaborah@cse.nits.ac.in		9868639480				
Name		Type		Gender		Email		Contact				
Sachin Rai		Student		Male		-		-				
Automated Irrigation System using Machine Vision(A ISMV) for the Indian Agricultural Sector	Product Innovation,Marketplace Innovation	Technological		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	25000	No	No
Name		Type		Gender		Email		Contact				
Arup Goswami		Faculty		Male		arupgoswami@ee.nits.ac.in		9435740739				

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Name		Type	Gender	Email		Contact						
Ranjay Hazra		Faculty	Male	-		-						
Sabuj Saikia		Student	Male	-		-						
Design and Development of an efficient smart solar powered lighting system	Product Innovation,Marketplace Innovation	Technological	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	25000	No	No
Name		Type	Gender	Email		Contact						
Bijit Choudhuri		Faculty	Male	bijitchoudhuri@ece.nits.ac.in		9862609941						
Name		Type	Gender	Email		Contact						
Navneet Dhar		Student	Male	-		-						
Smart campus and Drone based application	Product Innovation,Marketplace Innovation	Technological	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	25000	No	No
Name		Type	Gender	Email		Contact						
Prasanta Roy		Faculty	Male	proylinux@gmail.com		9101420179						
Name		Type	Gender	Email		Contact						
Prasad Sarthak Kamta		Student	Male	-		-						
Smart Vehicle Management and Automation of Medical Vehicle	Product Innovation,Marketplace Innovation	Technological	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	25000	No	No
Name		Type	Gender	Email		Contact						
Ranjay Hazra		Faculty	Male	ranjay@ei.nits.ac.in		7579076225						

26

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Name		Type		Gender		Email		Contact				
Kunal Kumar		Student		Male		-		-				
Photovoltaic based sustainable controlled electrical heating for tea process	Process Innovation,Market-place Innovation	Technological		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 25000	No	No
Name		Type		Gender		Email		Contact				
Amritesh Kumar		Faculty		Male		amritesh@ee.nits.ac.in		9818209336				
Name		Type		Gender		Email		Contact				
Satyabrata Pradhan		Student		Male		-		-				
Ankita Sen		Student		Female		-		-				
K. Lamnganbi Singha		Student		Male		-		-				
Akhsh Verma		Student		Male		-		-				
Abhijit Singh		Student		Male		-		-				
Effect of temperature on recycling of Li Ion Batteries	Product Innovation,Market-place Innovation	Technological		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 25000	No	No
Name		Type		Gender		Email		Contact				
Sukumar Pati		Faculty		Male		sukumar@mech.nits.ac.in		8133042296				
Name		Type		Gender		Email		Contact				
Rohit Pathak		Student		Male		-		-				
Smart Early warning system for landslide based on IoT	Product Innovation,Process Innovation,Market-place	Technological		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 25000	No	No

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Name		Type		Gender		Email		Contact				
Amit Das		Faculty		Male		amitkdas@civil.nits.ac.in		8906432255				
Swarnlee Majumder		Student		Female		-		-				
A Cost-effective system for early stage plant disease diagnosis using spectral analysis	Product Innovation,Marketplace Innovation	Technological		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 25000	No	No
R. Murugan		Faculty		Male		murugan.rmn@ece.nits.ac.in		9600081925				
Aditya Kumar Singh		Student		Male		-		-				
Medical Image Processing	Product Innovation,Marketplace Innovation	Technological		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 25000	No	No
Wasim Arif		Faculty		Male		arif@ece.nits.ac.in		9435730057				
Dalton Meitei		Faculty		Male		-		-				
Divyansha		Student		Female		-		-				
Research Proposal on NLP on North Eastern Language (Bodo)	Process Innovation,Marketplace Innovation	Technological		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 25000	No	No

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Name		Type		Gender		Email		Contact				
S. K. Borgohain		Faculty		Male		samir@nits.ac.in		9435173647				
Name		Type		Gender		Email		Contact				
Saurabh Malik		Student		Male		-		-				
Prediction of renewable energy sources for LED lighting system using solar cell	Product Innovation,Market-place Innovation	Technological		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 25000	No	No
Name		Type		Gender		Email		Contact				
Brinda Bhowick		Faculty		Female		brindabhowmick@gmail.com		9954806903				

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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/V C 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
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1	Deskneed	Service Innovation	Technologica	5401	Student	Venture with MSME Registration No	AS03D001520	2017-18	Received Incubation Support from Incubation Unit	Agency Name	As sa m Start up Cohort 1.0	120000	Loan/Investment Agency Name	Private Investor	No	Yes
						Venture with GST No	18AAX CS9739 A1ZO			Agency Type	Govt. Agency (Central)	Grant Amount in Rs	Agency Type	Non - Govt . Agencies		
										Award / Position / Recognition Secured			Total Loan /Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	17000000		

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	ONLINE PAYMENT SYSTEM AND METHOD	IPRFiledPublished	201931025522	National	2019 - 06	Uploaded	Filed	No
Department/Centre Name								
NIT Silchar								

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

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
1	An efficient solar E-rickshaw with hybrid power generation	PatentsHoldByInnovations	201731003560	Published	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR		Incubatee Innovator		PANKAJ KUMAR KHUSHWAHA	

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

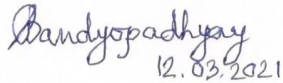
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Sivaji Bandyopadhyay (Head of Institute) and Prof. Fazal A Talukdar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

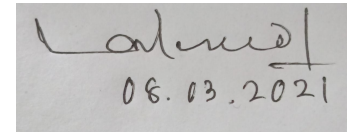
Thank you

The Head of Institute


12.03.2021

Prof. Sivaji Bandyopadhyay
Head of the Institution,
SILCHAR, Assam

Nodal officer


08.03.2021

Prof. Fazal A Talukdar
Nodal Officer,
SILCHAR, Assam