



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: Centurion University of Technology and Management [ARI-U-0353]

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	Center for Innovators and Entrepreneurs	Incubation Unit	Start up incubation, mentoring	At all level	Both	0	12	3
2	Computational Mathematics	Research Unit / Park	Computational Fluid Dynamics, Quantum Computing, High Performance Computing	UG / PG / PhD	Technical	2377	15	2
3	Communication Technologies	Research Unit / Park	5G, Antenna Design	UG / PG / PhD	Technical	345	3	1
4	Centurion IPR cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	patents/copyrights	At all level	Both	7700	337	117
5	Electronics Communication Engineering (ECE)	Academic Department with lab facility	Applied electronics device lab	At all level	Technical	250	16	5
6	Embedded system lab	Academic Department with lab facility	Chip design, Microprocessor, Microcontroller, Audrino, Rasberipi	UG / PG / PhD	Technical	182	16	5
7	VLSI Design	Academic Department with lab facility	IC design and simulation/ chip design	UG / PG / PhD	Technical	150	16	5
8	Analog Communication Technology and Digital Communication Technology Lab	Academic Department with lab facility	communication	UG / PG / PhD	Technical	345	16	5
9	PCB design Lab	Academic Department with lab facility	basic electronics components, identification and testing	UG / PG / PhD	Technical	90	16	5
10	Microwave and Antenna Lab	Academic Department with lab facility	Hardware and designing using AHFSS	UG / PG / PhD	Technical	160	16	5
11	Digital Signal Processing Lab	Academic Department with lab facility	signal analysis through MATLAB	UG / PG / PhD	Technical	90	16	5
12	Mini tool Room	Centre of Excellence with Advance Tools & Equipment	Aerospace and Automotive component Manufacturing	Diploma / Polytechnic	Technical	435	12	4

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13	Centurion Industry-Institute Interface Cell	Industry Institute Interface Unit	exchange program, curriculum design, collaborative research, Internships & placements	At all level	Both	7700	337	117
14	Makerspace	Pre-incubation unit	Agritech, waste management, Gaming, AI & Robotics, fintech, Edutech, Rural Development, food retail	At all level	Both	8337	1	1
15	Center for Agriculture Production	Research Unit / Park	Agri Food production, Training and Sales	At all level	Both	0	20	3
16	Center for Phytopharma	Research Unit / Park	Targeted drugs with medicinal plants, Extracts, Molecular isolation from medicinal plant	UG / PG / PhD	Technical	342	14	1
17	Center for Smart Agriculture and Allied Sector	Research Unit / Park	Standardization of suitable technologies for protected and smart agriculture	At all level	Both	0	31	5
18	Center for Data Sciences	Research Unit / Park	Big data, Hadoop, ETL tools, Pentaho, SQL	UG / PG / PhD	Technical	771	10	2
19	Center for Artificial Intelligence and Robotics	Research Unit / Park	Artificial Intelligence, Machine learning, Robotics	UG / PG / PhD	Technical	640	8	2
20	SOIL SCIENCE and AGRICULTURAL CHEMISTRY LAB	Academic Department with lab facility	SOIL SCIENCE	UG / PG / PhD	Technical	900	8	2
21	PLANT PATHOLOGY LAB	Academic Department with lab facility	Plant Pathology - Agriculture	UG / PG / PhD	Technical	860	7	2
22	ENVIRONMENTAL SCIENCE LAB	Academic Department with lab facility	Soil Science - Agriculture	UG / PG / PhD	Technical	270	4	2
23	Center for Bio Electronics and Medical Systems	Research Unit / Park	Biomedical Applications, Medical Device, Sensors and Biosensors	UG / PG / PhD	Technical	324	4	1
24	Center for Smart Infrastructure	Research Unit / Park	Smart Cities, Smart Grid, Clean Technology	At all level	Technical	0	19	3
25	ENTOMOLOGY LAB	Academic Department with lab facility	Entomology - Agriculture	UG / PG / PhD	Technical	860	7	2
26	AGRONOMY LAB	Academic Department with lab facility	Agronomy- Agriculture	UG / PG / PhD	Technical	910	20	4
27	Center for Manufacturing	Research Unit / Park	Aerospace and Automotive components	At all level	Technical	1453	8	4

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28	HORTICULTURE LAB	Academic Department with lab facility	Horticulture - Agriculture	UG / PG / PhD	Technical	885	16	4
29	POST-HARVEST LAB	Academic Department with lab facility	Horticulture - Agriculture	UG / PG / PhD	Technical	300	4	2
30	GENETICS and PLANT BREEDING LAB	Academic Department with lab facility	Genetics & Plant Breeding - Agriculture	UG / PG / PhD	Technical	885	12	2
31	Center for Fintech	Research Unit / Park	Software design for financial services	UG / PG / PhD	Technical	620	10	1
32	Center for Drug Design and Delivery	Research Unit / Park	Identification of Anti-infective from Natural and Synthetic Sources, Design and Development of Nano formulations	UG / PG / PhD	Technical	1076	30	5
33	Center for Chip making	Research Unit / Park	MCU(Microcontroller Unit), PCB(Printed Circuit Boards), ECU(Engin control Unit), Insulin Pump, Apparel Tracking System using IIOT	UG / PG / PhD	Technical	315	7	1
34	Center for Smart Mobility and Machines	Research Unit / Park	Design of BMS, DRONE, Agri Machineries, ECU design, Design of E-SCV	At all level	Technical	0	11	2
35	Center for Space and Earth Sciences	Research Unit / Park	Hyperspectral Image Analysis; Orbital Dynamics Simulations & Space Weather Studies	UG / PG / PhD	Technical	339	6	1
36	Center for New Material Applications	Research Unit / Park	New Material development (Battery, Protective coating, photo voltaic technology)	UG / PG / PhD	Technical	931	26	3
37	SEED SCIENCE LAB	Academic Department with lab facility	Genetics & Plant Breeding - Agriculture	UG / PG / PhD	Technical	280	4	1
38	Center for Lasers	Research Unit / Park	Laser and its Applications, Research in Laser	UG / PG / PhD	Technical	245	5	1
39	PLANT PHYSIOLOGY LAB	Academic Department with lab facility	Biochemistry and Plant Physiology - Agriculture	UG / PG / PhD	Technical	350	5	2
40	BIOCHEMISTRY LAB	Academic Department with lab facility	Biochemistry and Plant Physiology - Agriculture	UG / PG / PhD	Technical	300	5	2
41	Center for Genetics and Genomics	Research Unit / Park	Gene Sequencing, genomics, crop breeding	UG / PG / PhD	Technical	0	19	3

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42	BIOTECHNOLOGY LAB	Academic Department with lab facility	Plant Biotechnology	UG / PG / PhD	Technical	300	4	1
43	AGRICULTURAL EXTENSION LAB	Academic Department with lab facility	Agricultural Extension	UG / PG / PhD	Technical	880	7	1
44	FISHERIES RESOURCE MANAGEMENT LAB	Academic Department with lab facility	Fisheries Science	UG / PG / PhD	Technical	90	4	2
45	AQUACULTURE LAB	Academic Department with lab facility	Fisheries Science	UG / PG / PhD	Technical	90	4	2
46	FISH PROCESSING LAB	Academic Department with lab facility	Fisheries Science	UG / PG / PhD	Technical	90	4	2
47	Center for Governance and Sustainable Societies	Research Unit / Park	Sustainable livelihood, Social Impact research, Natural Resource Management, Equity and Empowerment, Development Policy Research, FPOs, Educational Policies	At all level	Both	0	17	4
48	FISH REARING UNIT	Academic Department with lab facility	Fisheries Science	UG / PG / PhD	Technical	90	4	2
49	FARM MACHINERY LAB	Academic Department with lab facility	B.Tech Agricultural Engineering	UG / PG / PhD	Technical	500	5	1
50	SOIL and WATER CONSERVATION ENGG.LAB	Academic Department with lab facility	B.Tech Agricultural Engineering	UG / PG / PhD	Technical	500	5	1
51	FOOD PROCESSING LAB	Academic Department with lab facility	B.Tech Agricultural Engineering	UG / PG / PhD	Technical	500	5	1
52	Center for Medical Diagnostics	Research Unit / Park	Research and Disease diagnosis for preventive care	At all level	Technical	270	9	2
53	Center for Wealth to Waste management	Research Unit / Park	waste to wealth Management Solid and Liquid waste Management	At all level	Both	0	11	1
54	Center for Digital Manufacturing	Research Unit / Park	Digital Manufacturing Solution for Apparel, Automotive and Mining Verticals, Additive Manufacturing, Composites Design	At all level	Technical	856	30	8
55	Center for EdTech and Skills Tech	Research Unit / Park	LMS - Learning Management System,ERP, AR-Vr Application Development, Skill-Tech Development, Web and Digital Publishing	At all level	Both	0	18	3

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56	Pharmaceutical Chemistry Lab	Academic Department with lab facility	Pharmaceutical Chemistry	At all level	Technical	377	24	12
57	Center for 3DS Applications	Research Unit / Park	3D Design and development of Automobile, aerospace, medical devices	At all level	Technical	265	10	2
58	Pharmacognosy and phytochemistry Lab	Academic Department with lab facility	Pharmacognosy and phytochemistry	At all level	Technical	377	24	12
59	Pharmacology Lab.	Academic Department with lab facility	Pharmacology	At all level	Technical	377	24	12
60	Pharmaceutics Lab.	Academic Department with lab facility	Pharmaceutics	At all level	Technical	377	24	12
61	Center for Aquaculture	Research Unit / Park	Intensification of Aquaculture Practices, Research in Fish Nutritional and Diseases Management	UG / PG / PhD	Both	373	13	2
62	Editing Lab	Academic Department with lab facility	Media and Communication	UG / PG / PhD	Technical	23	5	2
63	Recording Room	Academic Department with lab facility	Media and Communication	UG / PG / PhD	Technical	23	5	2
64	Virtual studio	Academic Department with lab facility	Media and Communication	UG / PG / PhD	Technical	23	5	2
65	Optometry Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
66	Pathology Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
67	Radiology Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
68	Microbiology Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
69	Operation Theatre Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
70	Anesthesia Technology Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1
71	Emergency Medicine Technology Lab	Academic Department with lab facility	Healthcare	UG / PG / PhD	Technical	60	4	1

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72	Dialysis Lab	Academic Department with lab facility	Healthcare	At all level	Technical	30	2	1
73	Paramedic Lab	Academic Department with lab facility	Healthcare	At all level	Technical	30	2	1
74	Language Lab	Academic Department with lab facility	English	UG / PG / PhD	Both	2838	10	3
75	Volvo-Eicher Automotive Training lab	Academic Department with lab facility	Automotive service training and certification	At all level	Technical	223	8	2
76	Forensic lab (toxicology and ballistics)	Academic Department with lab facility	Forensic chemistry, forensic finger print and questioned documents & forensic Physics	UG / PG / PhD	Technical	62	6	2
77	Forensic Biology Lab	Academic Department with lab facility	Forensic Biology	UG / PG / PhD	Technical	62	6	2
78	Welding and Fabrication lab	Academic Department with lab facility	Welding and fabrication training and product design	At all level	Technical	345	4	2
79	Meteorology and Inspection Lab	Academic Department with lab facility	Inspection and quality testing	At all level	Technical	1180	6	2
80	CAD Lab	Academic Department with lab facility	Design using CAD	At all level	Technical	1198	4	2
81	Heat Transfer Lab	Academic Department with lab facility	Heat transfer and application	At all level	Technical	1719	3	1
82	Material Testing Lab	Academic Department with lab facility	Testing and inspection	At all level	Technical	1180	3	1
83	Fluid Mechanics and Machines lab	Academic Department with lab facility	Fluid mechanics	At all level	Technical	1180	2	1
84	Wood Engineering	Academic Department with lab facility	wooden Furniture design and Manufacturing	At all level	Technical	1180	1	1
85	Center for Augmented and Virtual Reality	Centre of Excellence with Advance Tools & Equipment	Computer Graphics, Game Development, Augmented Reality, Virtual Reality	At all level	Technical	0	4	0
86	Center for Renewable Energy and Environment	Centre of Excellence with Advance Tools & Equipment	Installation, Operation and maintenance of solar products.	At all level	Technical	0	3	2
87	Center for medical diagnostics	Centre of Excellence with Advance Tools & Equipment	Diagnosis of diseases prevailing in community	At all level	Technical	0	9	1

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88	Machine Dynamics and Vibration Lab	Academic Department with lab facility	inspection and testing	At all level	Technical	1180	1	1
89	Center for Material Testing	Centre of Excellence with Advance Tools & Equipment	X ray fluoroscopy,UTM,surface measurement	At all level	Technical	0	2	2
90	Center for 3D Design using Dassault tools	Centre of Excellence with Advance Tools & Equipment	3D Design of aerospace, automobile, manufacturing, mining and infrastructure	At all level	Technical	0	10	1
91	Programming lab	Academic Department with lab facility	C programming, Java programming, Lab Design Analysis and Algorithms AIML using Python Cloud Computing and its application Using Linux DBMS	At all level	Technical	600	2	1
92	Project and Simulation Lab	Academic Department with lab facility	"DBMS Cloud Computing IT Application using Linux Introduction to cyber Security AI & ML using Python "	At all level	Technical	600	2	1
93	Operating Systems Lab	Academic Department with lab facility	Cloud Computing, Linux	At all level	Technical	600	2	1
94	Food Process Engineering Lab	Academic Department with lab facility	Food Processing and quality analysis - Agricultural Engineering and B.Sc Ag	UG / PG / PhD	Technical	200	8	1
95	Computer Architecture Organization lab	Academic Department with lab facility	Computer Architecture	At all level	Technical	600	2	2
96	Soil and Water Conservation Engineering Lab Agriculture	Academic Department with lab facility	Soil and water conservation structures	UG / PG / PhD	Technical	900	8	1
97	Farm Machinery and Power Lab	Academic Department with lab facility	Agricultural Implements	UG / PG / PhD	Technical	400	8	1
98	Biotechnology Lab	Academic Department with lab facility	B.Tech Biotechnology	UG / PG / PhD	Technical	12	2	1
99	Microbiology Lab	Academic Department with lab facility	B.Tech Biotechnology	Diploma / Polytechnic	Technical	12	2	1
100	Plant tissue culture Lab	Academic Department with lab facility	Tissue culture	Diploma / Polytechnic	Technical	12	2	1
101	Smart City Lab	Academic Department with lab facility	BIM modelling, Geometric modelling, Digital twin city modelling, AutoCAD, Revit	At all level	Technical	135	11	4

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102	Biochemistry Lab	Academic Department with lab facility	B.Tech Biotechnology	Diploma / Polytechnic	Technical	12	2	1
103	Transportation Lab	Academic Department with lab facility	Multidisciplinary	At all level	Technical	135	11	4
104	Mine Machinery Lab	Academic Department with lab facility	Mining Engineering	UG / PG / PhD	Technical	150	3	1
105	Geotech Lab	Academic Department with lab facility	Multidisciplinary	At all level	Technical	185	15	2
106	Geology Lab	Academic Department with lab facility	Mining Engineering	At all level	Technical	216	2	2
107	Concrete Technology Lab	Academic Department with lab facility	concrete Test	At all level	Technical	106	7	3
108	Material Testing lab Civil engineering	Academic Department with lab facility	Material testing	At all level	Technical	63	4	2
109	Surveying lab	Academic Department with lab facility	multidisciplinary	At all level	Technical	784	11	4
110	Central Workshop	Academic Department with lab facility	Multidisciplinary	At all level	Technical	443	9	2
111	General Mechanical Engineering Lab	Academic Department with lab facility	Mining	Diploma / Polytechnic	Technical	175	5	1
112	Thermal Lab	Academic Department with lab facility	Multidisciplinary	At all level	Technical	440	1	1
113	Non traditional Machining Lab	Academic Department with lab facility	3D Printing	UG / PG / PhD	Technical	235	1	1
114	Advance Testing and Caliberation Lab	Academic Department with lab facility	ATC	At all level	Technical	630	3	2
115	Digital Manufacturing Lab	Academic Department with lab facility	Digital manufacturing	UG / PG / PhD	Technical	124	1	1
116	Computer Numeric Control(CNC) Lab	Academic Department with lab facility	CNC application	At all level	Technical	1421	4	2
117	Electrical Machines lab	Academic Department with lab facility	Electrical machines	At all level	Technical	643	5	4
118	Power Electronics Lab	Academic Department with lab facility	Electronics	At all level	Technical	345	3	1

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119	Electrical Measurement	Academic Department with lab facility	Electric Measurement	UG / PG / PhD	Technical	145	3	2
120	Basic Electrical Lab	Academic Department with lab facility	Multidisciplinary	At all level	Technical	1245	8	2
121	Centurion Fab	Incubation Unit	metallic Utilities	Not Allowed	Not Allowed	0	4	30
122	Centurion Woodworks	Incubation Unit	Wooden products and modular Accessories	Diploma / Polytechnic	Technical	0	3	25
123	Gram Tarang Garments	Incubation Unit	"Uniforms, Customizd Bag, T Shirts with Screen / Embroderied Printing"	At all level	Both	0	10	55
124	Centurion MachTech	Incubation Unit	Production and Training for aerospace and automobile components	At all level	Technical	0	3	5
125	Centurion Gram Sanjeevani	Incubation Unit	Provide low budget doctor consultation and medicine in the rural Odisha where there is no hospital in the nearby area. It will be done on CGS App and entirely online. Serves the patients and also supports rural entrepreneur incubation to the medicine kiosks.	Not Allowed	Not Allowed	0	2	1
126	Futurator Technologies	Incubation Unit	3D printing	Not Allowed	Not Allowed	0	1	0
127	Sangam Designs	Incubation Unit	Art and craft with locally sourced handloom and fabrics	Not Allowed	Not Allowed	0	1	6
128	Centurion Pavers	Pre-incubation unit	paver block of varied design	Not Allowed	Not Allowed	0	1	5
129	Solar Aerator	Pre-incubation unit	Agri tech, Solar Aerator	Not Allowed	Not Allowed	0	1	0
130	Blockation	Pre-incubation unit	Blockchain applications	UG / PG / PhD	Technical	51	2	1
131	Searching Yard Software	Incubation Unit	mobile app, digital marketing, IoT	Not Allowed	Not Allowed	0	2	0
132	Yardhealth Innovation and Research	Incubation Unit	Medical appliances and Instruments	Not Allowed	Not Allowed	0	2	0
133	RR Agro	Incubation Unit	Agri input marketing	Not Allowed	Not Allowed	0	1	1
134	Yummy Mush	Pre-incubation unit	Organic and Flavored mushroom	Not Allowed	Not Allowed	0	0	0

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135	Bio Instrumentation Lab	Academic Department with lab facility	BOTANY Students Research and Project	UG / PG / PhD	Technical	474	6	2
136	Industrial Chemistry Lab	Academic Department with lab facility	CHEMISTRY- M.Sc. , B.,Sc., B.Tech	UG / PG / PhD	Technical	345	8	4
137	Plant Science Lab	Academic Department with lab facility	BOTANY- B.Sc and M.Sc. And research work for M.Sc , M.Phil and Ph.D	Diploma / Polytechnic	Technical	146	6	1
138	Inorganic Chemistry Lab	Academic Department with lab facility	Chemistry- M.Sc. , B.,Sc., B.Tech	UG / PG / PhD	Technical	345	8	4
139	Synthetic Chemistry Lab	Academic Department with lab facility	Chemistry - B.Sc. M.Sc. M.Phil and PhD	UG / PG / PhD	Technical	290	8	4
140	Engineering Physics Lab	Academic Department with lab facility	Engineering Physics	UG / PG / PhD	Technical	380	8	4
141	Modern Physics Lab	Academic Department with lab facility	Students Lab Experiment	UG / PG / PhD	Technical	270	8	4
142	Applied Physics Lab	Academic Department with lab facility	Students Research and Project	UG / PG / PhD	Technical	220	8	4
143	Computational Physics Lab	Academic Department with lab facility	PHYSICS- B.Sc and M.Sc. And research work for M.Sc , M.Phil and Ph.D	UG / PG / PhD	Technical	220	4	1
144	Computational Mathematics Lab	Academic Department with lab facility	B.Sc and M.Sc. And research work for M.Sc , M.Phil and Ph.D	UG / PG / PhD	Technical	186	7	1
145	Animal Biology Lab	Academic Department with lab facility	ZOOLOGY Students Lab Experiment	UG / PG / PhD	Technical	328	6	2
146	Basics Biology Lab	Academic Department with lab facility	ZOOLOGY Students Lab Experiment	UG / PG / PhD	Technical	112	6	2
147	Jivada	Incubation Unit	Hospitality	At all level	Non-Technical	100	2	2
148	SKYYRIDER	Incubation Unit	Automotive design and manufacturing	At all level	Technical	200	1	3

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 : IC202014433
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required

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

Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Adobe Spark Tool	Innovation	Training	Institute Lead Activity	Centre for EdTech and Skill Tech	23-09-2019 00:00:00	24-09-2019 00:00:00	2	Within Campus	0	24	0	0	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15600	No
2	Bio-inspired computational techniques and tools for engineering applications	IPR, Innovation	Workshop	Institute Lead Activity	School of Applied Sciences	29-08-2019 00:00:00	30-08-2019 00:00:00	2	Within Campus	0	20	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 44000	No
3	Soft computing techniques for design of experiments	Innovation	Conference	Institute Lead Activity	CSE	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	0	15	0	0	15	No	No
4	Session on animation - vtx - multimedia - game - file making - SoMC	Innovation	Training	Institute Lead Activity	SoMC	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	0	10	0	0	10	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 17000	No
5	Nanoparticles use in Aquaculture	Innovation	Conference	Institute Lead Activity	SoAS	18-08-2019 00:00:00	18-08-2019 00:00:00	1	Within Campus	0	55	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6500	No

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

6	Gene analysis technique and biomolecular dynamics	Innovation	Workshop	Institute Lead Activity	School of Applied Sciences	28-05-2019 00:00:00	29-05-2019 00:00:00	2	Within Campus	0	43	0	0	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	68500	No
7	Awareness generation on intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Centurion IPR facilitation Cell	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	0	19	0	0	19	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
8	Workshop on blockchain	Innovation	Workshop	Institute Lead Activity	SoM	05-12-2019 00:00:00	07-12-2019 00:00:00	3	Within Campus	9	22	0	0	31	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	86500	No
9	Intellectual Property Rights	IPR	Orientation Session	Institute Lead Activity	Centurion IPR Facilitation Cell	23-11-2019 00:00:00	23-11-2019 00:00:00	1	Within Campus	0	27	0	0	27	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14100	No
10	INTELLECTUAL PROPERTY RIGHTS, R&D AND INNOVATION	IPR	Workshop	Institute Lead Activity	Centurion IPR facilitation Cell	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	0	22	0	22	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14100	No
11	Internet of Things using Arduino	Innovation	Workshop	Institute Lead Activity	School of Engineering and Technology and IoT club	15-04-2019 00:00:00	19-04-2019 00:00:00	5	Within Campus	65	0	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21500	No
12	Workshop on Block Chain	Innovation	Workshop	Institute Lead Activity	School of Engineering and Technology	06-01-2020 00:00:00	09-01-2020 00:00:00	4	Within Campus	2	2	0	0	4	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

13	Dassault system-simulia	Innovation	Conference	Institute Lead Activity	SoET	27-05-2019 00:00:00	28-05-2019 00:00:00	2	Within Campus	0	7	0	0	7	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No					
14	Organic Agriculture	Innovation	Workshop	Institute Lead Activity	SoAS	19-06-2019 00:00:00	19-06-2019 00:00:00	1	Within Campus	0	75	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No					
15	Entrepreneurship Bootcamp	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Centre for Innovators and Entrepreneurs	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	115	10	0	0	125	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Prize for Innovative Idea</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Roadz Life (Online Servicing Center)</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Prize for Innovative Idea	Title of Innovation / Start-up Secured the Award / Recognition	Roadz Life (Online Servicing Center)	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1st Prize for Innovative Idea																					
Title of Innovation / Start-up Secured the Award / Recognition	Roadz Life (Online Servicing Center)																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
16	Agri Clinics and Agri Business Center	Entrepreneurship/Startup	Training	Institute Lead Activity	MSSoA	12-11-2019 00:00:00	10-12-2019 00:00:00	29	Within Campus	1	0	8	0	9	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	136000	No					
17	Internal Hackathon	Innovation	Hackathon	Institute Lead Activity	SoET and Center for Innovators and Entrepreneurs	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	75	6	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No					
18	Wantapreneur to Entrepreneur	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Center for Innovators and Entrepreneurs	23-12-2019 00:00:00	23-12-2019 00:00:00	1	Within Campus	123	3	0	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11500	No					

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

19	UdyamQ	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	School of Management and Centre for Innovators and Entrepreneurs and PNV foundation	01-03-2020 00:00:00	01-03-2020 00:00:00	1	Within Campus	135	6	0	0	141	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
20	E-Waste in Circular Economy	Innovation	Seminar	Institute Lead Activity	School of Applied Sciences and Shree Ganesh recycling	29-06-2019 00:00:00	29-06-2019 00:00:00	1	Within Campus	45	7	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13000	No
21	International Conference on Industry 4.0	IPR, Innovation	Conference	Institute Lead Activity	Centurion University of Technology and Management	19-12-2019 00:00:00	21-12-2019 00:00:00	3	Within Campus	134	125	36	45	340	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	567823	No
22	Bootcamp	Innovation	Boot camp	Institute Lead Activity	School of Vocational Education	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	140	6	0	0	146	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13500	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research	
1	ENTERPRENEURIAL IDEATION	Entrepreneurship/Startup	Ideation	IIT BHUBANESWAR	Educational Institute	26-02-2020 00:00:00	26-02-2020 00:00:00	1	3	0	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
2	HACKATHONHEALTH	Innovation	Hackathon	STPI, VIZAG	Govt. Agency (State)	23-12-2019 00:00:00	23-12-2019 00:00:00	1	2	1	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	4000	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

3	THE BIG PITCH COMPETITION-KEY FOCUS OF ENTREPRENEURS	Innovation	Innovation Contest	BENGAL CHAMBER OF COMMERCE AND INDUSTRY	Non-Govt. Agencies	06-12-2019 00:00:00	07-12-2019 00:00:00	2	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
4	Role of Micro Small and Medium Enterprises in Sustainable Economic Development	Entrepreneurship/Startup	Seminar	Rama Devi Womens University Bhubaneswar	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
5	E-Summit	Entrepreneurship/Startup	Ideation	IIT Bhubaneswar	Educational Institute	11-01-2020 00:00:00	11-01-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
6	Krishi Odisha	Entrepreneurship/Startup	Exhibition	Govt of Odisha and FICCI	Govt. Agency (State)	20-01-2020 00:00:00	24-01-2020 00:00:00	5	10	3	13	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	30300	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	Design Thinking	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	School of Management and Center for Innovators and Entrepreneurs	14-07-2020	17-11-2020	127	Online	147	40
2	Social Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management	04-01-2019	26-04-2019	113	Offline	9	40
3	Sustainable Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management	06-02-2020	10-06-2020	126	Online	10	40
4	Entrepreneurship Development and Business Communication	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	MSSoA	02-07-2019	15-11-2019	137	Offline	271	50

5	Business Plan Preparation	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	School of Management and Center for Innovators and Entrepreneurs	03-08-2020	27-11-2020	117	Online	148	40
6	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	School of Management	08-01-2020	29-04-2020	113	Online	55	40
7	FOUNDATION PROGRAM IN ENTREPRENEURSHIP	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	SoET	01-09-2019	30-04-2020	243	Offline	123	30

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	Advanced Robotics	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	School of Vocational Education	26-12-2019	30-05-2020	157	Offline	53	40
2	HEAVY VEHICLE TECHNOLOGY (ASHOK LEYLAND)	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	47	40
3	VEHICLE DESIGNING AND MANUFACTURING	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	60	40
4	CNC PROGRAMMER	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	15	40
5	CNC OPERATOR AND MACHINING TECHNICIAN	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	24	40
6	VEHICLE ASSEMBLY AND FITTER AND TECHNICIAN	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	58	40
7	APPAREL PRODUCTION AND MARKETING	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	58	40
8	AUTOMOTIVE DESIGN (3DEXPERIENCE)	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	42	40
9	DIGITAL MANUFACTURING USING DELMIA	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	39	40
10	GAMING USING AR AND VR	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	64	40

11	EMBEDDED SYSTEMS	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	39	40
12	CLOUD TECHNOLOGY	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	47	40
13	INTERNET OF THINGS (IOT)	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	56	40
14	ANIMATOR	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	67	40
15	VFX EDITOR	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	54	40
16	MEDICAL LAB TECHNICIAN	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	77	40
17	CERAMIC PRODUCT DEVELOPMENT	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	93	40
18	SOLAR LIGHTING TECHNICIAN	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	43	40
19	SOLAR PV INSTALLER	Entrepreneurship/Startup	Employment Generation Training Programs	School of Vocational Education and Training	26-12-2019	30-05-2020	157	Offline	69	40

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	Dipankar Bhattacharya	School of Applied Sciences	Professor	No	No
2	Sujata Chakravarty	School of Engineering and Technology	Professor	No	No
3	Pramod Kumar Pattajoshi	School of Management	Associate professor	No	No
4	Swarnaprabha Jena	School of Engineering and Technology	Assistant Professor	No	No
5	Prafulla Kumar Panda	Center for Space and Earth sciences	Associate Professor	No	No
6	Sipalin Nayak	Center for 3D design	Assistant Professor	No	No
7	Sushant Kumar Mishra	School of Management	Professor	No	No
8	Jagannath Padhy	School of Engineering and technology	Professor	No	No
9	Rukmini Mishra	School of Applied science	Assistant Professor	No	No

10	Preetha Bhadra	Centre for Nutraceuticals	Assistant Professor	No	No						
11	Nitesh Badagyan	School of Vocational Education	Assistant Professor	No	No						
12	Pushpalata Ganesh	School of Agriculture Sciences	Professor	No	No						
13	Saurav Barman	School of Agriculture Sciences	Associate Professor	No	No						
14	Durga Prasad Padhy	School of Management	Associate Professor	No	No						
15	Subhendu Kumar Mishra	Centre for Innovators and Entrepreneurs	Associate Professor	Yes	Yes						
	Highest degree name in I&E and IPR	Fellow Program in Management (Entrepreneurship and Family Business)	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
	Degree Type	PhD	Online Certification Business Model Canvas	Entrepreneurship/Startup	Short term Certificate	Coursera	Educational Institute	12-05-2020 00:00:00	12-07-2020 00:00:00	62	Online
	Year of Highest degree in I&E and IPR	2020									

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Startup Club	Startup Club	2019	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	3	Bikash Kumar Nayak	170101130025@cutm.ac.in	7008323769
2	Ethical Hackers Club	Innovation Club	2019	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	1	Ali	190101120100@cutm.ac.in	8456931330
3	Agri Entrepreneurship Club	Idea Club	2018	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	2	Origin Garnayak	190805220005@cutm.ac.in	9938445561

4	Agri and Rural tourism Club	Idea Club	2018	Co-working Space	Pre-Incubation Unit,Incubation Unit,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	1	Dibyajyoti Behera	190805220001@cutm.ac.in	7008695768
5	Club for Extension and Rural Development	Idea Club	2018	Co-working Space	Pre-Incubation Unit,Incubation Unit,Innovation Park/Research Park, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	3	Bikash Kumar Agrawal	170804130286@cutm.ac.in	9178548985
6	Coding Club	Innovation Club	2018	Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	3	Asish Kumar Das	201718150006@cutm.ac.in	7008606180
7	Gaming Club	Innovation Club	2019	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,IPR Cell/Technology Transfer Centre	3	Pritam Kumar Nayak	190301121115@cutm.ac.in	7008391693
8	Robotics Club	Innovation Club	2011	Co-working Space,3D Printing	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Innovation Park/Research Park, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	4	Hritesh Soumendra Kumar Mallik	170301120070@cutm.ac.in	9337930564
9	IoT club	Innovation Club	2011	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Innovation Park/Research Park, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	4	Kunal Panigrahi	170301120127@cutm.ac.in	7008488724
10	Blockchain	Innovation Club	2018	Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Innovation Park/Research Park, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	2018	Siddharth Kumar	siddharth.kumar@cutm.ac.in	6200101249

11	Drone Club	Innovation Club	2016	Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	3	Suman Pal	190301230007@cutm.ac.in	7001090543
12	Aeromodelling Club	Innovation Club	2011	Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	3	Rati Ranjan Mishra	200303120001@cutm.ac.in	8249196464
13	Marketing wizards	Idea Club	2015	Co-working Space, Work Stations	Pre-Incubation Unit, Innovation Park/Research Park	2	Badri Narayan	190402100040@cutm.ac.in	9337272998
14	Geo Spatial Club	Innovation Club	2019	Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	2	Pratyush Kumar Behera	170101170067@cutm.ac.in	7749992966
15	Science club	Idea Club	2018	Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	3	Saharanshu Mohanty	182204120007@cutm.ac.in	9348525776
16	SmartAGtech Club	Idea Club	2019	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	1	Arindam Chattaraj	193001170001@cutm.ac.in	8918628541

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

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

1	Makerspace	Maker's Space	2019	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	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. Subhendu Kumar Mishra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>subhendu@cutm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9724059260</td> </tr> </table>	Facility Incharge Name	Dr. Subhendu Kumar Mishra	Facility Incharge Email	subhendu@cutm.ac.in	Facility Incharge Phone	9724059260	2	No	No	Yes
Facility Incharge Name	Dr. Subhendu Kumar Mishra																
Facility Incharge Email	subhendu@cutm.ac.in																
Facility Incharge Phone	9724059260																
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				Centurion University of Technology and Management			Educational Institute		500000								

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?														
1	Center for Renewable Energy and Environment	2018	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Surya Narayan Sahoo</td> </tr> <tr> <td>Facility Incharge Email</td> <td>surya@cutm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9778017431</td> </tr> </table>	Facility Incharge Name	Surya Narayan Sahoo	Facility Incharge Email	surya@cutm.ac.in	Facility Incharge Phone	9778017431	4	No	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>4624408</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>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	4624408	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)	0	Yes
Facility Incharge Name	Surya Narayan Sahoo																						
Facility Incharge Email	surya@cutm.ac.in																						
Facility Incharge Phone	9778017431																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	4624408																						
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)	0																						
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			Centurion University of Technology and Management			Educational Institute		5000000															

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	Center for 3D design Using Dassault tools	2018	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Mukundjee Pandey	6	No	Yes		Yes
					Facility Incharge Email	mukundpandey@cutm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	2000000	
					Facility Incharge Phone	7978304844			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)	0	
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				Centurion University of Technology and Management			Educational Institute		15000000		
3	Center for Augmented and Virtual Reality	2018	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Sandeep Kumar	5	No	Yes		Yes
					Facility Incharge Email	sandeep.kumar@cutm.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	1200000	
					Facility Incharge Phone	6201810544			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)	0	
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				Centurion University of Technology and Management			Educational Institute		5000000		

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

No Data Filled!

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

No Data Filled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Cell Centurion University	2011	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Preetha Bhadra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>preetha.bhadra@cutm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9073388391</td> </tr> </table>	Facility Incharge Name	Dr. Preetha Bhadra	Facility Incharge Email	preetha.bhadra@cutm.ac.in	Facility Incharge Phone	9073388391	2	Yes	No	No
Facility Incharge Name	Dr. Preetha Bhadra														
Facility Incharge Email	preetha.bhadra@cutm.ac.in														
Facility Incharge Phone	9073388391														

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	Subhendu Kumar Mishra	Associate 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)
	Low cost Hydroponic system		Within	
2	Dipankar Bhattacharya	Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of electrochemical sensor for continuous monitoring of chloride,		Within	
	Development of soil moisture sensor based on heat capacity and electrical resistivity,		Within	
	Development of fire resistant composite		Within	
3	Sujata Chakravarty	Professor	Idea/Innovation Development	6

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Multi-Level Security and Detection System to Avert Elephant Accidents at Railway Tracks		Within	
4	Swarnaprabha Jena	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based Remote Monitoring and Controlling of Greenhouse plants.		Within	
	IoT based Multi Room Monitoring & Automation System		Within	
	IoT Color Based Product Sorting Machine		Within	
5	Sipalin Nayak	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FRP Composites		Within	
	E. Vehicles		Within	
6	Jagannath Padhy	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Transformer manufacturing		Within	
7	Prafulla Kumar Panda	Associate Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vegetation species identification using hyperspectral data		Within	
	Biomass estimation using Space Technology		Within	
	Land surface Temperature mapping using RS Technology		Within	
8	Sushant Kumar Mishra	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Yummy Mush (Business Proposal)		Within	
9	Pramod Kumar Pattajoshi	Associate professor	Entrepreneurship/Startup Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Electric Vehicle Project		Within	
10	Preetha Bhadra	Assistant Professor	Idea/Innovation Development	3

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	-	Within	
	Medicinal plants as nuraceuticals and targeted therapy for Different plant and animal diseases.	Within	
11	Rukmini Mishra	Assistant Professor	Idea/Innovation Development
			4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	-	Within	
	Screening of Chillli genotypes towards Anthracnose disease in field and nethouse conditions	Within	
12	Nitesh Badagyan	Assistant Professor	Idea/Innovation Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Polymer nanocomposite for total knee replacement	Within	
13	Pushpalata Ganesh	Professor	Idea/Innovation Development
			8
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Tissue culture	Within	
14	Saurav Barman	Associate Professor	Idea/Innovation Development
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Organic Farming	Within	
	Vermi composting	Within	
15	Durga Prasad Padhy	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development
			8
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Low Glycemic index rice	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	Novel Patent Services	IPR Protection & Commercialization	Unstructured Mentorship
2	Dr. U Chandrashekar	Idea/Innovation Development	Unstructured Mentorship
3	Mr. Aditya Sapru	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Dr. Ashok Ds	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship

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

No Data Filled!

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the 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			
1	Centurion Fab	Product Innovation	Technological	421	Staff	Venture with Corporate Identification Number (CIN) Registration AAT-8078	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 4010000	No	Amount Received in Rs 760000	Yes			
					Name		DIN number		Type		Gender		Email		Contact	
					Parthasarathi Mohanty		SRNM15996390		Staff		Male		parthasarathi.mohanty@gramtarang.org.in		9937033338	

2	Centurion Woodworks	Product Innovation	Technological	421	Staff	Venture with Corporate Identification Number (CIN) Registration	AAU 2751	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	13010000	No	Amount Received in Rs	86000	No
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Name	DIN number	Type	Gender	Email	Contact
Parthasarathi Mohanty	08876847	Staff	Male	parthasarathi.mohanty@gramrang.org.in	9937033338

3	Centurion MechTech	Product Innovation	Technological	421	Staff	Venture with Corporate Identification Number (CIN) Registration	AAU3407	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	10010000	No	Amount Received in Rs	86000	Yes
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Name	DIN number	Type	Gender	Email	Contact
Subrat Kumar Swain	08928250	Staff	Male	subratkumar.swain@gramtarang.org.in	7008321742

4	Gram Tarang garments	Product Innovation	Technological	421	Staff	Venture with Corporate Identification Number (CIN) Registration	AAU 2140	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	15010000	No	Amount Received in Rs	76000	Yes
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Name	DIN number	Type	Gender	Email	Contact
Partha Sarathi Mohanty	08876847	Staff	Male	parthasarathi.mohanty@gramtarang.org.in	9937033338

5	Centurion Gram Sanjeevani	Service Innovation	Non-Technological	421	Staff	Venture with Corporate Identification Number (CIN) Registration	AAU 8364	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	66000	No
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Name	DIN number	Type	Gender	Email	Contact
Debasish Panda	08603119	Staff	Male	debasish.panda@gramtarang.org.in	9007890777

6	FUTURATOR INDIA PRIVATE LIMITED	Product Innovation	Technological	421	Alumni	Venture with Corporate Identification Number (CIN) Registration	U29100BR2020PTC047444	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	86000	No
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Name	DIN number	Type	Gender	Email	Contact
Suman Kumar Sudhanshu	08833875	Alumni Entrepreneur	Male	sumankumar@cutm.ac.in	8280238679

7	Jivada Ventures	Service Innovation	Non-Technological	421	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U55209OR2019PTC031832	2019-20	Graduated from the Incubation unit	No	No	No	No	Yes
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Name	DIN number	Type	Gender	Email	Contact
Dharitri Patnaik	02813918	Incubatee Entrepreneur	Female	dharitri.patnaik@gmail.com	9583010940

8	SEARCHINGYARD SOFTWARE	Product Innovation	Technological	421	Alumni	Venture with Corporate Identification Number (CIN) Registration U72501OR 2018PTC02 9550	2018-19	Graduated from the Incubation unit	No	No	No	No	Yes		
Name		DIN number			Type		Gender		Email		Contact				
Ashutosh Mahapatra		ASHUTOSH MOHAPATRA			Alumni Entrepreneur		Male		searchingyard@gmail.com		9668677932				
9	Yardhealth Innovation and Research	Product Innovation	Technological	421	Alumni	Venture with Corporate Identification Number (CIN) Registration U33100OR 2020PTC03 3587	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No		
Name		DIN number			Type		Gender		Email		Contact				
Ashutosh Mahapatra		08238109			Alumni Entrepreneur		Male		searchingyard@gmail.com		9668677932				
10	RR Agro	Product Innovation	Non-Technological	421	Alumni	Venture with Corporate Identification Number (CIN) Registration U29305AP2 019PTC111 100	2018-19	Graduated from the Incubation unit	No	No	No	Amount Received in Rs.	66000	No	
Name		DIN number			Type		Gender		Email		Contact				
BALI KUMAR VENKATA SAI		08353046			Alumni Entrepreneur		Male		venkatsai.bali@gmail.com		9777266789				
11	Sangam Designs	Product Innovation	Non-Technological	421	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration AAR-5155	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	500000	No	Amount Received in Rs.	46000	Yes

Name		DIN number		Type		Gender		Email		Contact			
Sanghamitra Patnaik		08659210		Incubatee Entrepreneur		Female		sangamdesigns1@gmail.com		7735611564			
12	SKYYRIDER	Product Innovation	Technological	421	Alumni	U34100OR 2020PTC03 4758	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs. 76000	No
Name		DIN number		Type		Gender		Email		Contact			
Himanshu Sheekhar Panda		07980592		Alumni Entrepreneur		Male		himanshu@skyyrider.com		7978540445			

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	FICCI FLO	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation, Mentoring, Networking, Seed fund	1	01-10-2020
2	Center of Land Governance	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	25-01-2019
3	Dassault Systems	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Mentoring	4	07-03-2019
4	Central Tuber Crops Research Institute	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	3	26-06-2019
5	Center for Sustainable Agriculture	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	4	31-01-2020
6	WIPRO 3D	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring, Networking	2	30-07-2020
7	Nutrify India	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation, Mentoring, Networking	2	20-08-2020

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	Coriander Extract For Bone Cancer	201931032613	National	2019 - 08	Uploaded
2	Syzygium Aromaticum Extracts For Ovarian Cancer	201931032614	National	2019 - 08	Uploaded
3	Methi Extract For Liver Cancer	201931032615	National	2019 - 08	Uploaded
4	Bacopa Monnieri Extracts For Lung Cancer	201931032616	National	2019 - 08	Uploaded
5	Solar Sugarcane Juicer With Customized Cooling and Additive Dosage Design	201931041144	National	2019 - 10	Uploaded
6	Automatic Fault Control System Integrated 3D Printer	201931045677	National	2019 - 11	Uploaded
7	A Device For Detection of Food Toxins	201931049814	National	2019 - 12	Uploaded
8	Bio-Gas Cylinder Monitoring and Replacing System in Mobile Bio-Toilets	201931051679	National	2019 - 12	Uploaded
9	Terminalia Chebula Extract Composition for Jaundice	201931054080	National	2019 - 12	Uploaded
10	Nanoparticles for Single Cylinder Spark Ignition Engine	201941032262	National	2019 - 08	Uploaded
11	Machine Learning Based Computer Implemented Method For Managing Production From A Hydrocarbon Reservoir	201941040224	National	2019 - 10	Uploaded

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. Anita Patra (Head of Institute) and Dr. Anita Patro (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. Anita Patra
Head of the Institution,
Paralakhemundi, Odisha

Nodal officer



Dr. Anita Patro
Nodal Officer,
Paralakhemundi, Odisha