



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: National Institute of Science & Technology [ARI-C-30132]

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	Electrical and Electronics Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	300	30	1
2	Electronics and Communication Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	480	47	1
3	Computer Science and Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	720	45	1
4	Electrical Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	190	10	1
5	Mechanical Engineering	Academic Department with lab facility	science	UG / PG / PhD	Technical	400	24	2
6	Information Technology	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	235	15	1
7	Civil Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	100	8	1
8	Master of Computer Application	Academic Department with lab facility	Science	UG / PG / PhD	Technical	180	12	1
9	Synchrophasor laboratory	Research Unit / Park	Science	UG / PG / PhD	Technical	5	2	1
10	GEOTECHNICAL ENGINEERING	Research Unit / Park	science	UG / PG / PhD	Technical	30	2	1
11	Synthesis Lab	Research Unit / Park	science	UG / PG / PhD	Technical	20	15	4
12	Electric drives lab	Research Unit / Park	Science	UG / PG / PhD	Technical	10	3	2
13	Centre of semiconductor device fabrication and characterization (SDFC)	Centre of Excellence with Advance Tools & Equipment	science	UG / PG / PhD	Technical	12	4	1
14	Autonomous Vehicle Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	8	3	1
15	Renewable Energy lab	Industry Institute Interface Unit	multisector	At all level	Technical	45	4	1

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

16	High Performance Computing Lab	Centre of Excellence with Advance Tools & Equipment	Science	UG / PG / PhD	Technical	24	3	1
17	Data Science Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	30	4	1
18	WSN and IoT Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	20	5	1
19	Computer Vision Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	18	4	1
20	Multimedia Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	6	2	1
21	POWER ELECTRONICS LAB	Academic Department with lab facility	Science	UG / PG / PhD	Technical	20	4	2
22	ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION LABORATORY	Academic Department with lab facility	Science	UG / PG / PhD	Technical	10	4	2
23	POWER SYSTEMS LABORATORY	Academic Department with lab facility	Science	UG / PG / PhD	Technical	40	4	3
24	Concrete and Structural Engineering	Research Unit / Park	Science	UG / PG / PhD	Technical	30	2	1
25	Surveying and Basic Civil Engineering lab	Academic Department with lab facility	Science	UG / PG / PhD	Technical	30	2	1
26	Thermodynamics lab	Academic Department with lab facility	Science	UG / PG / PhD	Technical	60	2	1
27	Physical and Analytical Lab	Research Unit / Park	Science	At all level	Technical	30	6	2
28	Fluid Mechanics and Hydraulic Machines	Academic Department with lab facility	Science	UG / PG / PhD	Technical	45	2	1
29	Advance Machining Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	8	2	1
30	KDM and Machine Dynamics	Academic Department with lab facility	Science	UG / PG / PhD	Technical	45	2	1
31	CAD and CAM	Academic Department with lab facility	Science	UG / PG / PhD	Technical	45	2	1
32	Cadence Design Lab	Industry Institute Interface Unit	Science	UG / PG / PhD	Technical	30	4	1
33	FPGA Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	16	7	1
34	NI Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Science	UG / PG / PhD	Technical	10	4	1
35	Antenna Fabrication and Microwave Measurement Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	16	4	1
36	3G and 4G Communication Lab	Research Unit / Park	science	UG / PG / PhD	Technical	24	5	1
37	Nano Optics Laboratory	Research Unit / Park	science	At all level	Technical	10	3	1
38	Embedded System Lab	Research Unit / Park	science	UG / PG / PhD	Technical	50	5	1

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

39	Microwave Tool Lab	Research Unit / Park	science	UG / PG / PhD	Technical	12	4	1
40	VLSI Lab	Research Unit / Park	science	UG / PG / PhD	Technical	16	3	1
41	Master of Business Administration	Academic Department with lab facility	Commerce	UG / PG / PhD	Non-Technical	111	13	1
42	Physics	Academic Department with lab facility	science	At all level	Technical	500	3	1
43	Chemistry	Academic Department with lab facility	Science	At all level	Technical	500	6	1
44	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	SCIENCE	UG / PG / PhD	Technical	10	2	1
45	Entrepreneurship Development Cell	Pre-incubation unit	Multi Sector	UG / PG / PhD	Technical	30	5	1
46	Organic Lab	Incubation Unit	Science	UG / PG / PhD	Technical	20	2	1
47	IBM Center of Excellence	Pre-incubation unit	Science	UG / PG / PhD	Technical	45	2	1
48	Incubations Foundations	Incubation Unit	Science	UG / PG / PhD	Technical	82	4	1
49	Technology Information forecasting and Assessment Council	Research Unit / Park	Science	UG / PG / PhD	Technical	70	8	2

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 : IC201810837
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?
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Rebuild Odisha Hackathon	Innovation	Hackathon	Institute Lead Activity	Innovations Foundation	20-09-2019 00:00:00	21-09-2019 00:00:00	2	Outside Campus	25	20	47	12	104	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50278	Award / Position / Recognition Secured	50000
																	Title of Innovation / Start-up Secured the Award / Recognition	208
																	Award/Recognition/Achievement Received for	Business Model/Start up
2	Lecture Seminar Series on Artificial Intelligent and Natural Language Processing by Prof.ChittaBaral , Professor ,Department of Computer Science and Engineering ,Ira A. Fulton School of Engineering , Arizona State University ,U.S.A	Innovation	Seminar	Student Lead Activity	Computer Science and Engineering	08-06-2019 00:00:00	08-06-2019 00:00:00	1	Within Campus	50	20	30	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
3	Half day workshop on QUALITY RESEARCH & PUBLICATIONS	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	06-05-2019 00:00:00	06-05-2019 00:00:00	1	Within Campus	55	18	7	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No	
4	Takshak	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	Department of Management studies	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	70	0	60	0	130	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	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	Program	Organizin	Organizin	Program	Program	Program	Participa	Participa	Total	Awards/R	Award /	Title of	Had institute spent expenses	Did any of the participants
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Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Program (Full Name)	Theme	Type	g Agency / Institute Name	g Agency Type	Start Date	End Date	Duration(in Days)	nts (Students)	nts (Faculty)	Number of Participants	ecognitions/Achievements	Position / Recognition Secured	Innovation / Start-up Secured the Award / Recognition	either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	received any awards/recognition for startup / innovation ideas / research									
1	Wing Women Entrepreneurship Program	Entrepreneurship/Startup	Ideation	KIIT-TIB	Educational Institute	17-02-2020 00:00:00	18-02-2020 00:00:00	2	3	0	3	Yes	Winning Certificate of recognition as Woman Ambassador for Bhopal and Indore.	Woman Ambassador	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winning Certificate of recognition as Woman Ambassador for Bhopal and Indore.</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Woman Ambassador</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Business Model/Start up</td> </tr> </table>	Award / Position / Recognition Secured	Winning Certificate of recognition as Woman Ambassador for Bhopal and Indore.	Title of Innovation / Start-up Secured the Award / Recognition	Woman Ambassador	Award/Recognition/Achievement Received for	Business Model/Start up		
Award / Position / Recognition Secured	Winning Certificate of recognition as Woman Ambassador for Bhopal and Indore.																							
Title of Innovation / Start-up Secured the Award / Recognition	Woman Ambassador																							
Award/Recognition/Achievement Received for	Business Model/Start up																							
2	MSME Ideas for New India Grant, Non-invasive Glucometer	Entrepreneurship/Startup	Ideation	CTTC-CIIE, Bhubneswar	Govt. Agency (State)	17-02-2020 00:00:00	17-02-2020 00:00:00	1	1	0	1	No	---	---	No	No								
3	Odisha Youth Innovation Fund 2019	Entrepreneurship/Startup	Innovation Contest	MSME Govt of Odisha	Govt. Agency (State)	05-10-2019 00:00:00	15-10-2019 00:00:00	11	3	1	4	Yes	Best Idea	CAPRESS- a low cost presser sensor	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>100000</td> </tr> </table>	Total Expense Amount Incurred by Institute? (In Rupees)	100000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Idea</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CAPRESS- a low cost presser sensor</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Business Model/Start up</td> </tr> </table>	Award / Position / Recognition Secured	Best Idea	Title of Innovation / Start-up Secured the Award / Recognition	CAPRESS- a low cost presser sensor	Award/Recognition/Achievement Received for	Business Model/Start up
Total Expense Amount Incurred by Institute? (In Rupees)	100000																							
Award / Position / Recognition Secured	Best Idea																							
Title of Innovation / Start-up Secured the Award / Recognition	CAPRESS- a low cost presser sensor																							
Award/Recognition/Achievement Received for	Business Model/Start up																							
4	DST AND Texas Instruments India innovation challenge Design contest 2019	Innovation	Innovation Contest	TEXAS INSTRUMENTS	Non-Govt. Agencies	04-12-2019 00:00:00	04-12-2019 00:00:00	1	2	1	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	Intellectual Property and Rights	IPR	Elective/Core Credit Course	Bachelor	Humanities	01-07-2019	06-11-2019	129	Offline	796	32
2	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Humanities	09-12-2019	30-04-2020	144	Offline	652	36
3	Green Technology	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	30-04-2020	144	Offline	530	36
4	Entrepreneurship development and Business Incubation	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Management	21-01-2020	11-05-2020	112	Online	60	40

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	AI and Machine Learning	Innovation	FDP in I&E / IPR	Computer Science and Engineering	23-12-2019	27-12-2019	5	Offline	61	30
2	Deep Learning and Applications	Innovation	FDP in I&E / IPR	Computer Science and Engineering	27-05-2019	31-05-2019	5	Offline	31	30
3	Natural Language Processing for the Digital Humanities (NLPDH 2019)	Innovation	FDP in I&E / IPR	Computer Science and Engineering	03-12-2019	13-12-2019	11	Offline	50	55
4	python programming with industry perspective	Innovation	FDP in I&E / IPR	Electronics and ICT Academics	02-12-2019	06-12-2019	5	Online	40	30
5	Advanced functional materials in nanotechnology	Innovation	FDP in I&E / IPR	Science and Humanities	22-06-2020	04-07-2020	13	Online	43	36

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	sandipan mallik	Electronics and communication Engineering	Associate 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)
2	Akankshya	Civil Engineering	Assistant Professor	No	No								
3	Barada Prasad Sethy	Civil Engineering	Assistant Professor	No	No								
4	M Uma Maheswar Rao	Civil Engineering	Assistant Professor	No	No								

5	Padminee Samal	Civil Engineering	Assistant Professor	No	No
6	Pedapenki Dinakar	Civil Engineering	Professor	No	No
7	Pradeepta Biswal	Civil Engineering	Assistant Professor	No	No
8	Ramakanta Choudhury	Civil Engineering	Assistant Professor	No	No
9	Roma Sahu	Civil Engineering	Assistant Professor	No	No
10	Subhada Nayak	Civil Engineering	Assistant Professor	No	No
11	Sujit Kumar Rout	Civil Engineering	Assistant Professor	No	No
12	Surya Narayan Patra	Civil Engineering	Assistant Professor	No	No
13	Anisur Rehman	Computer Science and Engineering	Professor	No	No
14	Arunima Sambhuta Pattanayak	Computer Science and Engineering	Assistant Professor	No	No
15	Asesh Kumar Tripathy	Computer Science and Engineering	Assistant Professor	No	No
16	Ashish Kumar Dass	Computer Science and Engineering	Assistant Professor	No	No
17	Asish Kumar Roy	Computer Science and Engineering	Assistant Professor	No	No
18	Bhabani Shankar Gouda	Computer Science and Engineering	Assistant Professor	No	No
19	Bhawani Sankar Pattnaik	Computer Science and Engineering	Professor	No	No
20	Ch Sreekumar	Computer Science and Engineering	Assistant Professor	No	No
21	Charulata Palai	Computer Science and Engineering	Assistant Professor	No	No
22	Debanand Kanhar	Computer Science and Engineering	Associate Professor	No	No
23	Deepika Rani Sahu	Computer Science and Engineering	Assistant Professor	No	No
24	G. Vivekananda	Computer Science and Engineering	Assistant Professor	No	No
25	Jaydev Mondal	Computer Science and Engineering	Assistant Professor	No	No
26	K Hemant Kumar Reddy	Computer Science and Engineering	Associate Professor	No	No
27	K Lakshmi Narayan	Computer Science and Engineering	Assistant Professor	No	No
28	Kanhu Charan Gouda	Computer Science and Engineering	Assistant Professor	No	No
29	Krishnendu Rarhi	Computer Science and Engineering	Assistant Professor	No	No
30	Madhuri Malakar	Computer Science and Engineering	Assistant Professor	No	No
31	Manali Sarkar	Computer Science and Engineering	Assistant Professor	No	No
32	Manisha Patro	Computer Science and Engineering	Lecturer	No	No
33	Motahar Reza	Computer Science and Engineering	Professor	No	No
34	Pradeep Kumar Jena	Computer Science and Engineering	Associate Professor	No	No
35	Prasant Kumar Mohanty	Computer Science and Engineering	Assistant Professor	No	No
36	Rabindra Ku Shial	Computer Science and Engineering	Associate Professor	No	No
37	Rahul Roy	Computer Science and Engineering	Assistant Professor	No	No

38	Rakesh Patra	Computer Science and Engineering	Assistant Professor	No	No
39	Rakesh Ranjan Swain	Computer Science and Engineering	Assistant Professor	No	No
40	Ranjit Kumar Behera	Computer Science and Engineering	Assistant Professor	No	No
41	Ruchika Padhi	Computer Science and Engineering	Assistant Professor	No	No
42	Santosh Kumar Das	Computer Science and Engineering	Assistant Professor	No	No
43	Santosh Kumar Kara	Computer Science and Engineering	Assistant Professor	No	No
44	Satya Ranjan Pattanaik	Computer Science and Engineering	Professor	No	No
45	Shom Prasad Das	Computer Science and Engineering	Professor	No	No
46	Siba Prasad Tripathy	Computer Science and Engineering	Assistant Professor	No	No
47	Siddhartha B. Neelamani	Computer Science and Engineering	Professor	No	No
48	Smaranika Padhy	Computer Science and Engineering	Assistant Professor	No	No
49	Sourabh Debnath	Computer Science and Engineering	Assistant Professor	No	No
50	Subhra Priyadarshini Biswal	Computer Science and Engineering	Assistant Professor	No	No
51	Sudhir Ranjan Pattanaik	Computer Science and Engineering	Professor	No	No
52	Susmita Mahato	Computer Science and Engineering	Assistant Professor	No	No
53	Tapas Kumar Mishra	Computer Science and Engineering	Assistant Professor	No	No
54	Abinash Sahu	Computer Science and Engineering	Assistant Professor	No	No
55	Amit Kumar Panda	Computer Science and Engineering	Lecturer	No	No
56	B Arnab	Computer Science and Engineering	Assistant Professor	No	No
57	Bharat Shree Bhusan	Computer Science and Engineering	Assistant Professor	No	No
58	Firoz Kumar Subudhi	Computer Science and Engineering	Assistant Professor	No	No
59	Ipsita Dalai	Computer Science and Engineering	Lecturer	No	No
60	Mithlesh Kumar Sharma	Computer Science and Engineering	Lecturer	No	No
61	N V Harish	Computer Science and Engineering	Assistant Professor	No	No
62	Ujjal Dey	Computer Science and Engineering	Assistant Professor	No	No
63	Ajit Kumar Panda	Electronics and Communication Engineering	Professor	No	No
64	Akash Kumar Dash	Electronics and Communication Engineering	Lecturer	No	No
65	Arttaran Sahu	Electronics and Communication Engineering	Assistant Professor	No	No
66	Asit Kumar Panda	Electronics and Communication Engineering	Associate Professor	No	No
67	Bibhuti Bhusan Mishra	Electronics and Communication Engineering	Assistant Professor	No	No
68	Debabandana Apta	Electronics and Communication Engineering	Assistant Professor	No	No
69	Diganta Das	Electronics and Communication Engineering	Assistant Professor	No	No
70	Durga Prasad Dash	Electronics and Communication Engineering	Associate Professor	No	No

71	Harikrushna Gantayat	Electronics and Communication Engineering	Assistant Professor	No	No
72	M. Suresh	Electronics and Communication Engineering	Professor	No	No
73	Malabika Pattnaik	Electronics and Communication Engineering	Assistant Professor	No	No
74	Manoja Kumar Senapati	Electronics and Communication Engineering	Assistant Professor	No	No
75	Mitu Baral	Electronics and Communication Engineering	Assistant Professor	No	No
76	Mrinal Das	Electronics and Communication Engineering	Professor	No	No
77	Mukesh K Shukla	Electronics and Communication Engineering	Assistant Professor	No	No
78	Prabhudatta Pradhan	Electronics and Communication Engineering	Assistant Professor	No	No
79	Pradyumna K Patra	Electronics and Communication Engineering	Associate Professor	No	No
80	Purnendu Mishra	Electronics and Communication Engineering	Assistant Professor	No	No
81	Rajesh Kumar Dash	Electronics and Communication Engineering	Associate Professor	No	No
82	Rajesh Kumar Patjoshi	Electronics and Communication Engineering	Associate Professor	No	No
83	Rakesh Roshan	Electronics and Communication Engineering	Assistant Professor	No	No
84	Santosh Kumar Acharya	Electronics and Communication Engineering	Assistant Professor	No	No
85	Santosh Kumar Padhi	Electronics and Communication Engineering	Assistant Professor	No	No
86	Santosh Kumar Patnaik	Electronics and Communication Engineering	Professor	No	No
87	Satyabrata Das	Electronics and Communication Engineering	Professorq	No	No
88	Satyasopan Mahato	Electronics and Communication Engineering	Associate Professor	No	No
89	Sudhakar Das	Electronics and Communication Engineering	Professor	No	No
90	Sukanta Kumar Swain	Electronics and Communication Engineering	Assistant Professor	No	No
91	Sukanti Pal	Electronics and Communication Engineering	Assistant Professor	No	No
92	Swadhin Kumar Mishra	Electronics and Communication Engineering	Associate Professor	No	No
93	Trinath Sahu	Electronics and Communication Engineering	Professor	No	No
94	Nihar R. Sahu	Electrical and Electronics Engineering	Assistant Professor	No	No
95	Santanu Kumar Pradhan	Electrical and Electronics Engineering	Associate Professor	No	No
96	Arabinda Panda	Electrical and Electronics Engineering	Assistant Professor	No	No
97	Ashwini Kumar Nayak	Electrical and Electronics Engineering	Assistant Professor	No	No
98	B Rajanarayan Prusty	Electrical and Electronics Engineering	Associate Professor	No	No
99	Basant Kumar Sahu	Electrical and Electronics Engineering	Assistant Professor	No	No
100	Bhagabati Prasad Patnaik	Electrical and Electronics Engineering	Assistant Professor	No	No
101	Ch Murthy	Electrical and Electronics Engineering	Professor	No	No
102	Chitta Ranjan Biswal	Electrical and Electronics Engineering	Assistant Professor	No	No
103	Dhirendra Kumar Malik	Electrical and Electronics Engineering	Assistant Professor	No	No

104	Gubbala Kedarnath	Electrical and Electronics Engineering	Assistant Professor	No	No
105	Kunja Bihari Swain	Electrical and Electronics Engineering	Assistant Professor	No	No
106	Mandakini Mahapatra	Electrical and Electronics Engineering	Lecturer	No	No
107	Nrusingha Prasad Tripathy	Electrical and Electronics Engineering	Assistant Professor	No	No
108	Praneeth Kumar Pedapati	Electrical and Electronics Engineering	Assistant Professor	No	No
109	Preeti Ranjan Sahu	Electrical and Electronics Engineering	Assistant Professor	No	No
110	Rajendra Kumar Khadanga	Electrical and Electronics Engineering	Associate Professor	No	No
111	Sachidananda Prasad	Electrical and Electronics Engineering	Associate Professor	No	No
112	Sasmita Padhy	Electrical and Electronics Engineering	Assistant Professor	No	No
113	Swagat Samantray	Electrical and Electronics Engineering	Assistant Professor	No	No
114	Duryodhan Sahu	Science and Humanity	Associate Professor	No	No
115	Manabendra Patra	Science and Humanity	Associate Professor	No	No
116	Ranjan Kumar Padhy	Science and Humanity	Assistant Professor	No	No
117	Sangita Kumari Swain	Science and Humanity	Assistant Professor	No	No
118	Sarita Sahu	Science and Humanity	Assistant Professor	No	No
119	Shrabani Mahata	Science and Humanity	Associate Professor	No	No
120	Anil Kumar Bishi	Science and Humanity	Assistant Professor	No	No
121	Dipti Ranjan Lenka	Science and Humanity	Assistant Professor	No	No
122	Madhusmita Swain	Science and Humanity	Assistant Professor	No	No
123	Nayanika Mahaptra	Science and Humanity	Assistant Professor	No	No
124	Sreta Patnaik	Science and Humanity	Assistant Professor	No	No
125	Sujata Mudali	Science and Humanity	Assistant Professor	No	No
126	Bhaskar Bhaula	Science and Humanity	Assistant Professor	No	No
127	Bishnukar Nayak	Science and Humanity	Assistant Professor	No	No
128	Deepak Acharya	Science and Humanity	Assistant Professor	No	No
129	Lakshmi Kanta Raju	Science and Humanity	Associate Professor	No	No
130	M Rajendra Kumar	Science and Humanity	Associate Professor	No	No
131	Pallab Kumar Kar	Science and Humanity	Professor	No	No
132	Sahadeb Kuila	Science and Humanity	Assistant Professor	No	No
133	Satyaban Panigrahi	Science and Humanity	Assistant Professor	No	No
134	Subrata Kumar Sahu	Science and Humanity	Assistant Professor	No	No
135	Umakanta Mishra	Science and Humanity	Professor	No	No
136	Alaka Pradhan	Science and Humanity	Lecturer	No	No

137	Asish Kumar Mohapatra	Science and Humanity	Assistant Professor	No	No
138	Debasish Panda	Science and Humanity	Associate Professor	No	No
139	Deepanjali Misra	Science and Humanity	Assistant Professor	No	No
140	Mihir Hota	Science and Humanity	Professor	No	No
141	Sumanta Kumar Patanaik	Science and Humanity	Assistant Professor	No	No
142	Abinash Panigrahy	Master of Business Administration	Assistant Professor	No	No
143	Jagan Mohan Mahapatro	Master of Business Administration	Assistant Professor	No	No
144	Priyanka Misra	Master of Business Administration	Assistant Professor	No	No
145	Achyutananda Parida	Mechanical Engineering	Assistant Professor	No	No
146	Alok Patra	Mechanical Engineering	Assistant Professor	No	No
147	Aruna Kumar Samantaray	Mechanical Engineering	Assistant Professor	No	No
148	Ashok Das	Mechanical Engineering	Professor	No	No
149	Aswini Kumar Khuntia	Mechanical Engineering	Assistant Professor	No	No
150	Bhimavarapu Sambhi Reddy	Mechanical Engineering	Associate Professor	No	No
151	Md Riazuddin	Mechanical Engineering	Assistant Professor	No	No
152	Nilesh Dalai	Mechanical Engineering	Assistant Professor	No	No
153	Parameswar Dash	Mechanical Engineering	Professor	No	No
154	Prajapati Naik	Mechanical Engineering	Assistant Professor	No	No
155	Santosh Kumar Panda	Mechanical Engineering	Assistant Professor	No	No
156	Saroj Kumar Padhy	Mechanical Engineering	Assistant Professor	No	No
157	Souren Misra	Mechanical Engineering	Associate Professor	No	No
158	Suresh Mohanty	Mechanical Engineering	Assistant Professor	No	No
159	Sushanta Kumar Sahu	Mechanical Engineering	Assistant Professor	No	No
160	Ajaya Kumar Rath	Master of Business Administration	Assistant Professor	No	No
161	Akankshya Patnaik	Master of Business Administration	Assistant Professor	No	No
162	Atul Bhatnagar	Master of Business Administration	Professor	No	No
163	Bhanu Prasad Behera	Master of Business Administration	Associate Professor	No	No
164	Bhargav Antani	Master of Business Administration	Professor	No	No
165	Bhaskar Bandyopadhyay	Master of Business Administration	Professor	No	No
166	Chinmaya Sahu	Master of Business Administration	Assistant Professor	No	No
167	Debraj Mishra	Master of Business Administration	Professor	No	No
168	Gaurav Rath	Master of Business Administration	Assistant Professor	No	No
169	Gayatri Panda	Master of Business Administration	Assistant Professor	No	No

170	Kumar Srikant Nayak	Master of Business Administration	Assistant Professor	No	No
171	Manmath Sahu	Master of Business Administration	Assistant Professor	No	No
172	Prabin Kumar Padhy	Master of Business Administration	Assistant Professor	No	No
173	Pramath Nath Acharya	Master of Business Administration	Assistant Professor	No	No
174	Ratnakar Mishra	Master of Business Administration	Professor	No	No
175	Rojalin Patri	Master of Business Administration	Assistant Professor	No	No
176	Sanjay Kumar Panda	Master of Business Administration	Professor	No	No
177	Subrat Kumar Das	Master of Business Administration	Assistant Professor	No	No
178	Suresh Patnaik	Master of Business Administration	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

No Data Filled!

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?						
1	Entrepreneurship Development Cell	EDC	2009	Co-working Space	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Durga Prasad Dash</td> </tr> <tr> <td>Facility Incharge Email</td> <td>durgadash@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9439416390</td> </tr> </table>	Facility Incharge Name	Durga Prasad Dash	Facility Incharge Email	durgadash@nist.edu	Facility Incharge Phone	9439416390	5	Yes	No	No
Facility Incharge Name	Durga Prasad Dash																
Facility Incharge Email	durgadash@nist.edu																
Facility Incharge Phone	9439416390																
2	CAD/CAM Lab	Design Centre	2015	Work Stations	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Sushanta Kumar Sahu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sushanta.sahu@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9937488818</td> </tr> </table>	Facility Incharge Name	Sushanta Kumar Sahu	Facility Incharge Email	sushanta.sahu@nist.edu	Facility Incharge Phone	9937488818	2	No	No	Yes
Facility Incharge Name	Sushanta Kumar Sahu																
Facility Incharge Email	sushanta.sahu@nist.edu																
Facility Incharge Phone	9937488818																

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)

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		SM Charitable Educational Trust		Educational Institute		5000	

3	Embedded Lab	Design Centre	2010	Co-working Space	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Student Clubs	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Kunja Bihari Swain</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kunja.swain@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9338727728</td> </tr> </table>	Facility Incharge Name	Dr. Kunja Bihari Swain	Facility Incharge Email	kunja.swain@nist.edu	Facility Incharge Phone	9338727728	4	Yes	No	Yes
Facility Incharge Name	Dr. Kunja Bihari Swain																
Facility Incharge Email	kunja.swain@nist.edu																
Facility Incharge Phone	9338727728																

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		SM Charitable Educational Trust		Educational Institute		25000	

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?						
1	center for semiconductor device fabrication and characterization	2014	Innovation Park/Research Park	DST SERB	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>sandipan mallik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sandipan@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9658965687</td> </tr> </table>	Facility Incharge Name	sandipan mallik	Facility Incharge Email	sandipan@nist.edu	Facility Incharge Phone	9658965687	4	Yes	No	Yes
Facility Incharge Name	sandipan mallik														
Facility Incharge Email	sandipan@nist.edu														
Facility Incharge Phone	9658965687														

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	
Funding Agency		DST SERB		Govt. Agency (Central)		2180800	
Institute's Own Fund / Resource		NIST		Educational Institute		50000	

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

2	National Instruments center of Excellence and Industrial Automation lab	2016	Pre-Incubation, Innovation Labs, Student Clubs		Facility Incharge Name	Dr Kunjabihari S wain	4	No	No	Yes
					Facility Incharge Email	kunja.s wain@nist.edu				
					Facility Incharge Phone	93387 27728				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
3	Antenna Fabrication & Microwave Measurement Lab	2013	Pre-Incubation, Incubation Unit, Innovation Labs, Student Clubs		Facility Incharge Name	Dr. Pradyumna Kumar Patra	4	No	No	Yes
					Facility Incharge Email	pradyumna@nist.edu				
					Facility Incharge Phone	79785 87326				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
4	IBM Centre of Excellence	2008	Pre-Incubation, Student Clubs		Facility Incharge Name	Debananda Kanhar	2	No	No	No
					Facility Incharge Email	debananda.kanhar@nist.edu				
					Facility Incharge Phone	94375 15784				

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

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

1	INCUBATIONS FOUNDATION	2018	Pre-Incubation, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	INSTITUTE FUNDS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Durga prasad Dash</td> </tr> <tr> <td>Facility Incharge Email</td> <td>durgadash@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96924 04144</td> </tr> </table>	Facility Incharge Name	Durga prasad Dash	Facility Incharge Email	durgadash@nist.edu	Facility Incharge Phone	96924 04144	4	No	No	Yes
Facility Incharge Name	Durga prasad Dash														
Facility Incharge Email	durgadash@nist.edu														
Facility Incharge Phone	96924 04144														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		SM CHARITABLE EDUCATIONAL TRUST,			Educational Institute		10000								

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Technology Information, Forecasting And Assessment Council (TIFAC)	2009	Pre-Incubation, Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	DST SERB	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>AJIT KUMAR PANDA</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akpanda@nist.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94370 14147</td> </tr> </table>	Facility Incharge Name	AJIT KUMAR PANDA	Facility Incharge Email	akpanda@nist.edu	Facility Incharge Phone	94370 14147	8	No	No	No
Facility Incharge Name	AJIT KUMAR PANDA														
Facility Incharge Email	akpanda@nist.edu														
Facility Incharge Phone	94370 14147														

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

1	IPR CELL	2017	Centre of Excellence with Advance Tools		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Sandip an mallick</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sandip an@ni st.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96589 65687</td> </tr> </table>	Facility Incharge Name	Sandip an mallick	Facility Incharge Email	sandip an@ni st.edu	Facility Incharge Phone	96589 65687	2	Yes	No	No
Facility Incharge Name	Sandip an mallick														
Facility Incharge Email	sandip an@ni st.edu														
Facility Incharge Phone	96589 65687														

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	Akankshya	Assistant Professor	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Green Marketing		Within	
2	Duryodhan Sahu	Associate Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Synthesis of ploymer and nanocomposites for applications in solar cells		Within	
Removal of chromium from contaminated waste water by adsorption method.		Within		
3	Shrabani Mahata	Associate Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fabrication and optical investigation of CdS and CdTe thin films for photovoltaic applications.		Within	
4	sandipan mallik	Associate professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Webartists India		Outside	awaiting
5	Satyasopan Mahato	Associate Professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Emat Technology		Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Dr. palash Das	IPR Protection & Commercialization	Unstructured Mentorship

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

2	Vishal Cauhan		IPR Protection & Commercialization				Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Filing of Patent	30-12-2019	30-12-2019	1	2	10	Innovation/Prototype	

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	Automated Probing System for On-wafer device Characterization	Product Innovation	Technological	center for semiconductor device fabrication and characterization	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>20000</td> </tr> </table>	Grant Amount in Rs	20000	No	No
Grant Amount in Rs	20000														
				Name	Type	Gender	Email	Contact							
				Dr. Sandipan Mallik	Faculty	Male	sandipan@nist.edu	9658965687							

Name	Type	Gender	Email	Contact
Ajit Dash	Student	Male	ajitdash58@gmail.com	7008298133
Ahmad Raja	Student	Male	Araja1521@gmail.com	-
Sd. Habibur Rahman	Student	Male	rahemanshr786@gmail.com	-
Prakash Panigrahi	Student	Male	-	-
Rahul Roy	Faculty	Male	rahulroy@nist.edu	-
Satya Sopan Mahato	Faculty	Male	satyasopan@gmail.com	9040416460

2

Cappress: a low cost pressure sensor	Product Innovation	Technological	center for semiconductor device fabrication and characterization	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name	Odi sha Youth Innovation Fund	No	Grant Amount in Rs	20000	Loan/Investment Agency Name	STARTUP ODISHA YATRA	No
								Agency Type	Govt. Agency (State)				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)	100000	
								Award / Position / Recognition Secured	BE ST PROJECT				Date of Investment Raised	15-01-2020	

Name	Type	Gender	Email	Contact
Dr. Sandipan Mallik	Faculty	Male	sandipan@nist.edu	9658965687

Name	Type	Gender	Email	Contact
Ajit Dash	Student	Male	ajitdash58@gmail.com	7008298133
Abhijeet Choudhury	Student	Male	abhijeetchoudhury101@gmail.com	9439582523
B S Patra	Student	Male	patrasachitra@gmail.com	9583026213

3	Development of highly ordered dye sensitized TiO2 nanotube based interface for solar driven hydrogen generation via photo catalytic- water splitting	Product Innovation	Technological	All instrumentation Facility	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Dr. Shrabani Mahata	Faculty	Female	srhabani.mahata@nist.edu	9556133238

Name	Type	Gender	Email	Contact
Chinmayee Patra	Faculty	Female	chinmayee.1988@gmail.com	8342915156

4	Hydrogen Production on doped Semiconductor-based Interface by Water Splitting	Product Innovation	Technological	All instrumentation Facility	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
Dr. Shrabani Mahata	Faculty	Female	srhabani.mahata@nist.edu	9556133238

Name	Type	Gender	Email	Contact
Dr Satya Sopan mahato	Faculty	Male	ssmahato@nist.edu	9040416460

5	Development of Dye-Sensitized Photo catalytic Interface for Hydrogen Generation	Product Innovation	Technological	All instrumentation Facility	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 15000	No	No
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Name		Type			Gender		Email		Contact				
Dr. Shrabani Mahata		Faculty			Female		srhabani.mahata@nist.edu		9556133238				
Name		Type			Gender		Email		Contact				
Dr Satya Sopan mahato		Faculty			Male		ssmahato@nist.edu		9040416460				
6	Green technologies for removal of heavy metals from water	Process Innovation	Technological	All instrumentation Facility	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 12500	No	No
Name		Type			Gender		Email		Contact				
Ranjan Kumar padhy		Faculty			Male		rkpadhy@nist.edu		9438462591				
7	PL studies on Lanthanides doped nanoparticles	Product Innovation	Technological	All instrumentation Facility	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 11000	No	No
Name		Type			Gender		Email		Contact				
Ms Sangita Kumari Swain		Faculty			Female		sangita.swain@nist.edu		9438766003				
8	Design of Atmega328 controller based board for Air quality monitoring	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 18500	No	No

Name		Type				Gender		Email		Contact		
Manoj Senapati		Faculty				Male		manojsenapati@nist.edu		9692079202		
9	Study and Design of WLAN Band stop filter embedded with UWB Antenna	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No
Pradyumna Kumar Patra		Faculty				Male		pradyumna@nist.edu		9178511166		
10	Time programmed Solar Tracking system	Product Innovation	Technological		Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 16000	No
Rajesh Kumar Das		Faculty				Male		rkdash@nist.edu		9861034723		
11	An Intelligent System for smart farming	Product Innovation	Technological	CSE Dept.	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 11500	No

Name		Type								Gender		Email		Contact	
Ranjit Kumar Behera		Faculty								Male		ranjitbehera@nist.edu		9861762524	
12	IOT Based Health Care System Using Biomedical Sensors	Service Innovation	Technological	National Instruments centre of Excellence and Industrial Automation lab	Student-Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000		No	No	
	Name		Type								Gender		Email		Contact
	Dr Kunjabihari Swain		Faculty								Male		kunja.swain@nist.edu		9338727728
	Name		Type								Gender		Email		Contact
Tusharkanta Mishra		Student								Male		tkmishra.ece.2017@nist.edu		-	
13	Design and hardware setup development of Modern Hybrid Rechargeable Electric Motorized Bicycle	Product Innovation	Technological	Robotics and Embedded System Lab.	Student-Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000		No	No	
	Name		Type								Gender		Email		Contact
	Basant Kumar Sahu		Faculty								Male		basantsahu@nist.edu		9938187528
	Name		Type								Gender		Email		Contact
	Amresh Asis Tripathy		Student								Male		aatripathy.ee.2017@nist.edu		-
S. P. Kartik		Student								Male		spkartik.ee.2017@nist.edu		-	
N. Pawan Rao		Student								Male		nprao.ele.2017@nist.edu		-	

14	Design and hardware setup development of multipurpose humanoid robot	Product Innovation	Technological	Robotics and Embedded System Lab.	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 18000	No	No
Name		Type			Gender		Email			Contact			
Basant Kumar Sahu		Faculty			Male		basantsahu@nist.edu			9938187528			
Name		Type			Gender		Email			Contact			
Ashutosh Das,		Student			Male		adas.ee.2017@nist.edu			-			
Nikita Priyadarshini Dalai		Student			Female		npdalai.ece.2017@nist.edu			-			
15	Wide Area Situational Awareness Assessment Using PMUs	Service Innovation	Technological	Synchrophasor Lab	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 15000	No	No
Name		Type			Gender		Email			Contact			
Murthy Cherukuri		Faculty			Male		chmurthy@nist.edu			8763455345			
Name		Type			Gender		Email			Contact			
Kunjabihari Swain		Faculty			Male		kunja.swain@nist.edu			9338727728			

16	FIBER OPTIC GREEN SENSOR FOR TOXIC GAS	Process Innovation	Technological	Synthesis Lab and nano optic lab	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	Agency Name Centurion University of Technology and Management	Agency Type Educational Institute	Award / Position / Recognition Secured 2nd Best Poster	No	Grant Amount in Rs 1000	No	No
Name		Type			Gender			Email			Contact				
Deepanjali Misra		Faculty			Female			deepanjali@nist.edu			9861762524				
Name		Type			Gender			Email			Contact				
Ashis Kumar Mund		Student			Male			ashishmund1994@gmail.com			9668855651				

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the 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	MODERNA CRES INDIA pvt. Ltd.	Service Innovation	Technological	6307	Student-Faculty	<table border="1"> <tr> <td>Venture with Corporate Identification Number (CIN) Registration</td> <td>U74999OR2018PTC029729</td> </tr> </table>	Venture with Corporate Identification Number (CIN) Registration	U74999OR2018PTC029729	2018-19	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>startup odisha</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Recognition</td> </tr> </table>	Agency Name	startup odisha	Agency Type	Govt. Agency (State)	Award / Position / Recognition Secured	Recognition	No	No	No	No																
Venture with Corporate Identification Number (CIN) Registration	U74999OR2018PTC029729																																				
Agency Name	startup odisha																																				
Agency Type	Govt. Agency (State)																																				
Award / Position / Recognition Secured	Recognition																																				
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Nadadur Krishna SRI SAI</td> <td>08231893</td> <td>Student</td> <td>Male</td> <td>krishna@modernacres.in</td> <td>8984632307</td> </tr> <tr> <td>satya swarup swain</td> <td>08231867</td> <td>Student</td> <td>Male</td> <td>satya@modernacres.in</td> <td>8249481616</td> </tr> <tr> <td>BHAGABATI PRASAD PATTNAIK</td> <td>08258482</td> <td>Faculty</td> <td>Male</td> <td>bhagabti@nist.edu</td> <td>7377630437</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	Nadadur Krishna SRI SAI	08231893	Student	Male	krishna@modernacres.in	8984632307	satya swarup swain	08231867	Student	Male	satya@modernacres.in	8249481616	BHAGABATI PRASAD PATTNAIK	08258482	Faculty	Male	bhagabti@nist.edu	7377630437
Name	DIN number	Type	Gender	Email	Contact																																
Nadadur Krishna SRI SAI	08231893	Student	Male	krishna@modernacres.in	8984632307																																
satya swarup swain	08231867	Student	Male	satya@modernacres.in	8249481616																																
BHAGABATI PRASAD PATTNAIK	08258482	Faculty	Male	bhagabti@nist.edu	7377630437																																

2	EMATE TECHNOLOGY PRIVATE LIMITED	Service Innovation	Technological	6307	Student	Venture with Corporate Identification Number (CIN) Registration	U74999OR 2018PTC02 9583	2018-19	Received Incubation Support from Incubation Unit	Agency Name	Startup Odisha	No	No	No	No
										Agency Type	Govt. Agency (State)				
										Award / Position / Recognition Secured	Recognition				

Name	DIN number	Type	Gender	Email	Contact
ASHISH KUMAR MISHRA	08231871	Student	Male	mishraashish120@gmail.com	9113423269

Shreya Kundu	08231788	Student	Female	shreyakundu75@gmail.com	9937413879
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3	Xioty Solutions Private limited	Product Innovation	Technological	6307	Student	Venture with Corporate Identification Number (CIN) Registration	U72200OR 2018PTC02 9852	2018-19	Received Incubation Support from Incubation Unit	Agency Name	startup odisha	No	No	No	No
										Agency Type	Govt. Agency (State)				
										Award / Position / Recognition Secured	recognition				

Name	DIN number	Type	Gender	Email	Contact
ESWAR DORA KOTIPALI	08277381	Student	Male	xiotysolutions18@gmail.com	6370194242

SUBHASISH PANI	08277382	Student	Male	xiotysolutions18@gmail.com	6370194242
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4	Prakrika Technology Private Ltd.	Product Innovation	Technological	6307	Student	Venture with Corporate Identification Number (CIN) Registration	U74999OR 2018PTC03 0093	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No	No
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Name	DIN number	Type	Gender	Email	Contact
CHANDAN KUMAR RAUTO	08308830	Student	Male	info@prakrika.com	965861011

PRANAMITA RAUTO	08308831	Student	Female	-	-
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5	AGMANSU TECHNOLOGY PRIVATE LIMITED	Product Innovation	Techno logical	6307	Student	Venture with Corporate Identification Number (CIN) Registration	U01820OR 2018PTC03 0016	2018 -19	Received Incubation Support from Incubation Unit	Agency Name	startup odisha	No	No	No	No
										Agency Type	Govt. Agency (State)				
										Award / Position / Recognition Secured	recognition				
Name		DIN number		Type		Gender		Email		Contact					
GURUDATTA PANDA		08298278		Student		Male		gurudattabam@gmail.com		9778238593					
PRABEEN KUMAR SAHU		08298277		Student		Male		-		-					
ABINASH PANIGRAH		08298276		Student		Male		-		-					
6	FOCKUS SKETCH AND MARKETING PRIVATE LIMITED	Market-place Innovation	Techno logical	6307	Student	Venture with Corporate Identification Number (CIN) Registration	U74999OR 2018PTC02 9675	2018 -19	Received Incubation Support from Incubation Unit	Agency Name	startup odisha	No	No	No	No
										Agency Type	Govt. Agency (State)				
										Award / Position / Recognition Secured	recognition				
Name		DIN number		Type		Gender		Email		Contact					
NADADUR KRISHNA SRI SAI		08231893		Student		Male		krishna@modernacres.in		8984632307					
SATYA SWARUP SWAIN		08231867		Student		Male		-		-					
VIVEKANANDA SAHU		08231790		Student		Male		-		-					

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	School of Software Convergence, Meongji University (MJU), Seoul, South Korea	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Seed fund	0	05-09-2019
2	IIT-Kanpur	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Investment,Seed fund	0	07-01-2019
3	New Jersey Institute of Technology, USA	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Seed fund	0	26-06-2019
4	Dayalbagh Educational Institute	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	05-04-2019

5	UCET Hazaribag	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	10-05-2019
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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	A SYSTEM FOR CUSTOMIZED UNIVERSAL DC CIRCUIT EMULATION AND A METHOD THEREOF	201831035787	National	2020 - 03	Uploaded
2	METAL PROTEIN SEMICONDUCTOR STRUCTURE	201831045064	National	2019 - 11	Uploaded
3	INTELLIGENT MANEUVERING HYPOLIMNETIC AERATION SYSTEM	201831031000	National	2020 - 02	Uploaded
4	SMART CARD SYSTEM AND METHOD FOR GENERATING AND TRANSMITTING TOKENS THROUGH MACHINE READABLE CODES	201941038193	National	2019 - 10	NA

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : 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 Dr. Priyadarshi Tripathy (Head of Institute) and Mr. Ranjit Kumar Behera (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



Dr. Priyadarshi Tripathy
Head of the Institution,
Berhampur, Odisha

Nodal officer



Mr. Ranjit Kumar Behera
Nodal Officer,
Berhampur, Odisha