



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: CHENNAI INSTITUTE OF TECHNOLOGY [ARI-C-16576]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Chennai Institute Technology Business Incubator	Incubation Unit	Industry 4.0, Life Sciences, Mobility & Transportation	At all level	Both	28	11	8
Centre for Research - Department of Mechanical Engineering	Research Unit / Park	Mechanical and allied Engineering	UG / PG / PhD	Technical	192	59	14
Centre for Research - Department Electronics and Communication Engineering	Research Unit / Park	Electronics and Communication Engineering	UG / PG / PhD	Technical	88	36	7
Chennai Institute Innovation and Incubation Council	Pre-incubation unit	Industry 4.0, Life Science, New Energy, Mobility and Transportation	UG / PG / PhD	Both	21	11	8
Centre for Industry Institute Interaction Cell	Industry Institute Interface Unit	Industry Institute Collaboration - Internship, Industry Consultancy and Research Projects, Placements	UG / PG / PhD	Both	2040	26	3
CIPR-Centre for Intellectual Property Rights	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property Rights	UG / PG / PhD	Technical	26	8	1
RANE NSK Center for Applied Research	Research Unit / Park	Computer-aided engineering (CAE) /finite element analysis (FEA)/ computational fluid dynamics (CFD), multibody dynamics (MBD), durability and optimization.	UG / PG / PhD	Technical	24	4	1
CIT - Atalon Engine Research Centre	Research Unit / Park	Engine - Fuel & Emission Testing	UG / PG / PhD	Technical	42	9	1
Centre for 3D Printing and Reverse Engineering	Centre of Excellence with Advance Tools & Equipment	3D Printing and Reverse Engineering	UG / PG / PhD	Technical	23	4	1
CIT-KYUTECH-WABCO Centre for IOT	Centre of Excellence with Advance Tools & Equipment	Internet of Things	UG / PG / PhD	Technical	35	4	1
Centre for Data Science and Research	Research Unit / Park	Big Data & Data Science	UG / PG / PhD	Technical	65	9	0

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Centre for Artificial Intelligence and Research	Research Unit / Park	Artificial Intelligence and Machine Learning	UG / PG / PhD	Technical	41	6	1
Centre For Nanotechnology	Centre of Excellence with Advance Tools & Equipment	Nanotechnology	UG / PG / PhD	Technical	12	4	1
Centre for Biomedical Engineering and Research	Research Unit / Park	Biomedical	UG / PG / PhD	Technical	34	4	1
Centre for CISCO Networking	Centre of Excellence with Advance Tools & Equipment	Networking & Cyber Security	UG / PG / PhD	Technical	42	5	1
Centre for Defense and space Research	Research Unit / Park	Advanced Communication and relay platforms	UG / PG / PhD	Technical	12	4	0
Centre for Hi - Tech Hydroponics Research and Development	Centre of Excellence with Advance Tools & Equipment	AgriTech, Hydroponics and Organic Farming	At all level	Both	39	6	2
HCL Centre for Embedded and Imaging Technology	Centre of Excellence with Advance Tools & Equipment	Embedded and Imaging Technology	UG / PG / PhD	Technical	65	8	1
MHRD Institution Innovation Council	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Design Thinking, Nurturing Innovation	At all level	Both	129	14	1
Centre for NC Technologies	Centre of Excellence with Advance Tools & Equipment	NC Technologies	At all level	Both	146	8	2
Test and Verification Solutions Centre for VLSI Design	Centre of Excellence with Advance Tools & Equipment	VLSI Design	UG / PG / PhD	Technical	30	4	1
Centre for Industrial Automation and Robotics	Centre of Excellence with Advance Tools & Equipment	Industrial Automation and Robotics	UG / PG / PhD	Technical	65	4	1
Accurate Centre for Metrology	Centre of Excellence with Advance Tools & Equipment	Advance measurement & Metrology	UG / PG / PhD	Both	30	3	1
KUKA Centre for Industrial Robotics	Centre of Excellence with Advance Tools & Equipment	Industrial Robotics	UG / PG / PhD	Technical	30	3	1
Haritha Research Centre in Mechanical Engineering	Centre of Excellence with Advance Tools & Equipment	Design/ CAD/ CAM/ Analysis	UG / PG / PhD	Technical	84	4	1
PEGA University Academic Program	Centre of Excellence with Advance Tools & Equipment	PEGA Softwares	UG / PG / PhD	Technical	112	12	2
Tekla Centre for Building Education	Centre of Excellence with Advance Tools & Equipment	Structural Detailing	UG / PG / PhD	Technical	21	2	1
Centre for New Energy (Solar and Wind)	Centre of Excellence with Advance Tools & Equipment	New Energy - Solar & Wind	UG / PG / PhD	Technical	32	3	1

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Centre for Design and Digital Manufacturing	Centre of Excellence with Advance Tools & Equipment	CAD and CAM Tools	UG / PG / PhD	Technical	115	4	1
Department of Mechanical Engineering	Academic Department with lab facility	Strength of Materials and Fluid Mechanics & Machinery Laboratory	UG / PG / PhD	Technical	244	4	2
Department of Mechatronics Engineering	Academic Department with lab facility	Interpersonal Skills	UG / PG / PhD	Technical	62	2	1
Department of Mechatronics Engineering	Academic Department with lab facility	Microprocessor and Microcontrollers Laboratory	UG / PG / PhD	Technical	62	2	1
Department of Mechatronics Engineering	Academic Department with lab facility	Computer Aided Design Laboratory	UG / PG / PhD	Technical	125	2	1
Department of Mechatronics Engineering	Academic Department with lab facility	Advanced Reading and Writing	UG / PG / PhD	Technical	62	1	1
Department of Mechatronics Engineering	Academic Department with lab facility	Sensors and Instrumentation Laboratory	UG / PG / PhD	Technical	61	2	1
Department of Mechatronics Engineering	Academic Department with lab facility	Professional Communication	UG / PG / PhD	Technical	61	2	1
Department of Mechatronics Engineering	Academic Department with lab facility	Applied Hydraulics and Pneumatics Laboratory	UG / PG / PhD	Technical	241	4	1
Department of Mechatronics Engineering	Academic Department with lab facility	Industrial Automation Laboratory	UG / PG / PhD	Technical	61	2	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical Machines Laboratory	UG / PG / PhD	Technical	360	3	1
Department of Mechatronics Engineering	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	125	8	2
Department of Mechatronics Engineering	Academic Department with lab facility	Robotics Laboratory	UG / PG / PhD	Technical	63	2	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electric Circuits Laboratory	UG / PG / PhD	Technical	300	3	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electronics Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Linear and Digital Integrated Circuits Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Control and Instrumentation Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Power Electronics and Drives Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Power System Simulation Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Renewable Energy Systems Laboratory	UG / PG / PhD	Technical	60	1	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	120	8	1

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Department of Mechanical Engineering	Academic Department with lab facility	Engineering Practices Laboratory	UG / PG / PhD	Technical	724	18	3
Department of Mechanical Engineering	Academic Department with lab facility	Manufacturing Technology Laboratory - I	UG / PG / PhD	Technical	182	6	2
Department of Mechanical Engineering	Academic Department with lab facility	CAD / CAM / CAE Laboratory	UG / PG / PhD	Technical	542	9	3
Department of Mechanical Engineering	Academic Department with lab facility	Interpersonal Skills	UG / PG / PhD	Technical	182	3	1
Department of Mechanical Engineering	Academic Department with lab facility	Manufacturing Technology Laboratory – II	UG / PG / PhD	Technical	182	6	2
Department of Mechanical Engineering	Academic Department with lab facility	Advanced Reading and Writing	UG / PG / PhD	Technical	182	3	1
Department of Mechanical Engineering	Academic Department with lab facility	Kinematics and Dynamics Laboratory	UG / PG / PhD	Technical	241	8	2
Department of Mechanical Engineering	Academic Department with lab facility	Thermal Engineering Laboratory	UG / PG / PhD	Technical	180	6	2
Department of Mechanical Engineering	Academic Department with lab facility	Metrology and Measurements Laboratory	UG / PG / PhD	Technical	180	6	2
Department of Mechanical Engineering	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	360	24	2
Department of Mechanical Engineering	Academic Department with lab facility	Professional Communication	UG / PG / PhD	Technical	180	3	1
Department of Mechanical Engineering	Academic Department with lab facility	Technical Seminar	UG / PG / PhD	Technical	180	3	1
Department of Computer Science and Engineering	Academic Department with lab facility	Python Programming Laboratory	UG / PG / PhD	Technical	724	9	1
Department of Biomedical Engineering	Academic Department with lab facility	Biochemistry Laboratory	UG / PG / PhD	Technical	43	2	1
Department of Biomedical Engineering	Academic Department with lab facility	Anatomy and human physiology laboratory	UG / PG / PhD	Technical	43	2	1
Department of Biomedical Engineering	Academic Department with lab facility	Pathology and microbiology Laboratory	UG / PG / PhD	Technical	43	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	C Programming Laboratory	UG / PG / PhD	Technical	243	6	1
Department of Computer Science and Engineering	Academic Department with lab facility	Data Structures Laboratory	UG / PG / PhD	Technical	247	4	1
Larsen and Toubro Centre for gantry robot design and control	Centre of Excellence with Advance Tools & Equipment	gantry robot design and control	UG / PG / PhD	Technical	45	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Object Oriented Programming Laboratory	UG / PG / PhD	Technical	182	3	1
Department of Computer Science and Engineering	Academic Department with lab facility	Database Management Systems Laboratory	UG / PG / PhD	Technical	122	2	1

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Department of Computer Science and Engineering	Academic Department with lab facility	Operating Systems Laboratory	UG / PG / PhD	Technical	122	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Object Oriented Analysis and Design Laboratory	UG / PG / PhD	Technical	117	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Networks Laboratory	UG / PG / PhD	Technical	234	4	1
Department of Computer Science and Engineering	Academic Department with lab facility	Internet Programming Laboratory	UG / PG / PhD	Technical	117	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Mobile Application Development Laboratory	UG / PG / PhD	Technical	117	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Grid and Cloud Computing Laboratory	UG / PG / PhD	Technical	116	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Security Laboratory	UG / PG / PhD	Technical	116	2	1
Department of Computer Science and Engineering	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	116	15	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	118	16	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	RF AND MICROWAVE LABORATORY	UG / PG / PhD	Technical	118	4	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	COMMUNICATION SYSTEMS LABORATORY	UG / PG / PhD	Technical	117	4	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	SIGNALS AND IMAGE PROCESSING LABORATORY	UG / PG / PhD	Technical	240	4	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	ELECTRONIC DEVICES AND CIRCUITS LABORATORY	UG / PG / PhD	Technical	245	4	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	UG / PG / PhD	Technical	370	6	2
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	EMBEDDED LABORATORY	UG / PG / PhD	Technical	118	2	1
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	MICROPROCESSOR LABORATORY	UG / PG / PhD	Technical	300	6	2
Department of Civil Engineering	Academic Department with lab facility	Construction Materials Laboratory	UG / PG / PhD	Technical	53	2	1
Department of Civil Engineering	Academic Department with lab facility	Surveying Laboratory	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Strength of Materials Laboratory	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Hydraulic Engineering Laboratory	UG / PG / PhD	Technical	54	2	1

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Department of Civil Engineering	Academic Department with lab facility	SOIL MECHANICS LABORATORY	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Water and Waste Water Analysis Laboratory	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Highway Engineering Laboratory	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Irrigation and Environmental Engineering Drawing	UG / PG / PhD	Technical	54	2	1
Department of Civil Engineering	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	56	4	1
Maestro Centre for Structural Detailing	Centre of Excellence with Advance Tools & Equipment	Structural Detailing	At all level	Technical	140	5	5
Centre for European Languages Training	Centre of Excellence with Advance Tools & Equipment	German Language A1 & A2	UG / PG / PhD	Non-Technical	116	2	2
Centre for Asian Languages	Centre of Excellence with Advance Tools & Equipment	Japanese Language	UG / PG / PhD	Non-Technical	125	2	2
Centre for Digital Library	Centre of Excellence with Advance Tools & Equipment	Library	UG / PG / PhD	Both	1064	6	2
Centre for Skill and Personality Development program	Centre of Excellence with Advance Tools & Equipment	Skill and Personality Training	At all level	Both	484	6	2
Centre of Excellence for Aeromodelling	Centre of Excellence with Advance Tools & Equipment	Aeromodelling, Drone Technology	UG / PG / PhD	Technical	48	2	0
Centre of Excellence for Micromouse	Centre of Excellence with Advance Tools & Equipment	Micromouse - Embedded Technology	UG / PG / PhD	Technical	20	2	0
Centre of Innovative Learning Program	Centre of Excellence with Advance Tools & Equipment	Innovative Teaching/ Learning Process	UG / PG / PhD	Technical	480	12	5
Centre for Skill Development PMKVY TI	Centre of Excellence with Advance Tools & Equipment	Skill Training Programs	At all level	Technical	560	8	4
Centre for Technology Development and Transfer	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Applied Research and Technology Transfer	UG / PG / PhD	Technical	84	8	5
IIT Bombay Remote Centre	Centre of Excellence with Advance Tools & Equipment	Online Teaching Skill for faculty	UG / PG / PhD	Technical	120	54	2
Centre for International Relations	Centre of Excellence with Advance Tools & Equipment	Bilateral research and academic programmes with overseas Institutions/Universities through Memoranda of Understanding (MoU), Exchange of Faculty/Students	UG / PG / PhD	Technical	56	5	2

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Centre for Professional Development Education	Centre of Excellence with Advance Tools & Equipment	higher professional education	UG / PG / PhD	Both	90	12	1
Centre for Entrepreneurship Development	Incubation Unit	Nurturing entrepreneurship	UG / PG / PhD	Both	21	11	8
Centre for Women Empowerment	Industry Institute Interface Unit	Women Empowerment	UG / PG / PhD	Both	54	6	2
Centre for Vehicle Building	Centre of Excellence with Advance Tools & Equipment	Vehicle Building/ E-Vehicle / Conventional	UG / PG / PhD	Technical	25	4	2
Centre for Language Lab	Centre of Excellence with Advance Tools & Equipment	Proficiency & Communication Skill	UG / PG / PhD	Non-Technical	126	5	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 : IC201810123
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body 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	ACMA 1st Buyer and Seller Meet	Entrepreneurship/Startup	Exhibition	Institute Lead Activity	Management and TP cell	03-06-2019 00:00:00	04-06-2019 00:00:00	2	Within Campus	180	25	0	86	291	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
2	Student Exchange Program	Innovation	Workshop	Institute Lead Activity	Management and TP Cell	17-06-2019 00:00:00	26-06-2019 00:00:00	10	Within Campus	6	0	4	0	10	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No

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

3	Student Exchange Program	Innovation	Workshop	Institute Lead Activity	Management and TP Cell	04-06-2019 00:00:00	04-06-2019 00:00:00	1	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
4	Ungalal Mudiyum Career Guidance Program	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Management and TP Cell	23-06-2019 00:00:00	23-06-2019 00:00:00	1	Within Campus	10	6	165	0	181	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
5	Educational Visit to CIT	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Management and TP Cell	25-06-2019 00:00:00	25-06-2019 00:00:00	1	Within Campus	12	0	85	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
6	CATAPU LT Bridge Course	Innovation	Orientation Session	Institute Lead Activity	Management and TP Cell	03-07-2019 00:00:00	16-07-2019 00:00:00	14	Within Campus	732	0	0	0	732	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
7	Industrial Visit	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Electrical and Electronics Engineering	04-07-2019 00:00:00	04-07-2019 00:00:00	1	Outside Campus	54	2	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
8	Industrial Visit	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Mechatronics Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Outside Campus	61	2	0	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
9	Industry Visit	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Department of Mechanical Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Outside Campus	62	2	0	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

10	International Student Exchange Program	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Management and TP Cell	14-07-2019 00:00:00	22-07-2019 00:00:00	9	Outside Campus	15	3	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
11	ZERO ENERGY BUILDING	Innovation	Seminar	Institute Lead Activity	CYBROG AUTOMATA ROBOTICS CLUB	29-07-2019 00:00:00	29-07-2019 00:00:00	1	Within Campus	45	0	0	0	45	No		No
12	Industry Readiness and Skills Development	Innovation	Skill development	Institute Lead Activity	Management and TP cell	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	86	3	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
13	Cloud Computing an Industrial Approach	Innovation	Seminar	Institute Lead Activity	Computer Science Engineering	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	83	4	0	0	87	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
14	State Level Project Exhibition and Competition	Entrepreneurship/Startup	Exhibition	Institute Lead Activity	Management and TP cell	16-08-2019 00:00:00	17-08-2019 00:00:00	2	Within Campus	124	23	248	3	398	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
15	Live Demonstration of Industrial Robots	Innovation	Workshop	Institute Lead Activity	Department of Mechatronics Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	120	6	0	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
16	Jarvis	Innovation	Innovation Contest	Institute Lead Activity	Department of Mechatronics Engineering	04-09-2019 00:00:00	04-09-2019 00:00:00	1	Within Campus	40	2	26	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
17	Hackerz	Innovation	Hackathon	Institute Lead Activity	Department of Computer Science Engineering	06-09-2019 00:00:00	06-09-2019 00:00:00	1	Within Campus	236	28	660	0	924	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No

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

18	Embedded System and MCU Application	Innovation	Innovation Contest	Institute Lead Activity	Department of Electronics and Communication Engineering	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	94	4	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No
19	Dream It	Entrepreneurship/Startup	Ideation	Institute Lead Activity	Chennai Institute innovation and Incubation Council	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	29	4	0	0	33	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
20	National Innovation and Startup Policy	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Chennai Institute of Innovation and Incubation Council	09-10-2019 00:00:00	09-10-2019 00:00:00	1	Within Campus	83	12	0	0	95	No	No	
21	Seminar on Innovation and Innovative Mind set at Atal Tinkering Lab	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Chennai Institute Innovation and Incubation Council	09-10-2019 00:00:00	10-10-2019 00:00:00	2	Outside Campus	3	2	0	0	5	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
22	Catapult	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Management and TP Cell	03-07-2019 00:00:00	03-07-2019 00:00:00	1	Within Campus	350	0	0	0	350	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
23	Industrial Visit to Amalgamations Repco Ltd	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Mechanical Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Outside Campus	175	3	0	0	178	No	No	
24	Industrial Visit to Amalgamations Repco Ltd	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Mechatronics Engineering	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Outside Campus	54	1	0	0	55	No	No	
25	Industrial Visit to BSNL	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Electronics and Communication Engineering	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Outside Campus	113	3	0	0	116	No	No	
26	Industrial Visit to BSNL	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Computer Science and Engineering	19-07-2019 00:00:00	19-07-2019 00:00:00	1	Outside Campus	117	3	0	0	120	No	No	

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

27	Mobile App Development	Entrepreneurship/Start-up	Training	Institute Lead Activity	CSI Students chapter	03-07-2019 00:00:00	03-07-2019 00:00:00	1	Within Campus	129	0	0	0	129	No	No	
28	Web App and Dev Ops	Innovation	Training	Institute Lead Activity	CSI Students chapter	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	120	0	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
29	Gokul Autotech Pvt Ltd	Entrepreneurship/Start-up	Exposure visit	Institute Lead Activity	Mechatronics Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Outside Campus	55	1	0	0	56	No	No	
30	Industrial visit to Genlite Pvt Ltd	Entrepreneurship/Start-up	Exposure visit	Institute Lead Activity	Electronics and Communication Engineering	11-07-2019 00:00:00	11-07-2019 00:00:00	1	Outside Campus	117	3	0	0	120	No	No	
31	Introduction to python programming	Entrepreneurship/Start-up	Orientation Session	Institute Lead Activity	Management and TP Department	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	61	0	0	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No
32	Machine learning and deep learning	Entrepreneurship/Start-up	Seminar	Institute Lead Activity	Management and TP Department	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	61	0	0	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
33	Webinar on cyber security(s copies and opportunities)	Entrepreneurship/Start-up	Seminar	Institute Lead Activity	Department of Computer Science	07-01-2020 00:00:00	07-01-2020 00:00:00	1	Within Campus	61	0	0	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
34	Workshop on computer aided design	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Department of Computer Science	03-02-2020 00:00:00	04-02-2020 00:00:00	2	Within Campus	48	0	0	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
35	Real life application of mechatronics	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Department of Mechatronics Engineering	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

36	Workshop on computer networking and application	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Computer Science Engineering	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	54	0	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
37	Awareness program on the benefits MOOCs(NPTEL, Coursera , GUVI etc.)	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Management and TP Department	20-02-2020 00:00:00	21-02-2020 00:00:00	2	Within Campus	300	0	0	0	300	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
38	NPTEL for Engineering Students and importance of online courses	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Management and TP Department	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	74	0	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
39	Hands on Training on STAAD Pro Connect Edition	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Civil Engineering	26-11-2019 00:00:00	27-11-2019 00:00:00	2	Within Campus	35	0	18	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
40	Power Seminar to nurture the Budding Engineers for Industry Readiness	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Management and TP Department	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	254	0	0	0	254	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
41	Selling skills the secret to a successful Life	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Management and TP Department	09-07-2019 00:00:00	09-07-2019 00:00:00	1	Within Campus	98	0	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
42	Project based Learning & Training In Numerical Simulation Using Abaqus & Simulia	Entrepreneurship/Startup	Training	Institute Lead Activity	Management and TP Department	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	107	0	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

43	Train the Trainer Program for Steel Structures and Construction Management	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Civil Engineering	16-09-2019 00:00:00	17-09-2019 00:00:00	2	Within Campus	35	0	23	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
44	Facade Engineering	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Civil Engineering	07-10-2019 00:00:00	08-10-2019 00:00:00	2	Within Campus	40	0	21	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
45	Green Buildings and Techniques Through ICT	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Civil Engineering	20-05-2019 00:00:00	24-05-2019 00:00:00	5	Within Campus	35	0	23	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
46	Seminar on Automation and Robotics Application	Innovation	Seminar	Student Lead Activity	Mechatronics	10-04-2019 00:00:00	10-04-2019 00:00:00	1	Within Campus	38	0	25	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
47	Fundamentals of Automation and Robotics Application	Innovation	Seminar	Institute Lead Activity	Mechatronics Engineering	05-07-2019 00:00:00	05-07-2019 00:00:00	1	Within Campus	45	0	24	0	69	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
48	Seminar on Mechanical Engineering and its Industrial Applications	Entrepreneurship/Startup	Seminar	Student Lead Activity	Association of Mechanical Engineers	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	80	0	35	0	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
49	Recent Trends in Industrial Automation	Innovation	Seminar	Institute Lead Activity	Mechatronics Engineering	08-04-2019 00:00:00	08-04-2019 00:00:00	1	Within Campus	48	0	26	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

50	Workshop on Industrial Automation	Entrepreneurship/Startup	Workshop	Student Lead Activity	Mechanics department	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Within Campus	80	0	28	0	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
51	Industry Connect Program on Facade Engineering	Entrepreneurship/Startup	Innovation Contest	Student Lead Activity	Mechanical Engineering	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	85	0	50	0	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
52	Seminar on Latest Advancement on Space Technology and Design and Analysis of IC Engines in Automobiles	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical	18-09-2019 00:00:00	19-09-2019 00:00:00	2	Within Campus	45	0	26	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
53	Training in Real Time Application of MATLAB	Innovation	Training	Student Lead Activity	Electronics and Communications Engineering	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	60	0	24	0	84	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
54	Seminar on Low Voltage Insulation and Coordination	Innovation	Seminar	Institute Lead Activity	Department of Electrical and Electronics Engineering	08-04-2019 00:00:00	08-04-2019 00:00:00	1	Within Campus	52	0	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
55	Training on Energy Auditing and Conservation Techniques	Innovation	Training	Institute Lead Activity	Department of Electrical and Electronics Engineering	14-08-2019 00:00:00	14-08-2019 00:00:00	1	Within Campus	49	0	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
56	Seminar on Automotive Embedded System	Innovation	Innovation Contest	Institute Lead Activity	Department of Electrical and Electronics Engineering	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	46	0	0	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

57	Workshop on Applied Soft Computing	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Within Campus	46	0	0	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
58	Idea Presentation on Renewable Energy	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	49	0	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
59	Seminar on Automotive Embedded System	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	48	0	0	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
60	Built the Bridge	Innovation	Motivational speak	Institute Lead Activity	Electrical and Electronics Engineering	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	42	0	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
61	Training on Python Programming	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
62	Career Opportunities for Final Year Students	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	69	0	0	0	69	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
63	Training on Magnetic Design of Transformer	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	85	0	15	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

64	Seminar on Basics of Embedded and PCB Design	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	63	0	5	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
65	Training on Advanced Technology in Microprocessor	Innovation	Training	Institute Lead Activity	Electrical and electronics engineering	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	86	0	0	0	86	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
66	Training on Advanced LDIC	Innovation	Workshop	Institute Lead Activity	Electrical and electronics engineering	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	62	0	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
67	Workshop on Robotics using Raspberry PI with IOT	Innovation	Workshop	Institute Lead Activity	Electrical and electronics engineering	17-07-2019 00:00:00	17-07-2019 00:00:00	1	Within Campus	58	0	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
68	Seminar on R and D Opportunities in India and Abroad	Innovation	Seminar	Institute Lead Activity	Electrical and electronics engineering	11-09-2019 00:00:00	11-09-2019 00:00:00	1	Within Campus	74	0	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
69	Seminar on Latest Steering and Braking Technology	Entrepreneurship/Startup	Seminar	Student Lead Activity	Mechanical	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	65	0	24	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
70	Seminar on Global Opportunities for CS Engineers	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	159	0	21	0	180	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

71	Webinar on Corporate World for an Engineer at 2020	Innovation	Motivational speak	Institute Lead Activity	Electrical and electronics engineering	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	49	0	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
72	Seminar on Internship and Placements for Final year Students	Entrepreneurship/Startup	Seminar	Student Lead Activity	Mechanical	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	140	0	35	0	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
73	Seminar on Real time issues and challenges in DBMS	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	09-10-2019 00:00:00	09-10-2019 00:00:00	1	Within Campus	69	0	0	0	69	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
74	Seminar on Career Opportunities	Innovation	Motivational speak	Institute Lead Activity	Electrical and electronics engineering	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	64	0	0	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
75	Seminar on CS Engineers Role in Digital World	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	03-09-2019 00:00:00	03-09-2019 00:00:00	1	Within Campus	105	0	5	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
76	Workshop on BLOT Microcontroller	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Electrical and electronics engineering	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
77	Training on MSP430 Microcontroller	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	10-09-2019 00:00:00	10-09-2019 00:00:00	1	Within Campus	70	0	34	0	104	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

78	Training on RTOS and Embedded Controllers	Innovation	Training	Institute Lead Activity	Electrical and electronics engineering	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
79	Seminar on Elastic Search	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	03-12-2019 00:00:00	03-12-2019 00:00:00	1	Within Campus	92	0	0	0	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
80	Training on Cadence Tool	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	65	0	32	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
81	Training on Embedded System Design using Raspberry Pi	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	70	0	35	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
82	Career Opportunities for Final Year Students	Innovation	Motivational speak	Institute Lead Activity	Electrical and electronics engineering	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	58	0	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
83	Seminar on Cloud Computing - Getting Started	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	105	0	10	0	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
84	Seminar on Low voltage Insulation and Coordination	Innovation	Seminar	Institute Lead Activity	Electrical and electronics engineering	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	54	0	5	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

85	Seminar on Insight into Data Analytics	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	98	0	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
86	Seminar on Entrepreneurship Awareness	Entrepreneurship/Start-up	Seminar	Institute Lead Activity	Computer Science and Engineering	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	86	0	7	0	93	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
87	Workshop on Creative Business Ideas	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Computer Science and Engineering	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	84	0	6	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
88	Entrepreneurship Awareness Camp	Entrepreneurship/Start-up	Training	Institute Lead Activity	Computer Science and Engineering	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	76	0	7	0	83	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
89	Entrepreneurship Awareness Camp	Entrepreneurship/Start-up	Training	Institute Lead Activity	Computer Science and Engineering	13-03-2020 00:00:00	13-03-2020 00:00:00	1	Within Campus	78	0	11	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
90	Workshop on Cyber Crime and Forensic Tools	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	94	0	7	0	101	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No
91	Workshop on Deep Learning and Data Science	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	79	0	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No

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

92	Seminar on Demystifying algorithms	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	115	0	0	0	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
93	Workshop on Python Programming	Innovation	Workshop	Institute Lead Activity	Information Technology	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
94	Seminar on Software Defined Everything	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	95	0	14	0	109	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
95	Seminar in Microcontrollers and its application	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	72	0	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
96	Workshop on Mobile Making and Application of IoT	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	14-10-2019 00:00:00	15-10-2019 00:00:00	2	Within Campus	40	0	23	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
97	Seminar on Recent trends in IT	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	09-07-2019 00:00:00	09-07-2019 00:00:00	1	Within Campus	82	0	11	0	93	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
98	Engineers Day project Expo	Entrepreneurship/Startup	Demo Day	Institute Lead Activity	Information Technology	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

99	Seminar on Entrepreneurship awareness	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Computer Science and Engineering	04-07-2019 00:00:00	04-07-2019 00:00:00	1	Within Campus	78	0	0	0	78	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
100	Workshop on Cognitive Skills, Design Thinking and Critical Thinking.	IPR, Innovation	Workshop	Institute Lead Activity	Institution Innovation Council	03-04-2019 00:00:00	03-04-2019 00:00:00	1	Within Campus	190	0	10	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
101	Seminar on Career opportunities in IT	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Information Technology	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	38	0	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
102	CIT Youth Talk	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	36	0	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
103	Workshop on Robotic Process Automation (RPA)	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	70	0	25	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
104	Idea Presentation	Innovation	Demo Day	Institute Lead Activity	Information Technology	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	36	0	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
105	Cloud Literacy Program	Innovation	Seminar	Institute Lead Activity	Information Technology	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	36	0	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

106	Seminar on Machine Learning and Robotics	Innovation	Seminar	Institute Lead Activity	Information Technology	23-03-2020 00:00:00	23-03-2020 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
107	Seminar on Career Opportunities in Foreign Countries	Innovation	Seminar	Institute Lead Activity	Information Technology	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
108	Motivational Talk for final year students	Entrepreneurship/Start-up	Motivational speak	Institute Lead Activity	Information Technology	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	85	0	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
109	Innovation Contest	Innovation	Innovation Contest	Institute Lead Activity	Electronics and Communications Engineering	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	50	0	35	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
110	Workshop on Mobile APP Development	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	02-03-2020 00:00:00	04-03-2020 00:00:00	3	Within Campus	42	0	5	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
111	Workshop on Design and Analysis of RF Microwave Antenna using M2M LORA	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	180	0	40	0	220	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
112	Workshop on CFD and its Automotive Applications	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	40	0	5	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

113	Workshop on Implementation of Raspberry Pi in IoT Devices	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Within Campus	40	0	25	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
114	Idea Presentation	Entrepreneurship/Startup	Demo Day	Institute Lead Activity	Information Technology	24-06-2019 00:00:00	24-06-2019 00:00:00	1	Within Campus	38	0	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
115	Workshop on Interfacing using 8051 and ARM	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	02-09-2019 00:00:00	02-09-2019 00:00:00	1	Within Campus	60	0	25	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
116	Training on Embedded System Design using Raspberry Pi	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	72	0	25	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
117	Seminar on Real Time Operating System Full Preemptive Implementation	Innovation	Seminar	Institute Lead Activity	Information Technology	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
118	Seminar on Future Mobility	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	45	0	20	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
119	Workshop on Raspberry Pi	Innovation	Workshop	Institute Lead Activity	Information Technology	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	42	0	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

120	Workshop on Robotic Process Automation	Innovation	Workshop	Institute Lead Activity	Information Technology	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
121	Motivational Speech	Innovation	Motivational speak	Institute Lead Activity	Science and Humanities	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
122	Distance in Analytics	Innovation	Seminar	Institute Lead Activity	Science and Humanities	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
123	Literary Fest	Innovation	Skill development	Institute Lead Activity	Science and Humanities	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	65	0	5	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
124	Blooming Buds	Innovation	Skill development	Institute Lead Activity	Science and Humanities	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	82	0	0	0	82	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
125	Vedic Mathematics	Innovation	Seminar	Institute Lead Activity	Science and Humanities	27-12-2019 00:00:00	27-12-2019 00:00:00	1	Within Campus	89	0	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
126	Optimization Techniques	Innovation	Seminar	Institute Lead Activity	Science and Humanities	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	95	0	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

127	Valedictory Function	Innovation	Motivational speak	Institute Lead Activity	Science and Humanities	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	84	0	0	0	84	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
128	Motivational Speech	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Science and Humanities	22-11-2019 00:00:00	22-11-2019 00:00:00	1	Within Campus	78	0	0	0	78	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
129	Workshop on Machine Learning with Python	Innovation	Workshop	Institute Lead Activity	IT	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	85	0	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
130	Workshop on Mobile Making and Application of IoT	Innovation	Workshop	Institute Lead Activity	Electronics and Communications Engineering	21-10-2019 00:00:00	22-10-2019 00:00:00	2	Within Campus	45	0	15	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
131	Training on SCILAB	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	120	0	10	0	130	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
132	Motivational Talk for Career Development	Innovation	Motivational speak	Institute Lead Activity	Civil Department	10-06-2019 00:00:00	10-06-2019 00:00:00	1	Within Campus	110	0	35	0	145	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
133	Seminar on Career Opportunities for Final Year Students	Innovation	Seminar	Institute Lead Activity	Mechanical Department	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

134	Seminar on Placement Opportunity in IT sector	Innovation	Seminar	Institute Lead Activity	Electronics and Communications Engineering	02-09-2019 00:00:00	02-09-2019 00:00:00	1	Within Campus	50	0	25	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
135	Design Competition on Proof of Concept Development	Innovation	Innovation Contest	Institute Lead Activity	Institution Innovation Council	09-04-2019 00:00:00	09-04-2019 00:00:00	1	Within Campus	120	0	25	0	145	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
136	Seminar on Latest Trends and Developments in Information and Communication Engineering	Innovation	Seminar	Institute Lead Activity	Electronics and Communications Engineering	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	65	0	10	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
137	National-level Hands-on Workshop on Introduction to MEAN Stack Development 2019	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	34	0	20	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
138	One Day Hands on Training on Power System Studies using EMTP-RV 2019	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	25	0	15	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
139	Image Processing Workshop	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	30	0	25	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

140	Two Days Hands-on Workshop on Deep Learning with Python 2019	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	34	0	37	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
141	IOT using Arduino and Android Workshop	Innovation	Skill development	Institute Lead Activity	Electronics and Communication Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	35	0	25	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
142	Two Day National Level Workshop on Blockchain Enabled Smart Grid Market 2019	Innovation	Skill development	Institute Lead Activity	Computer Science and Engineering	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	27	0	24	0	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
143	Workshop on Raspberry Pi Data	Innovation	Skill development	Institute Lead Activity	Electronics and Communication Engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	30	0	15	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
144	Mathematical Perspectives on Computational Intelligence 2019	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	19	0	22	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
145	Warehouse Robots Workshop	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	27	0	14	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
146	Workshop on Robotics BOT	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	28	0	16	0	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

147	Two days Workshop on CATIA and DELMIA 2019	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	26	0	25	0	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
148	Open Surgery of IC Engines	Innovation	Training	Institute Lead Activity	Mechanical Engineering	02-09-2019 00:00:00	02-09-2019 00:00:00	1	Within Campus	35	0	28	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
149	Workshop on Super Bike Technology with KTM Engine Sensors Bike 2019	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	03-08-2019 00:00:00	03-08-2019 00:00:00	1	Within Campus	27	0	29	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
150	National Level Student Workshop on Factory Automation using Programmable Logic Controller	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	25	0	17	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
151	IC Engines Dismantling and Assembling Workshop Stroke 2019	Innovation	Skill development	Institute Lead Activity	Mechanical Engineering	03-08-2019 00:00:00	03-08-2019 00:00:00	1	Within Campus	18	0	29	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
152	Hands on Training on Machine Learning in Image Processing	Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	15	0	33	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
153	Workshop on Java Programming 2019	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	04-08-2019 00:00:00	04-08-2019 00:00:00	1	Within Campus	28	0	33	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

154	Thermal System Simulation and Optimization using Cycle Tempo	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	27	0	32	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
155	Swarm Robotics Workshop Robo 2019	Innovation	Skill development	Institute Lead Activity	Electronics and Communication Engineering	04-08-2019 00:00:00	04-08-2019 00:00:00	1	Within Campus	27	0	26	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
156	Network Security and Cryptography	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	16-07-2019 00:00:00	16-07-2019 00:00:00	1	Within Campus	25	0	33	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
157	Two Day National Level Workshop on Bigdata Analytics using Hadoop 2019	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	26	0	27	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
158	PCB Designing Workshop	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	13-07-2019 00:00:00	13-07-2019 00:00:00	1	Within Campus	23	0	12	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
159	Art of Writing Research Articles and Funding Proposals	Innovation	Seminar	Institute Lead Activity	Civil Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	0	30	0	5	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
160	Medical Image Analysis and Detection Techniques with Advanced Algorithms	Innovation	Workshop	Institute Lead Activity	Biomedical Engineering	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	33	0	24	0	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

161	Exploring Image Processing and its Applications using Matlab	Innovation	Workshop	Institute Lead Activity	Biomedical Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	28	0	12	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
162	Workshop on Ethical Hacking	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	28-06-2019 00:00:00	28-06-2019 00:00:00	1	Within Campus	45	0	20	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
163	Hands on Training on Analog Discovery Kit	Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	24-06-2019 00:00:00	24-06-2019 00:00:00	1	Within Campus	37	0	23	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
164	Practical Workshop on Robotics Sensor	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	06-07-2019 00:00:00	06-07-2019 00:00:00	1	Within Campus	22	0	13	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
165	One Day Seminar on Advanced Vehicle and Hybrid Technology Autotronics	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	06-07-2019 00:00:00	06-07-2019 00:00:00	1	Within Campus	25	0	33	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
166	Artificial Neural Network Machine Learning Workshop	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	13-07-2019 00:00:00	13-07-2019 00:00:00	1	Within Campus	17	0	15	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
167	3D Printing Workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechatronics Engineering	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	26	0	15	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

168	Design Aspect of IoT Home Automation using Raspberry Pi Server	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	27	0	13	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
169	International Workshop on Renewable Energy Sources and Solar PV System Solar	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	22-04-2019 00:00:00	22-04-2019 00:00:00	1	Within Campus	26	0	10	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
170	Workshop on Artificial Intelligence Using Python and Machine Learning	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	34	0	27	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
171	Hands on Workshop on Image Processing Techniques using MATLAB for Project Development	Entrepreneurship/Startup	Training	Institute Lead Activity	Electronics and Communication Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	23	0	17	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
172	Designing and Developing of IoT using Arduino and Android	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	29-07-2019 00:00:00	29-07-2019 00:00:00	1	Within Campus	26	0	15	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
173	Laboratory Practical Skills Training in Electrical Engineering	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	22-06-2019 00:00:00	22-06-2019 00:00:00	1	Within Campus	15	0	11	0	26	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

174	Hands-on Training Program on Technical Writing and Publishing with Advanced Computer Tools	Innovation	Training	Institute Lead Activity	Science and Humanities	27-04-2019 00:00:00	27-04-2019 00:00:00	1	Within Campus	27	0	17	0	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
175	Hands on Workshop on Embedded System Design	Entrepreneurship/Start-up	Skill development	Institute Lead Activity	Electronics and Communication Engineering	17-06-2019 00:00:00	17-06-2019 00:00:00	1	Within Campus	34	0	12	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
176	Design and Analysis of Mechanical Systems DAMS	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	11-06-2019 00:00:00	11-06-2019 00:00:00	1	Within Campus	23	0	18	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
177	Implementation Of Image Processing Techniques Using Opencv Research Perspective	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	07-01-2020 00:00:00	07-01-2020 00:00:00	1	Within Campus	26	0	15	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
178	Multivariate Data Analytics using R	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	34	0	27	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
179	Workshop on Machine Learning for IoT Applications	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	31	0	24	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
180	Smart Solutions for Intelligent Transportation	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	22	0	18	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No

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

181	Design for Additive Manufacturing	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	27	0	26	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
182	Smart Supply Chain in Industry	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	32	0	24	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
183	Ethical Hacking	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	13-03-2020 00:00:00	13-03-2020 00:00:00	1	Within Campus	23	0	16	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
184	Advances in Material Processing, CNC Programming and Mastercam	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	24	0	17	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
185	Fpga Design for Signal and Image Processing using Xilinx Vivado tools and Zynq 7000 Soc	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	23	0	19	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
186	Image Processing and Machine Learning using Python	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	34	0	12	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
187	Advances and Challenges in Biomedical and Health Informatics Research	Innovation	Seminar	Institute Lead Activity	Biomedical Engineering	28-12-2019 00:00:00	28-12-2019 00:00:00	1	Within Campus	23	0	16	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

188	Machine Learning for Electrical Engineers	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	21-12-2019 00:00:00	21-12-2019 00:00:00	1	Within Campus	23	0	12	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
189	Industrial Based Workshop on Internet of Things	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	19-12-2019 00:00:00	19-12-2019 00:00:00	1	Within Campus	23	0	17	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
190	Recent Trends in Block Chain Technology in Cyber Security	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	02-09-2019 00:00:00	02-09-2019 00:00:00	1	Within Campus	23	0	21	0	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
191	Advances in Materials, CNC programming and Master CAM	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	27-08-2019 00:00:00	27-08-2019 00:00:00	1	Within Campus	14	0	18	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
192	Workshop on Embedded System Design using IoT	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	19-06-2019 00:00:00	19-06-2019 00:00:00	1	Within Campus	15	0	13	0	28	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
193	Embedded Systems and Internet of Things	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	16-07-2019 00:00:00	16-07-2019 00:00:00	1	Within Campus	25	0	14	0	39	No		No
194	Building internet of Things Projects from Scratch	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	30-05-2019 00:00:00	30-05-2019 00:00:00	1	Within Campus	12	0	18	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
195	NI Multisim circuits Simulation	Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	08-06-2019 00:00:00	08-06-2019 00:00:00	1	Within Campus	12	0	18	0	30	No		No

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

196	Advancements in Robotic Welding Technology	Innovation	Workshop	Institute Lead Activity	Mechatronics Engineering	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	23	0	13	0	36	No	No
197	Control Systems and its Application using MATLAB	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	23	0	12	0	35	No	No

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

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	STTP	Innovation	Training	IIT Roorkee	Educational Institute	10-06-2019 00:00:00	14-06-2019 00:00:00	5	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 2100	No
2	STTP	Innovation	Training	IIT, Chennai	Educational Institute	15-11-2019 00:00:00	19-11-2019 00:00:00	5	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 1400	No
3	STTP	Innovation	Training	IIT Bombay	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 1400	No
4	STTP	Innovation	Training	IIT, Bombay	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 2100	No
5	STTP	Innovation	Training	National Power Training Institute, Alappuzha, Kerala	Educational Institute	16-12-2019 00:00:00	20-12-2019 00:00:00	5	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 2100	No

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

6	STTP	Innovation	Training	IIT, MADRAS	Educational Institute	09-12-2019 00:00:00	21-12-2019 00:00:00	13	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	700	No	
7	NPTEL	Innovation	Skill development	NPTEL	Govt. Agency (Central)	28-08-2019 00:00:00	31-08-2019 00:00:00	4	0	3	3	No	---	---	No	No		
8	Faculty Exchange Programme	Innovation	Skill development	Tianjin Vocational College of Light Industry, China	International Agencies	22-05-2019 00:00:00	06-07-2019 00:00:00	46	0	4	4	Yes	Winner	Novel MPPT Prototype	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	Award / Position / Recognition Secured	Winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Novel MPPT Prototype
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
9	Faculty Training Programme	Innovation	Training	Tianjin Vocational College Of Mechanics And Electricity P.R.China	International Agencies	01-06-2019 00:00:00	07-07-2019 00:00:00	37	0	1	1	Yes	Winner	Efficient PWM Solar Charger Prototype	Total Total Expense Amount Incurred by Institute? (In Rupees)	700	Award / Position / Recognition Secured	Winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Efficient PWM Solar Charger Prototype
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
10	Learn with Digital Manufacturing is the Application of Computer Systems to Manufacturing Services	Innovation	Training	Kyushu Institute of Technology, Japan	International Agencies	01-06-2019 00:00:00	06-07-2019 00:00:00	36	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No	

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

11	Student Exchange Programme	Innovation	Skill development	CMR College of Engineering and Technology, Hyderabad	Educational Institute	01-07-2019 00:00:00	13-07-2019 00:00:00	13	8	0	8	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5600	No
12	Student Exchange Programme	Innovation	Training	Techno India NJR Institute of Technology, Udaipur	Educational Institute	17-06-2019 00:00:00	28-06-2019 00:00:00	12	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
13	Principle of Designing in Civil Engineering Planning, Designing, Visualising concept	Innovation	Training	Style My Space-Home Interiors	Non-Govt. Agencies	02-12-2019 00:00:00	03-01-2020 00:00:00	33	6	0	6	No	---	---	No		No
14	Concreting, shuttering and Brick work	Innovation	Training	Siva Constructions	Non-Govt. Agencies	02-12-2019 00:00:00	03-01-2020 00:00:00	33	4	0	4	No	---	---	No		No
15	Internship - Concreting, shuttering and Brick work	Innovation	Training	Sunrise Interior	Non-Govt. Agencies	02-12-2019 00:00:00	28-12-2019 00:00:00	27	3	0	3	No	---	---	No		No
16	Training on Clarity platform for corporates	Innovation	Skill development	Value Labs ,Hyderabad	Corporate / Industry Association	11-12-2019 00:00:00	17-12-2019 00:00:00	7	10	0	10	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7000	No
17	Internship	Innovation	Training	Shiash Info Solutions Private Limited, Chennai	Corporate / Industry Association	01-12-2019 00:00:00	31-03-2020 00:00:00	12	8	0	8	No	---	---	No		No
18	Digital Marketing Intern	Innovation	Skill development	SKSCRIPT Technologies Pvt.Ltd, Chennai	Corporate / Industry Association	16-12-2019 00:00:00	18-12-2019 00:00:00	3	16	0	16	No	---	---	No		No

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

19	Internship on Telephones Defense Productions Research	Innovation	Awareness	ITI Limited, Bangalore	Govt. Agency (Central)	11-12-2019 00:00:00	26-12-2019 00:00:00	16	9	0	9	No	---	---	No	No	
20	Training on Python and Rat JS	Innovation	Training	GoGoSoft on Software Development, Chennai	Corporate / Industry Association	01-09-2019 00:00:00	31-12-2019 00:00:00	12	8	0	8	No	---	---	No	No	
21	Software Program Development	Innovation	Skill development	GA Morgan Dynamics Pvt.Ltd, Bengaluru.	Corporate / Industry Association	24-06-2019 00:00:00	30-06-2019 00:00:00	7	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
22	Internship	Innovation	Training	Props Plus, Hyderabad	Non-Govt. Agencies	01-09-2019 00:00:00	10-09-2019 00:00:00	10	3	0	3	No	---	---	No	No	
23	Internship	Innovation	Skill development	Coovum Smart Systems and Services Private Limited, Nolambur, Chennai	Corporate / Industry Association	02-12-2019 00:00:00	20-12-2019 00:00:00	19	6	0	6	No	---	---	No	No	
24	Electronics Hands on Training	Innovation	Skill development	Epsilon Electronic Equipment and Component Pvt Ltd, Hyderabad	Non-Govt. Agencies	02-12-2019 00:00:00	20-12-2019 00:00:00	19	5	0	5	No	---	---	No	No	
25	IoT and Embedded	Innovation	Skill development	ITI Limited, Saidapet, Chennai	Govt. Agency (Central)	11-12-2019 00:00:00	24-12-2019 00:00:00	14	15	0	15	No	---	---	No	No	
26	Communication Systems for Transmission and Reception	Innovation	Training	Doordarsan Kendra, Chennai	Govt. Agency (Central)	02-12-2019 00:00:00	06-12-2019 00:00:00	5	6	0	6	No	---	---	No	No	
27	Internship Energy	Innovation	Skill development	Kondaas Automation Pvt Ltd, Coimbatore	Non-Govt. Agencies	05-12-2019 00:00:00	14-12-2019 00:00:00	10	3	0	3	No	---	---	No	No	

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

28	Skill Development Programme	Innovation	Training	Numeric UPS, Chennai	Corporate / Industry Association	16-12-2019 00:00:00	20-12-2019 00:00:00	5	5	0	5	No	---	---	No	No
29	Internship	Innovation	Workshop	RR Power Care , Chennai	Non-Govt. Agencies	03-12-2019 00:00:00	07-12-2019 00:00:00	5	3	0	3	No	---	---	No	No
30	Internship	Innovation	Workshop	Salzer Electronics Limited, Coimbatore	Non-Govt. Agencies	16-12-2019 00:00:00	24-12-2019 00:00:00	9	5	0	5	No	---	---	No	No
31	Internship	Innovation	Training	Tesla Minds, Chennai	Non-Govt. Agencies	02-12-2019 00:00:00	07-12-2019 00:00:00	6	4	0	4	No	---	---	No	No
32	Internship	Innovation	Exposure visit	Doordarsan Kendra, Chennai	Govt. Agency (Central)	09-12-2019 00:00:00	13-12-2019 00:00:00	5	6	0	6	No	---	---	No	No
33	Internship	Innovation	Training	Numeric UPS, Chennai	Non-Govt. Agencies	02-12-2019 00:00:00	06-12-2019 00:00:00	5	4	0	4	No	---	---	No	No
34	Internship	Innovation	Training	Triple M Auto Electronics Pvt. Ltd, Tiruvallur	Non-Govt. Agencies	10-12-2019 00:00:00	14-12-2019 00:00:00	5	5	0	5	No	---	---	No	No
35	Internship	Innovation	Workshop	VI Microsystem , Chennai	Non-Govt. Agencies	10-12-2019 00:00:00	14-12-2019 00:00:00	5	5	0	5	No	---	---	No	No
36	Internship	Innovation	Training	Tesla Minds, Chennai	Non-Govt. Agencies	16-12-2019 00:00:00	21-12-2019 00:00:00	6	8	0	8	No	---	---	No	No
37	Internship	Innovation	Training	RR Power Care , Chennai	Non-Govt. Agencies	17-12-2019 00:00:00	21-12-2019 00:00:00	5	8	0	8	No	---	---	No	No
38	Internship and Workshop	Innovation	Workshop	Kwality Photonics pvt ltd, Bangalore	Non-Govt. Agencies	02-12-2019 00:00:00	11-12-2019 00:00:00	10	6	0	6	No	---	---	No	No
39	Internship	Innovation	Training	Elevator Components , Chennai	Non-Govt. Agencies	09-12-2019 00:00:00	13-12-2019 00:00:00	5	7	0	7	No	---	---	No	No
40	Internship	Innovation	Training	Pantech Solutions , Chennai	Non-Govt. Agencies	02-12-2019 00:00:00	14-12-2019 00:00:00	13	4	0	4	No	---	---	No	No

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

41	Internship	Innovation	Skill development	Lakshmi Devices, Chennai	Non-Govt. Agencies	02-12-2019 00:00:00	14-12-2019 00:00:00	13	6	0	6	No	---	---	No	No
42	Internship	Innovation	Training	Kondaas Automation Pvt Ltd, Coimbatore	Non-Govt. Agencies	09-12-2019 00:00:00	13-12-2019 00:00:00	5	7	0	7	No	---	---	No	No
43	Internship	Innovation	Training	Levergent, Chennai	Non-Govt. Agencies	09-12-2019 00:00:00	18-12-2019 00:00:00	10	6	0	6	No	---	---	No	No
44	Internship	Innovation	Training	NSIC Technical Services Centres, Chennai	Non-Govt. Agencies	16-12-2019 00:00:00	20-12-2019 00:00:00	5	4	0	4	No	---	---	No	No
45	Internship	Innovation	Training	Rajiv Gandhi Memorial Telecom Training Center, Chennai	Corporate / Industry Association	09-12-2019 00:00:00	18-12-2019 00:00:00	10	6	0	6	No	---	---	No	No
46	Internship	Innovation	Workshop	Triple M Auto Electronics Pvt. Ltd, Tiruvallur	Non-Govt. Agencies	16-12-2019 00:00:00	20-12-2019 00:00:00	5	7	0	7	No	---	---	No	No
47	Internship	Innovation	Training	RR Power Care, Chennai	Non-Govt. Agencies	09-12-2019 00:00:00	13-12-2019 00:00:00	5	6	0	6	No	---	---	No	No
48	Technologies in UPS and inverters	Innovation	Training	Fuji Electric Consul Neowatt Pvt Ltd, Chennai	Non-Govt. Agencies	09-12-2019 00:00:00	23-12-2019 00:00:00	15	3	0	3	No	---	---	No	No
49	Internship	Innovation	Workshop	Kudankulam nuclear power project, Kudankulam	Govt. Agency (State)	26-11-2019 00:00:00	05-12-2019 00:00:00	10	2	0	2	No	---	---	No	No

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

50	Circuit debugging	Innovation	Innovation Contest	Loyolam College of Engineering and Technology	Educational Institute	18-08-2019 00:00:00	18-08-2019 00:00:00	1	2	0	2	Yes	Winner	Circuit Debugging	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Circuit Debugging</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	Circuit Debugging	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner																						
Title of Innovation / Start-up Secured the Award / Recognition	Circuit Debugging																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
51	Digital signal Processing with ARM CORTEX -M4 Cypress fm4 board	Innovation	Training	Vellore Institute of Technology	Educational Institute	02-07-2019 00:00:00	06-07-2019 00:00:00	5	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1400</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	1400	No				
Total Expense Amount Incurred by Institute? (In Rupees)	1400																						
52	Teacher For Teachers	Innovation	Skill development	Anna Institute of Management	Educational Institute	12-10-2019 00:00:00	12-10-2019 00:00:00	1	0	15	15	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>10500</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	10500	No				
Total Expense Amount Incurred by Institute? (In Rupees)	10500																						
53	STTP	Innovation	Training	Sri Venkateswara College of Engineering	Educational Institute	02-12-2019 00:00:00	07-12-2019 00:00:00	6	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1400</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	1400	No				
Total Expense Amount Incurred by Institute? (In Rupees)	1400																						
54	Network security and CMOS Mixed signal Architecture	Innovation	Training	Dr Mahalingam college of Engineering and Technology	Educational Institute	27-05-2019 00:00:00	09-06-2019 00:00:00	14	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1400</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	1400	No				
Total Expense Amount Incurred by Institute? (In Rupees)	1400																						
55	Deep Learning	Innovation	Training	SRM Institute of Science and Technology	Educational Institute	27-05-2019 00:00:00	29-05-2019 00:00:00	3	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1400</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	1400	No				
Total Expense Amount Incurred by Institute? (In Rupees)	1400																						
56	Cognitive Radio	Innovation	Skill development	Velammal Engineering College	Educational Institute	06-05-2019 00:00:00	11-05-2019 00:00:00	6	0	3	3	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2100</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	2100	No				
Total Expense Amount Incurred by Institute? (In Rupees)	2100																						

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

57	From idea to implementation Exploring the potentials of FPGA in smart environment	Innovation	Training	PSG College of Technology	Educational Institute	17-06-2019 00:00:00	22-06-2019 00:00:00	6	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
58	Emerging networking Technologies and tools Research Perspective	Innovation	Training	PSG College of Technology	Educational Institute	07-06-2019 00:00:00	13-06-2019 00:00:00	7	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
59	Internship	Innovation	Awareness	Groundfos pump india pvt ltd-chennai	Non-Govt. Agencies	19-11-2019 00:00:00	30-11-2019 00:00:00	12	7	0	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	4900	No
60	Technical Quiz	Innovation	Innovation Contest	Loyoliam College of Engineering and Technology	Educational Institute	18-08-2019 00:00:00	18-08-2019 00:00:00	1	3	0	3	No	---	---	No		No
61	D-Sim	Innovation	Innovation Contest	SSN College of Engineering	Educational Institute	13-09-2019 00:00:00	14-09-2019 00:00:00	2	4	0	4	No	---	---	No		No
62	Workshop on Recent Research advancements in the design of microwave antennas	Innovation	Workshop	Sri Venkateswara College of Engineering	Educational Institute	27-11-2019 00:00:00	29-11-2019 00:00:00	3	6	0	6	No	---	---	No		No
63	Capgemini	Entrepreneurship/Startup	Training	Capgemini India	Non-Govt. Agencies	15-12-2019 00:00:00	15-12-2019 00:00:00	1	3	0	3	No	---	---	No		No
64	Micro Drone Design	Innovation	B-Plan Competitions	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	No		No
65	Cad with Tinkercad	Innovation	B-Plan Competitions	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	6	0	6	No	---	---	No		No

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

66	Advanced Cad for Manufacturing	Innovation	B-Plan Competitions	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	No	No	
67	Problem Solving, Modelling and Prototyping	Innovation	B-Plan Competitions	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	2	0	2	No	---	---	No	No	
68	Project Expo	Innovation	Hackathon	Codissia Trade Fair Complex, Coimbatore	Corporate / Industry Association	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	No	No	
69	Python	Innovation	B-Plan Competitions	vee eee technology	Corporate / Industry Association	30-08-2019 00:00:00	30-08-2019 00:00:00	1	3	0	3	No	---	---	No	No	
70	Thermal Analysis	Innovation	B-Plan Competitions	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No
71	Advanced Cad	Innovation	B-Plan Competitions	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	2	0	2	No	---	---	No	No	
72	Non-Linear Material Analysis	Innovation	B-Plan Competitions	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2100		No
73	Autodesk CFD simulation	Innovation	B-Plan Competitions	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	2	0	2	No	---	---	No	No	
74	Fusion 360 for Designers	Innovation	B-Plan Competitions	Autodesk Design Academy	Educational Institute	01-09-2019 00:00:00	01-09-2019 00:00:00	1	2	0	2	No	---	---	No	No	
75	MOTO Maideen	Innovation	Hackathon	Kari Motor Speedway, Coimbatore	Corporate / Industry Association	10-09-2019 00:00:00	10-09-2019 00:00:00	1	3	0	3	No	---	---	No	No	
76	Geometrical Dimensions and Tolerances	Innovation	B-Plan Competitions	CADD Technologies School of Design Private Limited	Educational Institute	25-05-2019 00:00:00	25-05-2019 00:00:00	1	2	0	2	No	---	---	No	No	

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

77	Workshop on 2D drafting and 3D Modeling	Innovation	B-Plan Competitions	CAD Center, Indian Educational Enterprises Pvt Ltd	Educational Institute	10-07-2019 00:00:00	10-07-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
78	ANSYS workshop	Innovation	B-Plan Competitions	CAD center chennai	Educational Institute	12-07-2019 00:00:00	12-07-2019 00:00:00	1	2	0	2	No	---	---	No		No
79	Machine Learning with Python	Innovation	B-Plan Competitions	Pantech ProEd Pvt Ltd	Corporate / Industry Association	14-07-2019 00:00:00	14-07-2019 00:00:00	1	2	0	2	No	---	---	No		No
80	3D Printing	Innovation	B-Plan Competitions	K. Ramakrishnan College of Technology	Educational Institute	19-07-2019 00:00:00	19-07-2019 00:00:00	1	3	0	3	No	---	---	No		No
81	Application of Non Destructive Testing in industries	Innovation	B-Plan Competitions	Bannari Amman Institute of Technology, Sathyam angalam	Educational Institute	19-07-2019 00:00:00	19-07-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
82	Challenges and Opportunities in Integrating Blockchain Technology with IOT, Smart Manufacturing and Metrology, Automative Pollution Measurement and Control	Innovation	Workshop	Hindustan Institute of Technology, Karpagam college of Engineering, Coimbatore	Educational Institute	25-07-2019 00:00:00	26-07-2019 00:00:00	2	3	0	3	No	---	---	No		No

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

83	Non Destructive Testing Techniques for Concrete Structures , Advance Commuting in ECHO 2K19, Internet of Things Technology and its applications	Innovation	Workshop	Kumaraguru College of Technology,Sri Ramkrishna Engineering College, CIT, Coimbatore.	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	5	0	5	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3500	No
84	Automechanics and Motor Sport Engineering	Innovation	Workshop	Petrichor Indian Institute of Technology, Palakkad .	Educational Institute	24-08-2019 00:00:00	24-08-2019 00:00:00	1	3	0	3	No	---	---		No	No
85	IoT using Raspberry python programming, Introduction to CAD and Rapid Concept Generation	Innovation	Workshop	SNS College of Technology, AUTODESK Design Academy , Coimbatore.	Educational Institute	26-08-2019 00:00:00	26-08-2019 00:00:00	1	3	0	3	No	---	---	No	No	
86	AI and Edge Computing with IoT	Innovation	Workshop	Coimbatore Institute of Technology, Coimbatore	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	2	0	2	No	---	---	No	No	
87	Application of Non Destructive Testing in industries	Innovation	Workshop	Bannari Amman Institute of Technology, Sathy.	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	No	No	
88	Measures of Central Tendency and Correlation	Innovation	Innovation Contest	Sri Krishna Aditya College of Arts and Science	Educational Institute	09-03-2020 00:00:00	09-03-2020 00:00:00	1	3	0	3	No	---	---	No	No	
89	NPTEL	Innovation	Skill development	IIT, Kanpur	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	1	0	1	No	---	---	No	No	

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

90	HTML	Innovation	Skill development	Solo Learn	Non-Govt. Agencies	01-03-2020 00:00:00	01-03-2020 00:00:00	1	2	0	2	No	---	---	No	No			
91	SQL	Innovation	Skill development	Solo Learn	Non-Govt. Agencies	08-02-2020 00:00:00	08-02-2020 00:00:00	1	3	0	3	No	---	---	No	No			
92	Java	Innovation	Skill development	Skillzcafe	Non-Govt. Agencies	05-03-2020 00:00:00	05-03-2020 00:00:00	1	3	0	3	No	---	---	No	No			
93	Industrial IoT using LoRaWAN Technology	Entrepreneurship/Startup	Training	Enthu Solutions	Corporate / Industry Association	27-02-2020 00:00:00	01-03-2020 00:00:00	4	4	0	4	No	---	---	No	No			
94	Python	Innovation	Skill development	Guvi	Non-Govt. Agencies	29-03-2020 00:00:00	29-03-2020 00:00:00	1	3	0	3	No	---	---	No	No			
95	Game Development	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	30-03-2020 00:00:00	30-03-2020 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
96	Quiz	Innovation	Innovation Contest	Kamala Institute of Technology	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	2	0	2	No	---	---	No	No			
97	Autonomous Robotics	Innovation	Innovation Contest	SRM University	Educational Institute	19-02-2020 00:00:00	19-02-2020 00:00:00	1	2	0	2	No	---	---	No	No			
98	Steps Into Robotics Automation	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	17-03-2020 00:00:00	17-03-2020 00:00:00	1	3	0	3	No	---	---	No	No			
99	Autonomous Robotics	Innovation	Innovation Contest	SRM University	Educational Institute	19-02-2020 00:00:00	19-02-2020 00:00:00	1	3	0	3	No	---	---	No	No			
100	NPTEL	Innovation	Skill development	IIT, Kanpur	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	1	0	1	No	---	---	No	No			
101	Game Development	Innovation	Skill development	Guvi	Non-Govt. Agencies	01-02-2020 00:00:00	01-02-2020 00:00:00	1	2	0	2	No	---	---	No	No			
102	Quiz	Innovation	Innovation Contest	Kamala Institute of Technology	Educational Institute	01-01-2020 00:00:00	01-01-2020 00:00:00	1	4	0	4	No	---	---	No	No			
103	Java	Innovation	Skill development	Skillzcafe	Non-Govt. Agencies	05-02-2020 00:00:00	05-02-2020 00:00:00	1	3	0	3	No	---	---	No	No			

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

104	HTML	Innovation	Skill development	Codeliber	Non-Govt. Agencies	18-03-2020 00:00:00	18-03-2020 00:00:00	1	2	0	2	No	---	---	No	No	
105	NPTEL	Innovation	Skill development	IIT, Kanpur	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 4200		No
106	Quiz	Innovation	Innovation Contest	Kamala Institute of Technology	Educational Institute	01-03-2020 00:00:00	01-03-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2100		No
107	Programming Foundations	Innovation	Innovation Contest	Linkedin Learning	Educational Institute	12-03-2020 00:00:00	12-03-2020 00:00:00	1	2	0	2	No	---	---	No	No	
108	Arduino	Innovation	Innovation Contest	Linkedin Learning	Non-Govt. Agencies	30-03-2020 00:00:00	30-03-2020 00:00:00	1	3	0	3	No	---	---	No	No	
109	Arduino-Interfacing with hardware	Innovation	Skill development	Linkedin Learning	Non-Govt. Agencies	01-02-2020 00:00:00	01-02-2020 00:00:00	1	3	0	3	No	---	---	No	No	
110	Python	Innovation	Skill development	Guvi	Non-Govt. Agencies	31-03-2020 00:00:00	31-03-2020 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3500		No
111	Steps Into Robotics Automation	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	19-03-2020 00:00:00	19-03-2020 00:00:00	1	2	0	2	No	---	---	No	No	
112	Game Development	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	03-01-2020 00:00:00	03-01-2020 00:00:00	1	1	0	1	No	---	---	No	No	
113	WordPress Beginner Tutorial	Innovation	Innovation Contest	Skillzcafe	Non-Govt. Agencies	02-03-2020 00:00:00	02-03-2020 00:00:00	1	3	0	3	No	---	---	No	No	
114	Asp.Net Core - Complete Tutorial For Advance	Innovation	Innovation Contest	Skillzcafe	Non-Govt. Agencies	03-01-2020 00:00:00	03-01-2020 00:00:00	1	4	0	4	No	---	---	No	No	

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

115	Learn Android 4.0 Programming in Java	Innovation	Skill development	Skillzcafe	Non-Govt. Agencies	26-03-2020 00:00:00	26-03-2020 00:00:00	1	2	0	2	No	---	---	No	No			
116	Autocad	Innovation	Skill development	Udemy	Non-Govt. Agencies	15-03-2020 00:00:00	15-03-2020 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
117	Python 101 for Data Science	Innovation	Innovation Contest	Cognitive Class	Non-Govt. Agencies	29-03-2020 00:00:00	29-03-2020 00:00:00	1	3	0	3	No	---	---	No	No			
118	Quiz	Innovation	Innovation Contest	Kamala Institute of Technology	Educational Institute	01-01-2020 00:00:00	01-01-2020 00:00:00	1	3	0	3	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>4200</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	4200																		
119	Java Tutorial for Complete Beginners	Innovation	Innovation Contest	Skillzcafe	Non-Govt. Agencies	04-02-2020 00:00:00	04-02-2020 00:00:00	1	4	0	4	No	---	---	No	No			
120	NPTEL	Innovation	Innovation Contest	IIT, Kanpur	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	1	0	1	No	---	---	No	No			
121	Phython	Innovation	Skill development	Guvi	Non-Govt. Agencies	29-03-2020 00:00:00	29-03-2020 00:00:00	1	2	0	2	No	---	---	No	No			
122	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	21-02-2020 00:00:00	21-02-2020 00:00:00	1	3	0	3	No	---	---	No	No			
123	DL 101-Get Started	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	30-03-2020 00:00:00	30-03-2020 00:00:00	1	3	0	3	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2100</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2100																		
124	Encoder Decoder Models	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	30-03-2020 00:00:00	30-03-2020 00:00:00	1	3	0	3	No	---	---	No	No			
125	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	30-03-2020 00:00:00	30-03-2020 00:00:00	1	2	0	2	No	---	---	No	No			

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

126	Java	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	31-03-2020 00:00:00	31-03-2020 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
127	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	16-03-2020 00:00:00	16-03-2020 00:00:00	1	3	0	3	No	---	---	No		No
128	Step into Robotic Process Automation	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	10-03-2020 00:00:00	10-03-2020 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
129	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	28-02-2020 00:00:00	28-02-2020 00:00:00	1	4	0	4	No	---	---	No		No
130	HTML fundamental Course	Innovation	Skill development	Solo Learn	Non-Govt. Agencies	20-01-2020 00:00:00	20-01-2020 00:00:00	1	3	0	3	No	---	---	No		No
131	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	03-03-2020 00:00:00	03-03-2020 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
132	Step into Robotic Process Automation	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	17-03-2020 00:00:00	17-03-2020 00:00:00	1	3	0	3	No	---	---	No		No
133	Machine Learning	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	05-03-2020 00:00:00	05-03-2020 00:00:00	1	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
134	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	02-03-2020 00:00:00	02-03-2020 00:00:00	1	4	0	4	No	---	---	No		No
135	C Programming	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	25-02-2020 00:00:00	25-02-2020 00:00:00	1	3	0	3	No	---	---	No		No

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

136	Step into Robotic Process Automation	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	11-03-2020 00:00:00	11-03-2020 00:00:00	1	4	0	4	No	---	---	No	No	
137	HTML fundamental Course	Innovation	Innovation Contest	Solo Learn	Non-Govt. Agencies	31-01-2020 00:00:00	31-01-2020 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No
138	Game Development using Py Game	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	01-02-2020 00:00:00	01-02-2020 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3500		No
139	SQL fundamental Course	Innovation	Innovation Contest	Guvi	Non-Govt. Agencies	23-03-2020 00:00:00	23-03-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2100		No
140	Game Development using Py Game	Innovation	Skill development	Guvi	Non-Govt. Agencies	02-03-2020 00:00:00	05-03-2020 00:00:00	4	2	0	2	No	---	---	No	No	
141	HTML fundamental Course	Innovation	Innovation Contest	Solo Learn	Non-Govt. Agencies	31-03-2020 00:00:00	31-03-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2100		No
142	Introduction to Artificial Intelligence	Innovation	Seminar	Simplilearn	Non-Govt. Agencies	04-03-2020 00:00:00	04-03-2020 00:00:00	1	4	0	4	No	---	---	No	No	
143	Emica 2k19	Innovation	Workshop	Tamilnadu College of Engineering, coimbatore	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2100		No

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

144	One Day Workshop on Filter Design and THD analysis for AC-DC Converter using Matlab	Innovation	Workshop	K. Ramakrishnan College of Technology	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
145	BIOHYP HENZYA 2019	Innovation	Workshop	Velalar College of Engineering and Technology	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
146	Arduino Simulation by Proteus	Innovation	Workshop	Saveetha Engineering College Chennai	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
147	Bluetooth Bot Arduino	Innovation	Workshop	Saveetha Engineering College	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
148	Componec2k19	Innovation	Workshop	National Engineering College Kovilpatti	Educational Institute	12-09-2019 00:00:00	12-09-2019 00:00:00	1	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
149	6th National Conference on Recent Trends in Ubiquitous Computing and Communication Technology RTUCCT	Innovation	Workshop	Bannari Amman Institute of Technology	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No

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

150	Workshop on Advancement in MEMS and its Research Aspects	Innovation	Workshop	SRM Institute of Science and Technology Kattankulathur Campus chennai	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
151	REINOX 19	Innovation	Workshop	National Engineering College Kovilpatti	Educational Institute	12-09-2019 00:00:00	12-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
152	Statistics using SPSS tool for Biomedical Applications	Innovation	Workshop	SSN College of Engineering	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
153	TECHNO SUMMIT 2K19	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	24-09-2019 00:00:00	24-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
154	Techfinix 19	Innovation	Workshop	Paavai Engineering College	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
155	One Day National Level Workshop on Image Processing Fundamentals using MATLAB	Innovation	Workshop	Gnanamani College of Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
156	Two Days Workshop on Web Application Development	Innovation	Workshop	SRM Institute of Science and Technology Kattankulathur Campus	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No

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

157	BIOHYP HENZYA 2K19	Innovation	Workshop	Velalar College of Engineering and Technology	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
158	Build Cryptocurrency with Blockchain Technology	Innovation	Workshop	Dr NGP Institute of Technology	Educational Institute	05-09-2019 00:00:00	05-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
159	ASTHIWAR 2K19	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
160	Coimbatore Institute of Technology	Innovation	Workshop	SSN College of Engineering	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
161	IGNITE 19	Innovation	Workshop	Government College of Technology Coimbatore	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
162	PROBOT	Innovation	Workshop	Mahendra Engineering College namakkal	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
163	Workshop on IoT Analytics and Pycom Board	Innovation	Workshop	M Kumaramy College of Engineering (Autonomous)	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

164	National Workshop on Artificial Intelligence Enabled Smart Manufacturing Systems	Innovation	Workshop	VIT University Chennai Campus	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
165	All India Cube Test Competition	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	15-10-2019 00:00:00	15-10-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
166	SARAYU 19	Innovation	Workshop	Sengunthar College of Engineering namakkal	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
167	mECHG UST	Innovation	Workshop	SRM Institute of Science and Technology Kattankulathur Campus	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
168	IoT USING ARDUINO WORKSHOP SENSOR	Innovation	Workshop	Top Engineers chennai	Corporate / Industry Association	21-09-2019 00:00:00	21-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
169	Workshop on Python	Innovation	Workshop	Top Engineers	Corporate / Industry Association	21-09-2019 00:00:00	21-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
170	Deep Learning Workshop	Innovation	Workshop	RMK College of Engineering and Technology	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No

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

171	A Practical Approach on Natural Language Processing and ALEXA	Innovation	Workshop	Sri Ramakrishna Engineering College coimbatore	Educational Institute	09-09-2019 00:00:00	09-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
172	Chiselz v5 2019	Innovation	Workshop	National Engineering College Kovilpatti	Educational Institute	12-09-2019 00:00:00	12-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
173	One Day Workshop on Wireless Sensor Networks using Contiki-Cooja Simulator	Innovation	Workshop	Gnanamani College of Technology namakkal	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
174	Project Expo and Poster Presentation	Innovation	Exhibition	Valliammai Engineering College chennai	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
175	Industry Oriented Hands on Image Processing Training	Innovation	Workshop	Rajalakshmi Engineering College	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
176	National Workshop on Advances in Geospatial Technologies for Disaster Management	Innovation	Workshop	SA engineering college chennai	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
177	SPSS and AMOS IN INDUSTRIAL and ACADEMIC RESEARCH	Innovation	Workshop	KV Institute of Management and Information studies	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No

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

178	National Level Workshop on Xilinx Vivado with Zybo Zynq	Innovation	Workshop	Gnanamani College of Technology	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
179	Technical Workshop on Embedded And VLSI Workshop	Innovation	Workshop	SNS College of Engineering	Educational Institute	05-09-2019 00:00:00	05-09-2019 00:00:00	1	4	0	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
180	Workshop on Embedded System	Innovation	Workshop	KS Rangasamy College of Engineering	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
181	Hands-on Training using Raspberry Pi 2019	Innovation	Workshop	SCAD Institute of Technology	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	6	0	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
182	National Level Workshop on Industry Expected Engineers 2019	Innovation	Workshop	SNS College of Technology	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	3	0	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
183	Two Days Workshop on Blockchain Technology 2019	Innovation	Workshop	Kongundu College of Engineering and Technology Tiruchirappalli	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
184	Hands-on Training on Python Machine Learning for Data Analytics	Innovation	Workshop	Kongu Engineering College Erode	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1400	No

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

185	Workshop on Electrical, Chemical and Mechanical Hazards of Process industry (understanding and Elimination) 2019	Innovation	Workshop	ASET College of Fire and Safety Engineering	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
186	Photovoltaic System Design 2019	Innovation	Workshop	PSG College of Technology	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
187	XCALIBER	Innovation	Workshop	Sriram Engineering College	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
188	Two Days Hands-on Workshop on Routing and Switching Concepts in Data Communication and Networking	Innovation	Workshop	Sri Eshwar College of Engineering	Educational Institute	30-09-2019 00:00:00	01-10-2019 00:00:00	2	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
189	Three Days Workshop on Advanced Finite Element Analysis	Innovation	Workshop	SRM Institute of Science and Technology Kattankulathur Campus Chennai	Educational Institute	04-09-2019 00:00:00	06-09-2019 00:00:00	3	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
190	Sai Magnicon 2k19	Innovation	Workshop	Sri Sairam Engineering College Chennai	Educational Institute	26-08-2019 00:00:00	26-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

191	Two Days National Level Workshop (hands on Training) on Energy auditing and Management 2019	Innovation	Workshop	Periyar University Salem	Educational Institute	28-08-2019 00:00:00	29-08-2019 00:00:00	2	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No
192	One Day Hands-on Workshop E-vehicle Design 2019	Innovation	Workshop	Vinayaka Missions Kiruppananda Variyar Engineering College Salem	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
193	CLOUD CONTROL 2019	Innovation	Workshop	Idhaya Engineering College for Women Chinnasalem	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
194	CYBERTHON 2019	Innovation	Workshop	St Josephs Institute of Technology Chennai	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
195	Two Day National Level Workshop on LabVIEW for Real Time Applications 2019	Innovation	Workshop	Ramco Institute of Technology Rajapalayam	Educational Institute	06-09-2019 00:00:00	07-09-2019 00:00:00	2	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
196	Embedded System using Arduino Kit Workshop System	Innovation	Workshop	Top Engineers Chennai	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
197	Workshop on Internet of Things IoT	Innovation	Workshop	Top Engineers Chennai	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4200	No

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

198	Mobile Controlled Bluetooth Robot Workshop Mobile	Innovation	Workshop	Top Engineers Chennai	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
199	ORKESTRIM 20	Innovation	Workshop	SNS College of Technology Coimbatore	Educational Institute	14-02-2020 00:00:00	14-02-2020 00:00:00	1	4	0	4	No	---	---	No		No
200	Mechnotron 2020	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
201	National Workshop on Applications of AI and Various usage of HPC	Innovation	Workshop	Sri Ramakrishna Engineering College Coimbatore	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
202	Green Belt Training on Lean Six Sigma	Innovation	Workshop	Sri Ramakrishna Institute of Technology Coimbatore	Educational Institute	07-03-2020 00:00:00	07-03-2020 00:00:00	1	3	0	3	No	---	---	No		No
203	One day Workshop on Intelligent Vehicle Technologies 2020	Innovation	Skill development	VIT University Chennai Campus	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	4	0	4	No	---	---	No		No
204	Mechanical System Modeling, Meshing and Simulation using ansys Workbench 2019	Innovation	Training	Karpagam College of Engineering Coimbatore	Educational Institute	01-10-2019 00:00:00	01-10-2019 00:00:00	1	3	0	3	No	---	---	No		No
205	ZEALCHE 2k19	Innovation	Innovation Contest	Erode Sengunthar Engineering College	Educational Institute	17-10-2019 00:00:00	17-10-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

206	MECHNA NIMOUS 2K19	Innovation	Innovation Contest	Erode Sengunthar Engineering College	Educational Institute	17-10-2019 00:00:00	17-10-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
207	Workshop in IOT 2019	Innovation	Workshop	SNS College of Engineering coimbatore	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	2	0	2	No	---	---	No		No
208	ELEXANDROO 2K19	Innovation	Innovation Contest	Erode Sengunthar Engineering College	Educational Institute	16-10-2019 00:00:00	16-10-2019 00:00:00	1	3	0	3	No	---	---	No		No
209	Web Development Workshop	Innovation	Workshop	VIT University Chennai Campus	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	No		No
210	Two Days National Level Workshop on Biochemical Characterization of the Cell-biomaterial interface for Medical Implants 2019	Innovation	Workshop	Dr NGP Institute of Technology Coimbatore	Educational Institute	04-10-2019 00:00:00	05-10-2019 00:00:00	2	3	0	3	No	---	---	No		No
211	IEEE sponsored one day Hands on training in NI-USRP using Labview 2019	Innovation	Training	Sri Ramakrishna Engineering College	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	3	0	3	No	---	---	No		No
212	One Day Workshop on Design and Modelling of Electric Vehicles 2019	Innovation	Workshop	SCAD Institute of Technology Coimbatore	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	4	0	4	No	---	---	No		No

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

213	Xtrefest and Hackathon 2k19	Innovation	Hackathon	Sri Sairam Engineering College chennai	Educational Institute	21-08-2019 00:00:00	21-08-2019 00:00:00	1	7	0	7	No	---	---	No	No
214	Mobile Application Development MAD 2k19	Innovation	Skill development	Dr Mahalingam College of Engineering and Technology Pollachi	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	3	0	3	No	---	---	No	No
215	Advanced Frameworks in Web Application Development 2019	Innovation	Seminar	SNS College of Technology coimbatore	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	3	0	3	No	---	---	No	No
216	Machine Learning Techniques for Building Intelligent Systems 2019	Innovation	Skill development	SSN College of Engineering Chennai	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No
217	INFRAZEST 2K19	Innovation	Innovation Contest	Kamaraj College of Engineering and Technology Virudhunagar	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No
218	One Day Hands on Training on 3D Printing 2019	Innovation	Training	NIT Tiruchirappalli	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	2	0	2	No	---	---	No	No
219	FPV Racing drone and RC Plane Fabrication 2019	Innovation	Training	SCAD Institute of Technology Coimbatore	Educational Institute	04-10-2019 00:00:00	04-10-2019 00:00:00	1	3	0	3	No	---	---	No	No

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

220	Biochemical Characterization of the Cell-Biomaterial Interface for Medical Implants 2019	Innovation	Seminar	Dr NGP Institute of Technology Coimbatore	Educational Institute	14-10-2019 00:00:00	14-10-2019 00:00:00	1	2	0	2	No	---	---	No	No			
221	One day Hands-on training Cum workshop on Python 2019	Innovation	Training	Adithya Institute of Technology Coimbatore	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	3	0	3	No	---	---	No	No			
222	Hands on Training on Algae extraction for Biofuel Production Technologies (ABT) 2019	Innovation	Training	Sathyabama Institute of Science and Technology Chennai	Educational Institute	27-11-2019 00:00:00	27-11-2019 00:00:00	1	4	0	4	No	---	---	No	No			
223	One Day Hands-on Training on Biofuel Production and Characterization	Innovation	Training	Sathyabama Institute of Science and Technology	Govt. Agency (State)	28-11-2019 00:00:00	28-11-2019 00:00:00	1	5	0	5	No	---	---	No	No			
224	One Day Hands-on Training on Gas Chromatography TCD FID Analysis of Major Solvents, Esters and Gases made simple	Innovation	Training	Sathyabama Institute of Science and Technology Chennai	Educational Institute	29-11-2019 00:00:00	29-11-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
225	One Day Workshop on Recent Trends in automobile Engineering 2k19	Innovation	Workshop	K. Ramakrishnan College of Technology	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		

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

226	Machine Learning for Computer Vision Applications MLCVA 19	Innovation	Workshop	Mepco Schlenk Engineering College sivakasi	Educational Institute	09-12-2019 00:00:00	09-12-2019 00:00:00	1	2	0	2	No	---	---	No	No	
227	Workshop on Materials Preparation and Characterization Techniques	Innovation	Workshop	PSG College of Arts and Science Coimbatore	Educational Institute	01-11-2019 00:00:00	01-11-2019 00:00:00	1	3	0	3	No	---	---	No	No	
228	IoT using Arduino and Android Workshop Internet 2019	Innovation	Workshop	TOP engineers	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
229	Applications of Microbial Strain Engineering and Green Synthesis In Biochemical Prospective 2019	Innovation	Seminar	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology Chennai	Educational Institute	31-10-2019 00:00:00	31-10-2019 00:00:00	1	3	0	3	No	---	---	No	No	
230	One Day Workshop on Recent Trends in automobile Engineering 2k19	Innovation	Workshop	TOP engineers	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
231	E -Bike design and Retrofitting Workshop	Innovation	Workshop	Dr Mahalingam College of Engineering and Technology Pollachi	Educational Institute	09-12-2019 00:00:00	09-12-2019 00:00:00	1	3	0	3	No	---	---	No	No	
232	LoRa WAN Protocol for IoT Applications 2019	Innovation	Seminar	St Annes College of Engineering and Technology Panruti	Educational Institute	28-11-2019 00:00:00	28-11-2019 00:00:00	1	3	0	3	No	---	---	No	No	

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

233	Machine Learning Workshop Network	Innovation	Workshop	TOP engineers	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
234	E Bike Designing and Retrofitting	Innovation	Training	Dr Mahalingam College of Engineering and Technology Pollachi	Educational Institute	09-12-2019 00:00:00	09-12-2019 00:00:00	1	2	0	2	No	---	---	No		No
235	Troubleshooting Domestic Appliances	Innovation	Workshop	TOP engineers	Educational Institute	15-09-2019 00:00:00	15-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
236	One Day Workshop on R Programming Language	Innovation	Workshop	Sona College of Technology Salem	Educational Institute	09-11-2019 00:00:00	09-11-2019 00:00:00	1	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
237	Ethical Hacking Workshop Hacking	Innovation	Workshop	TOP engineers	Educational Institute	15-09-2019 00:00:00	15-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
238	Workshop on Reverse Engineering	Innovation	Workshop	Panimala Institute of Technology Chennai	Educational Institute	20-11-2019 00:00:00	20-11-2019 00:00:00	1	2	0	2	No	---	---	No		No
239	Two days National Level Workshop on Challenges and Opportunities of Virtual Reality and Augmented Reality integrated with AI	Innovation	Workshop	TOP engineers	Corporate / Industry Association	18-09-2019 00:00:00	19-09-2019 00:00:00	2	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

240	Digital Marketing Workshop	Entrepreneurship/Startup	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology Chennai	Educational Institute	30-10-2019 00:00:00	30-10-2019 00:00:00	1	2	0	2	No	---	---	No	No	
241	Certification on Blockchain	Innovation	Skill development	Hindustan Institute of Technology and Science Chennai	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	4	0	4	No	---	---	No	No	
242	Workshop on eSim, a First Course in the IoT Series	Innovation	Workshop	Sri Krishna College of Technology	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No
243	STRUUC TURA 19	Innovation	Workshop	Vellore Institute of Technology vellore	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3500		No
244	graVITas 19	Innovation	Workshop	Vellore Institute of Technology	Educational Institute	11-10-2019 00:00:00	11-10-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3500		No
245	National Workshop on Supramolecular Fluorescent Chemose nsors for Molecular Recognition and its Varied Applications	Innovation	Workshop	Konguna du College of Engineering and Technology Trichy	Educational Institute	01-11-2019 00:00:00	01-11-2019 00:00:00	1	2	0	2	No	---	---	No	No	
246	innovative Ideas for Students Research Workshop 2019	Innovation	Workshop	Karpagam College of Engineering	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No

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

247	Recent Trends in Sustainable Green Manufacturing SGM	Innovation	Seminar	SRM Institute of Science and Technology Kattankulathur Campus	Educational Institute	18-11-2019 00:00:00	18-11-2019 00:00:00	1	4	0	4	No	---	---	No	No	
248	Drestein	Innovation	Workshop	Saveetha Engineering College Chennai	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No
249	Workshop on Machine Learning	Innovation	Workshop	SNS College of Technology Coimbatore	Educational Institute	14-10-2019 00:00:00	14-10-2019 00:00:00	1	3	0	3	No	---	---	No	No	
250	Two Days Hands on Workshop on Ethical Hacking	Innovation	Workshop	Karunya Institute of Technology and Sciences Coimbatore	Educational Institute	10-10-2019 00:00:00	10-10-2019 00:00:00	1	7	0	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 4900		No
251	AUGUSTA	Innovation	Workshop	AAA College of Engineering and Technology	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No
252	CADENCE EDA Workshop From Schematic to GDSII File Generation	Innovation	Workshop	Thiagarajar College of Engineering Madurai	Educational Institute	11-10-2019 00:00:00	11-10-2019 00:00:00	1	2	0	2	No	---	---	No	No	
253	Make-A-Thon	Innovation	Hackathon	Vellore Institute of Technology Vellore	Educational Institute	16-10-2019 00:00:00	16-10-2019 00:00:00	1	4	0	4	No	---	---	No	No	
254	OPUZEL EK	Innovation	Workshop	RMK College of Engineering and Technology	Educational Institute	05-09-2019 00:00:00	05-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 2800		No

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

255	Workshop on Electric Vehicles and its Recent Applications	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	12-10-2019 00:00:00	12-10-2019 00:00:00	1	6	0	6	No	---	---	No	No			
256	Sensors 2019	Innovation	Workshop	NIT Tiruchirappalli	Educational Institute	17-10-2019 00:00:00	17-10-2019 00:00:00	1	2	0	2	No	---	---	No	No			
257	National Level Hands on Workshop on Robotics and its Real Time application using Lego Mindstorm Ev3	Innovation	Workshop	SRI RAMAKRISHNA ENGINEERING COLLEGE COIMBATORE	Educational Institute	11-10-2019 00:00:00	11-10-2019 00:00:00	1	2	0	2	No	---	---	No	No			
258	Two days International workshop on tall building designing using STAAD pro	Innovation	Workshop	SCAD Institute of Technology coimbatore	Educational Institute	30-09-2019 00:00:00	01-10-2019 00:00:00	2	3	0	3	No	---	---	No	No			
259	Workshop on Android using Java	Innovation	Workshop	SNS College of Technology Coimbatore	Educational Institute	30-09-2019 00:00:00	30-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
260	CSIR Sponsored Innovations in Number Theory for Cryptography Applications Workshop	Innovation	Workshop	Kongunadu College of Engineering and Technology	Educational Institute	05-09-2019 00:00:00	05-09-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		

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

261	Workshop on Part Program on 3axis Vertical Machining Center	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	24-08-2019 00:00:00	24-08-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
262	SRUJAN	Innovation	Workshop	SRM Institute of Science and Technology Ramapuram Campus	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
263	Two Days Workshop on Power Management and Stability Solutions of the Microgrid	Innovation	Workshop	St Josephs College of Engineering	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
264	Data Analysis Workshop	Innovation	Workshop	Kongu Engineering College	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
265	CSIR Sponsored One Day National Level Workshop on Manufacturing Strategies Towards Sustainable Future	Innovation	Workshop	Dr NGP Institute of Technology	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
266	Hands on Training on Natural Language Processing using spaCy	Innovation	Workshop	Kongu Engineering College	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

267	GeoInformatics and Data Analytics	Innovation	Workshop	JNN Institute of Engineering	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
268	EXPRO	Innovation	Workshop	Madras Institute of Technology Anna University Madras Institute of Technology Anna University Chennai	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	2	0	2	No	---	---	No		No
269	Two days National workshop on Hands-on Exposure to Digital ASIC Design Using Cadence EDA Tool	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	20-08-2019 00:00:00	20-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
270	TRYONIX	Innovation	Workshop	VSB Engineering College Karur	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	4	0	4	No	---	---	No		No
271	NEONIX	Innovation	Workshop	Sri Sairam Engineering College	Educational Institute	20-08-2019 00:00:00	20-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
272	The Science of Non Destructive Testing	Innovation	Workshop	Vetri Vinayaha College of Engineering and Technology Namakkal	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	4	0	4	No	---	---	No		No
273	Elect-Era	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	24-08-2019 00:00:00	24-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

274	National Workshop on Molecular Simulation From Chemical Structure to Green Separation Process	Innovation	Workshop	SSN College of Engineering Chennai	Educational Institute	16-03-2020 00:00:00	16-03-2020 00:00:00	1	2	0	2	No	---	---	No		No
275	Workshop on Introduction to Matlab and Simulink	Innovation	Workshop	Vinayaka Missions Kirupana nda Variyar Engineering College	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
276	UberTech	Innovation	Workshop	SRM Institute of Science and Technology Vadapalani Campus	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
277	Sankara College of Science and Commerce	Innovation	Workshop	One Day Workshop on Professional Ethics and Plagiarism	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
278	Cloud control in Embedded Automation	Innovation	Workshop	Idhaya Engineering College for Women	Educational Institute	21-08-2019 00:00:00	21-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
279	Industry 4.0	Innovation	Workshop	Government College of Technology Coimbatore	Educational Institute	10-08-2019 00:00:00	10-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
280	One day National Level Workshop on Photonics Design	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	10-08-2019 00:00:00	10-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

281	Workshop on Advancement in 3D Printing	Innovation	Workshop	Vel Tech Rangaraj an Dr Saguntha la R and D Institute of Science and Technology	Educational Institute	16-08-2019 00:00:00	16-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
282	TORQ 2	Innovation	Workshop	Loyola ICAM College of Engineering and Technology	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
283	Bigdata Analytics using Hadoop	Innovation	Workshop	Vellore Institute of Technology	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
284	6th IEEE International Symposium on Smart Electronic Systems	Innovation	Workshop	VIT University Chennai Campus Chennai	Educational Institute	20-03-2020 00:00:00	20-03-2020 00:00:00	1	2	0	2	No	---	---	No		No
285	PRANAV	Innovation	Workshop	Meenakshi Sundarajan Engineering College	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
286	Bigdata Analytics Workshop	Innovation	Workshop	Vellore Institute of Technology	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
287	One Day National Level Workshop on Integration of Renewable Energy and Smart Grid	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

288	Android	Innovation	Workshop	NGCS Chennai	Educational Institute	29-03-2020 00:00:00	29-03-2020 00:00:00	1	4	0	4	No	---	---	No	No	
289	Abhigyan	Innovation	Workshop	SRM Institute of Science and Technology Vadapalani Campus	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
290	Integration of Renewable Energy and Smart Grid IRESG	Innovation	Workshop	SRM Institute of Science and Technology Vadapalani Campus	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
291	Basics of Computerization of Process Plant	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	2	0	2	No	---	---	No	No	
292	One Day Hands-on Technical Workshop	Innovation	Workshop	One Day Hands-on Technical Workshop	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
293	Workshop on Ethical Hacking in association with Takshashila	Innovation	Workshop	Chennai Institute of Technology Chennai	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	3	0	3	No	---	---	No	No	
294	MAVIS	Innovation	Workshop	Sri Sairam Engineering College	Educational Institute	23-08-2019 00:00:00	23-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
295	CREOIS TA	Innovation	Workshop	Sri Sairam Engineering College	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No

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

296	CREOIS TA	Innovation	Workshop	Sri Sairam Engineering College	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
297	One Day Hands on Workshop on Introduction to Matlab and Simulink	Innovation	Workshop	Vinayaka Missions Kirupana Varyar Engineering College	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
298	Spark	Innovation	Skill development	Madras Institute of Technology Anna University	Educational Institute	12-10-2019 00:00:00	12-10-2019 00:00:00	1	2	0	2	No	---	---	No		No
299	One Day Hands-on Training on Biofuel Production and Characterization	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
300	Hands on Workshop on Digital Marketing	Entrepreneurship/Startup	Training	SNS College of Technology coimbatore	Educational Institute	04-10-2019 00:00:00	04-10-2019 00:00:00	1	2	0	2	No	---	---	No		No
301	One Day National Level Workshop on Design of Sensor Guided Robot	Innovation	Workshop	Gnanamani College of Technology	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
302	AVANTRA	Innovation	Training	Excel Engineering College Nammakal	Educational Institute	05-10-2019 00:00:00	05-10-2019 00:00:00	1	2	0	2	No	---	---	No		No
303	XCALIBER	Innovation	Workshop	Sriram Engineering College	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

304	Hands on Workshop on Digital Marketing	Entrepreneurship/Startup	Seminar	SNS College of Technology Coimbatore	Educational Institute	10-10-2019 00:00:00	10-10-2019 00:00:00	1	2	0	2	No	---	---	No	No	
305	Cluser	Innovation	Workshop	KLN College of Engineering Sivagangai	Educational Institute	01-10-2019 00:00:00	01-10-2019 00:00:00	1	2	0	2	No	---	---	No	No	
306	ICCP	Innovation	Workshop	Don Bosco College	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
307	An awareness Workshop on Solid Waste Management Challenges towards Healthier Environment Swachh	Innovation	Workshop	Sathyabama Institute of Science and Technology Chennai	Educational Institute	12-12-2019 00:00:00	12-12-2019 00:00:00	1	3	0	3	No	---	---	No	No	
308	National Workshop on Rapid Manufacturing Processes	Innovation	Workshop	PSG College of Technology	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
309	One Day National Level Workshop on Journal Writing IPR and Patent Drafting	IPR	Workshop	Karpagam College of Engineering Coimbatore	Educational Institute	13-12-2019 00:00:00	13-12-2019 00:00:00	1	2	0	2	No	---	---	No	No	
310	One Day Hands-on Training on Basics of Microscopy Techniques	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

311	One Day National Level Workshop on Skill Development Program	Innovation	Workshop	Ramco Institute of Technology Rajapalayam	Educational Institute	06-12-2019 00:00:00	06-12-2019 00:00:00	1	2	0	2	No	---	---	No	No	
312	Technical Workshop	Innovation	Workshop	Karpagam College of Engineering	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
313	One Day Workshop on Data Science for Environmental Applications	Innovation	Workshop	Sathyabama Institute of Science and Technology Chennai	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	2	0	2	No	---	---	No	No	
314	One Day Workshop on Energy audit and Water Management in Dairy Industrie	Innovation	Workshop	Bannari Amman Institute of Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
315	Industry Academia Conclave and Workshop	Innovation	Training	Vellore Institute of Technology	Educational Institute	13-12-2019 00:00:00	13-12-2019 00:00:00	1	2	0	2	No	---	---	No	No	
316	National Workshop on FPGA design flow using Xilinx Vivado	Innovation	Workshop	PSG College of Technology Coimbatore	Educational Institute	13-12-2019 00:00:00	13-12-2019 00:00:00	1	2	0	2	No	---	---	No	No	
317	Workshop on TIG and MIG Welding	Innovation	Workshop	K Ramakrishnan College of Technology	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
318	Opportunities for Industry 4.0 applications in Indian Industries	Innovation	Seminar	NIT Tiruchirappalli	Educational Institute	03-01-2020 00:00:00	03-01-2020 00:00:00	1	3	0	3	No	---	---	No	No	

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

319	Smart Irrigation System Using Intelligent Techniques	Innovation	Workshop	Sona College of Technology	Educational Institute	30-12-2019 00:00:00	30-12-2019 00:00:00	1	4	0	4	No	---	---	No	No			
320	Training Program on 3D Printing and 3D scanning	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	02-08-2019 00:00:00	02-08-2019 00:00:00	1	4	0	4	No	---	---	No	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
321	A National level Workshop on Energy Audit and Management	Innovation	Workshop	Karpagam College of Engineering Coimbatore	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	4	0	4	No	---	---	No	No			
322	Entrepreneurship Opportunities in E-Waste Recycling	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	02-09-2019 00:00:00	02-09-2019 00:00:00	1	5	0	5	No	---	---	No	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
323	International Workshop on access to Clean Energy to Humanity	Innovation	Awareness	SRM Institute of Science and Technology Kattankulathur Campus	Educational Institute	05-12-2019 00:00:00	05-12-2019 00:00:00	1	3	0	3	No	---	---	No	No			
324	INTERNET CONTROLLED DEVICE (ROBOT MOTOR)	Innovation	Workshop	Excel College of Engineering and Technology	Educational Institute	06-08-2019 00:00:00	06-08-2019 00:00:00	1	5	0	5	No	---	---	No	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
325	Workshop on CBRN Hazards	Innovation	Workshop	ASET College of Fire and Safety Engineering	Educational Institute	09-08-2019 00:00:00	09-08-2019 00:00:00	1	5	0	5	No	---	---	No	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		

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

326	Ignitra	Innovation	Workshop	Nandha College of Technology Erode	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
327	Hands-on Training on Data Mining Tools	Innovation	Workshop	Kongu Engineering College	Educational Institute	16-08-2019 00:00:00	16-08-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
328	Embedded System RTOS Design and Autonomous Vehicle Design using Sensors	Innovation	Workshop	Sri Ramakrishna Engineering College Coimbatore	Educational Institute	23-09-2019 00:00:00	23-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
329	Vahana V4	Innovation	Workshop	Hindustan College of Engineering and Technology	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
330	National Level Workshop on Matlab	Innovation	Workshop	Rathinam Technical Campus Coimbatore	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
331	BIPED HUMANOID ROBOTICS	Innovation	Workshop	SNS College of Technology	Educational Institute	21-08-2019 00:00:00	21-08-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1750</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	1750	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	1750																		
332	Design and Simulation of Solar rooftop PV Power Plants	Innovation	Workshop	Excel College of Engineering and Technology	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
333	National Workshop on CNC Programming and Training in Vertical Machining Centre	Innovation	Workshop	PSG College of Technology Coimbatore	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			

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

334	Workshop with Hands on Training on PCB Layout Design	Innovation	Workshop	Rajalakhmi Engineering College	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
335	National Workshop on Robot and Drone Development	Innovation	Workshop	NIT Tiruchirappalli	Educational Institute	03-10-2019 00:00:00	05-10-2019 00:00:00	3	3	0	3	No	---	---	No		No
336	CRYPTERA	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
337	Machine Learning based IoT Smart Devices	Innovation	Workshop	Cheran College of Engineering KARUR	Educational Institute	03-10-2019 00:00:00	03-10-2019 00:00:00	1	4	0	4	No	---	---	No		No
338	A Two-Day Workshop on Electric and Hybrid Vehicle Engineering	Innovation	Workshop	Indian Institute of Information Technology Design and Manufacturing IITDM Kancheepuram	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	3	0	3	No	---	---	No		No
339	One Day Training on Analysis of Major Solvents, Esters and Gases using GC TCD FID	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

340	Two day workshop on Fundamentals and Research Issues in Machining, Welding, and Non-Destructive Testing (NDT)	Innovation	Workshop	Mepco Schlenk Engineering College Sivakasi	Educational Institute	26-09-2019 00:00:00	27-09-2019 00:00:00	2	4	0	4	No	---	---	No	No			
341	One Day National Workshop on Data Science with Python for Data Analysis	Innovation	Workshop	Karpagam College of Engineering	Educational Institute	20-08-2019 00:00:00	20-08-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
342	National Workshop on Internet of Things (IoT) for Emerging Engineering Applications in Smart City Implementations	Innovation	Training	PSG College of Technology Coimbatore	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
343	Advances in Finite Element Analysis for Structural Engineering	Innovation	Workshop	Kongunda College of Engineering and Technology	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
344	Hands-on Training in Msp Software for Project Management	Innovation	Training	Sri Ramakrishna Institute of Technology Coimbatore	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
345	Design and Debug of Embedded Systems Workshop	Innovation	Workshop	Coimbatore Institute of Technology Coimbatore	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			

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

346	One days workshop on LaTeX	Innovation	Workshop	NIT Tiruchirappalli	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
347	Hands-on Training on Python Machine Learning for Data Analytics	Innovation	Training	Kongu Engineering College	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	No		No
348	A Workshop on Mobile application Development using Phonegap tool	Innovation	Workshop	Mount Zion College of Engineering and Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	3	6	No	---	---	No		No
349	Datamining Tools	Innovation	Workshop	Kongu Engineering College	Educational Institute	27-07-2019 00:00:00	27-07-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
350	Unveiling the Realms of 3D Prototyping	Innovation	Training	Sri Ramakrishna Institute of Technology Coimbatore	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	2	0	2	No	---	---	No		No
351	Building Single Page Web Applications using Angular 6	Entrepreneurship/Startup	Skill development	Kongu Engineering College	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	4	0	4	No	---	---	No		No
352	Elements	Innovation	Workshop	Sri Ramakrishna Engineering College Coimbatore	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	3	0	3	No	---	---	No		No

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

353	National Level Workshop on Design and Development of Computer aided Diagnosis System of Mammogram Images using Medical Image	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	29-07-2019 00:00:00	29-07-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
354	Technovation 2019	Innovation	Innovation Contest	K Ramakrishnan College of Technology	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
355	Spartans	Innovation	Workshop	Mahendra College of Engineering Salem	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	2	0	2	No	---	---	No		No
356	National Workshop on Drone Design Fabrication and Testing	Innovation	Skill development	Excel Engineering College	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	5	0	5	No	---	---	No		No
357	CSIR Sponsored One Day National Level Workshop On Recycling and Industrial Waste Management for Sustainable Waste Management	Innovation	Workshop	Dr NGP Institute of Technology	Educational Institute	01-08-2019 00:00:00	01-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
358	Internet Of Things(IOT) Workshop	Innovation	Workshop	Mepco Schlenk Engineering College Sivakasi	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	3	0	3	No	---	---	No		No

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

359	One Day Workshop on Exploring the power of JAVA - An Interview Perspective	Innovation	Workshop	AVC College of Engineering Mayiladuthurai	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
360	Hands-on Training Program on Application of SolidWorks on Product Design and Development	Innovation	Training	Mepco Schlenk Engineering College Sivakasi	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
361	Multilayer PCB Design Workshop	Innovation	Workshop	Sri Shanmugha College of Engineering and Technology Salem	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	No	No			
362	CSIR Sponsored One Day National Level Workshop On Recycling and Industrial Waste Management for Sustainable Waste Management	Innovation	Workshop	Dr NGP Institute of Technology	Educational Institute	01-08-2019 00:00:00	01-08-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		
363	Workshop on Electromagnetic Simulation	Innovation	Workshop	SRM Institute of Science and Technology Ramapuram Campus	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			

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

364	Technical Workshop on Cloud Based Machine Learning For IoT Devices	Innovation	Workshop	Jansons Institute of Technology Coimbatore	Educational Institute	30-09-2019 00:00:00	30-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
365	Elect era	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	03-08-2019 00:00:00	03-08-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
366	Two Days Workshop on Deep Learning using Python	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	19-10-2019 00:00:00	19-10-2019 00:00:00	1	6	0	6	No	---	---	No	No			
367	Synsara	Innovation	Hackathon	Sri Sairam Engineering College Chennai	Educational Institute	20-10-2019 00:00:00	20-10-2019 00:00:00	1	3	0	3	No	---	---	No	No			
368	A National Level Workshop on Raspberry Pi Programming	Innovation	Workshop	Sri Shanmugha College of Engineering and Technology Salem	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
369	Design and Development of Drones and Multi-rotor Piloting	Innovation	Workshop	Karunya Institute of Technology and Sciences	Educational Institute	16-09-2019 00:00:00	16-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
370	Pilot Scale Biodiesel Production, Wastewater analysis and Treatment	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	03-08-2019 00:00:00	03-08-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		

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

371	IEEE Sponsored One Day National Level Workshop On 3-D Printing For Medical And Robotic Applications	Innovation	Workshop	Karunya Institute of Technology and Sciences Coimbatore	Educational Institute	17-09-2019 00:00:00	17-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
372	Design and Troubleshooting of Power Equipment	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	16-09-2019 00:00:00	16-09-2019 00:00:00	1	5	0	5	No	---	---	No	No			
373	One Day National Workshop on Raspberry Pi(From Scratch to Apps)	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	06-08-2019 00:00:00	06-08-2019 00:00:00	1	3	0	3	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2100</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2100	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2100																		
374	Plastic Waste Recycling Challenges and Opportunities	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology Chennai	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
375	One day Workshop on Wireless Sensor Network (WSN) Enabled Internet of Things (IoT)	Innovation	Workshop	Jai Shriram Engineering College Tirupur	Educational Institute	17-09-2019 00:00:00	17-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
376	Mini Bike Design and Fabrication Techniques	Innovation	Workshop	Karpagam College of Engineering	Educational Institute	09-08-2019 00:00:00	09-08-2019 00:00:00	1	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>2800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	2800																		

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377	Design of Microstrip Antenna DMA	Innovation	Skill development	K Ramakrishnan College of Technology Trichy	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	4	0	4	No	---	---	No	No	
378	Cloud Control on Industrial Automation	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	3	0	3	No	---	---	No	No	
379	HASHTAG 2.0	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
380	TECHFINIX	Innovation	Workshop	Paavai Engineering College Namakkal	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	No	No	
381	Hands on Training on Algae extraction for Biofuel Production Technologies ABT	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No
382	Hands on Training in PCB Design and Fabrication	Innovation	Workshop	Kongunadu College of Engineering and Technology	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
383	Design and Troubleshooting of Power Equipment	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	3	0	3	No	---	---	No	No	
384	Free PCB Designing Workshop	Innovation	Workshop	Saveetha Engineering College	Educational Institute	27-07-2019 00:00:00	27-07-2019 00:00:00	1	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2800	No

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

385	fdp	Innovation	Training	K.S.Rangasamy College of Technology, Thiruchengode.	Educational Institute	11-09-2019 00:00:00	14-09-2019 00:00:00	4	2	0	2	No	---	---	No	No	
386	One Day Hands on Training on Gas Chromatography - TCD FID Analysis of Major Solvents, Esters and Gases made simple	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	27-07-2019 00:00:00	27-07-2019 00:00:00	1	4	0	4	No	---	---	<div style="background-color: #002060; color: white; padding: 5px;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; width: 100px; text-align: center;">2800</div>		No
387	Micro Drone Design	Innovation	Skill development	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	4	0	4	No	---	---	No	No	
388	Cloud Control on Industrial Automation	Innovation	Workshop	Mahendra College of Engineering	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	5	0	5	No	---	---	No	No	
389	Simulation and Emulation of Self Organized Networks	Innovation	Workshop	Kongu Engineering College	Educational Institute	13-07-2019 00:00:00	13-07-2019 00:00:00	1	4	0	4	No	---	---	<div style="background-color: #002060; color: white; padding: 5px;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; width: 100px; text-align: center;">2800</div>		No
390	Cad with Tinkercad	Innovation	Seminar	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	15	0	15	No	---	---	No	No	
391	ONE DAY WORKS HOP ON Stability analysis and matching network design for RF devices	Innovation	Workshop	K. Ramakrishnan College of Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	5	0	5	No	---	---	No	No	
392	Advanced cad for Manufacturing	Innovation	Skill development	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	12	0	12	No	---	---	No	No	

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

393	Two Days Hands on Training with PIC Development Board and Supporting Hardware	Innovation	Workshop	Sona College of Technology	Educational Institute	22-07-2019 00:00:00	23-07-2019 00:00:00	2	5	0	5	No	---	---	<div style="background-color: #002060; color: white; padding: 5px;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; width: 100px; text-align: center;">3500</div>		No
394	Problem Solving, Modelling and Prototyping	Innovation	Skill development	Autodesk Design Academy (Online)	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	2	0	2	No	---	---	No		No
395	Two Days National Level Workshop on Challenges and Opportunities in Integrating Blockchain Technology with IOT	Innovation	Workshop	Hindustan Institute of Technology	Educational Institute	25-07-2019 00:00:00	25-07-2019 00:00:00	1	4	0	4	No	---	---	<div style="background-color: #002060; color: white; padding: 5px;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; width: 100px; text-align: center;">2800</div>		No
396	Project Expo	Innovation	Exhibition	Codissia Trade Fair Complex, Coimbatore	Non-Govt. Agencies	29-08-2019 00:00:00	31-08-2019 00:00:00	3	4	0	4	No	---	---	No		No
397	Workshop Cum Competition on industrial Pneumatics and Hydraulics	Innovation	Workshop	Thiagarajar College of Engineering	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	No		No
398	Python	Innovation	Training	Techvolt Software Pvt Ltd, Coimbatore	Corporate / Industry Association	30-08-2019 00:00:00	31-08-2019 00:00:00	2	4	0	4	No	---	---	No		No
399	Workshop on Statistical Data Analysis using R Programming	Innovation	Workshop	Mahendra Engineering College	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	4	0	4	No	---	---	<div style="background-color: #002060; color: white; padding: 5px;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; width: 100px; text-align: center;">2800</div>		No

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400	Thermal Analysis	Innovation	Workshop	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	No	No			
401	Advanced Cad	Innovation	Workshop	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	2	0	2	No	---	---	No	No			
402	Linear Material Analysis	Innovation	Training	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	No	No			
403	A Five Days National Level Workshop on Neural Networks and Deep Learning	Innovation	Workshop	Vellore Institute of Technology	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
404	Non-Linear Material Analysis	Innovation	Workshop	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	4	0	4	No	---	---	No	No			
405	CSIR Sponsored Workshop on Advances in Finite Element Analysis for Structural Engineering	Innovation	Workshop	Kongundu College of Engineering and Technology	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		
406	Autodesk CFD simulation	Innovation	Training	Autodesk Design Academy	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	2	0	2	No	---	---	No	No			
407	Fusion 360 for Designers	Innovation	Workshop	Autodesk Design Academy	Educational Institute	01-09-2019 00:00:00	01-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
408	Cloud Control in Embedded Automation	Innovation	Workshop	Excel College of Engineering and Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	No	No			
409	Techfinix 19	Innovation	Innovation Contest	Paavai Engineering College	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			

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

410	Manufacturing of Composite and 3D Printing Workshop	Innovation	Workshop	Sri Venkateswara College of Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	3	0	3	No	---	---	No	No			
411	STRUCT 2k19	Innovation	Innovation Contest	Thiruvalluvar College of Engineering and Technology	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
412	Workshop on Machine Learning	Innovation	Workshop	SNS College of Technology	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
413	Artifex 2k19	Innovation	Innovation Contest	Sri Venkateswara College of Engineering	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	5	0	5	No	---	---	No	No			
414	Workshop on IoT and Data Analytics	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
415	Workshop on E-Vehicles and Hybrid Vehicles	Innovation	Workshop	SSN College of Engineering	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
416	Research Metrics, Statistical Tools and IPR for Quality Research	IPR	Skill development	PSGR Krishnamal College for Women	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	0	5	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	3500																		

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

417	Translational Research Workshop on Design and Fabrication of Patient Friendly Custom Medical Products by Additive Manufacturing Process	IPR	Skill development	Dr NGP Institute of Technology	Educational Institute	19-09-2019 00:00:00	20-09-2019 00:00:00	2	0	5	5	No	---	---	<div style="background-color: #002060; color: white; padding: 5px; display: inline-block;">Total Total Expense Amount Incurred by Institute? (In Rupees)</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 10px;">3500</div>		No
418	OrpGenX 19	Innovation	Innovation Contest	Excel Engineering College	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	4	0	4	No	---	---	No	No	
419	Revolution Software and its Incredible Growth in Civil Engineering	Innovation	Workshop	K Ramakrishnan College of Technology	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	5	0	5	No	---	---	No	No	
420	One Day Hands on Training on Biofuel Production and Characterization	Innovation	Workshop	Sathyabama Institute of Science and Technology	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	6	0	6	No	---	---	No	No	
421	ZREYAS	Innovation	Workshop	VSB Engineering College Karur	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	4	0	4	No	---	---	No	No	
422	Autovault 2019	Innovation	Innovation Contest	Government College of Technology	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	0	4	No	---	---	No	No	
423	National Level Technical Workshop on Engine Mantling and Dismantling	Innovation	Workshop	Nandha Engineering College	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	No	No	

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

424	Wireless Sensor Network (WSN) Enabled Internet of Things (IoT)	Innovation	Seminar	Jai Shriram Engineering College	Educational Institute	17-09-2019 00:00:00	17-09-2019 00:00:00	1	5	0	5	No	---	---	No	No
425	Recent Trendz in Automobile Industry	Innovation	Workshop	K Ramakrishnan College of Technology	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	5	0	5	No	---	---	No	No
426	Deep learning using Matlab National Level Workshop	Innovation	Workshop	SRM Institute of Science and Technology	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	6	0	6	No	---	---	No	No
427	Workshop on 3D Printing in Medical and Healthcare	Innovation	Workshop	Vel Tech Rangaraj an Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	0	4	No	---	---	No	No
428	technoVIT 2019	Innovation	Workshop	VIT University Chennai Campus	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	6	0	6	No	---	---	No	No
429	YUGAM Automation system design using PLC	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	02-03-2020 00:00:00	02-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
430	Yugam	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	02-03-2020 00:00:00	04-03-2020 00:00:00	3	3	0	3	No	---	---	No	No
431	ArchniX	Innovation	Workshop	VSB Engineering College Karur	Educational Institute	06-03-2020 00:00:00	06-03-2020 00:00:00	1	4	0	4	No	---	---	No	No

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

432	XION	Innovation	Workshop	SRM Institute of Science and Technology Vadapalani Campus Chennai	Educational Institute	12-03-2020 00:00:00	12-03-2020 00:00:00	1	5	0	5	No	---	---	No	No
433	Webdesigning One Day Workshop	Innovation	Workshop	NGCS Chennai	Educational Institute	22-03-2020 00:00:00	22-03-2020 00:00:00	1	5	0	5	No	---	---	No	No
434	Industrial IoT using NI Platform	Innovation	Workshop	Kumaraguru College of Technology Chennai	Educational Institute	03-02-2020 00:00:00	03-02-2020 00:00:00	1	2	0	2	No	---	---	No	No
435	ArchniX	Innovation	Workshop	VSB Engineering College Karur	Educational Institute	06-03-2020 00:00:00	06-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
436	V-Prayukti	Innovation	Workshop	Bannari Amman Institute of Technology Erode	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
437	Mechnovate	Innovation	Workshop	Vellore Institute of Technology Vellore	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
438	Brahmastara	Innovation	Workshop	M Kumaramy College of Engineering (Autonomous) Karur	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
439	One day Workshop on 3D printing and Innovation	Innovation	Conference	NIT Tiruchirappalli	Educational Institute	28-03-2020 00:00:00	28-03-2020 00:00:00	1	2	0	2	No	---	---	No	No

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

440	One Day Hands on Workshop on Soft Computing & Technologies for Power Electronic Converters	Innovation	Workshop	Sri Ramakrishna Institute of Technology Coimbatore	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	2	0	2	No	---	---	No	No
441	CIVILISATION	Innovation	Workshop	College of Engineering Guindy Anna University Chennai	Educational Institute	05-03-2020 00:00:00	05-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
442	FLIGHT	Innovation	Workshop	Madras Institute of Technology Anna University Chennai	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	4	0	4	No	---	---	No	No
443	One day Workshop	Innovation	Workshop	SA Engineering College Chennai	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	4	0	4	No	---	---	No	No
444	Yugam Automotive technology	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	02-03-2020 00:00:00	02-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
445	Arduobots	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	03-03-2020 00:00:00	03-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
446	TECHUT SAV	Innovation	Workshop	Thiagarajar College of Engineering Madurai	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
447	Yugam Autonomous Vehicle	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	4	0	4	No	---	---	No	No

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

448	Electric and Hybrid Electric Vehicle Engineering	Innovation	Workshop	Kumaraguru College of Technology Coimbatore	Educational Institute	02-03-2020 00:00:00	02-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
449	Nexus 2K20Nexus	Innovation	Workshop	Kongu Engineering College Erode	Educational Institute	05-03-2020 00:00:00	05-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
450	FEST O COMM	Innovation	Workshop	M Kumaramy College of Engineering (Autonomous) Karur	Educational Institute	09-03-2020 00:00:00	09-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
451	ABLAZE	Innovation	Workshop	KSR College of Engineering Tiruchengode	Educational Institute	10-03-2020 00:00:00	10-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
452	National Level Technical Workshop Hands on Sessions on PLC Based Industrial Drives	Innovation	Workshop	Sri Ramakrishna Engineering College Coimbatore	Educational Institute	10-03-2020 00:00:00	10-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
453	CODERS ASYLUM	Innovation	Workshop	Madha Engineering College Chennai	Educational Institute	12-03-2020 00:00:00	12-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
454	VIHAAN	Innovation	Workshop	Nehru Institute of Engineering and Technology Coimbatore	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	3	0	3	No	---	---	No	No
455	DEXBOT	Innovation	Workshop	Madras Institute of Technology Anna University Chennai	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	4	0	4	No	---	---	No	No

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

456	Drone Workshop	Innovation	Workshop	Sri Ramakrishna Engineering College Coimbatore	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	4	0	4	No	---	---	No	No
457	National Workshop on Rapid Manufacturing Processes	Innovation	Workshop	PSG College of Technology Coimbatore	Educational Institute	28-03-2020 00:00:00	28-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
458	Artificial Intelligence	Innovation	Workshop	NGCS Chennai	Educational Institute	15-03-2020 00:00:00	15-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
459	Altanzia	Innovation	Workshop	National Engineering College Kovilpatti Kovilpatti	Educational Institute	20-02-2020 00:00:00	20-02-2020 00:00:00	1	6	0	6	No	---	---	No	No
460	Two days workshop on site supervision Training	Innovation	Workshop	As-Salam College of Engineering and Technology Kumbakonam	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	6	0	6	No	---	---	No	No
461	One-Day Workshop on Precast Structures - Opportunities and Challenges in India	Innovation	Workshop	VIT University Chennai Campus Chennai	Educational Institute	09-03-2020 00:00:00	09-03-2020 00:00:00	1	6	0	6	No	---	---	No	No
462	CONCRETUS	Innovation	Workshop	SRM Institute of Science and Technology Kattankulathur Campus Chennai	Educational Institute	20-02-2020 00:00:00	20-02-2020 00:00:00	1	2	0	2	No	---	---	No	No

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

463	Ethical Hacking Workshop	Innovation	Workshop	Government College of Technology Coimbatore Coimbatore	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	4	0	4	No	---	---	No	No
464	CAD CONTEST	Innovation	Workshop	SNS College of Technology Coimbatore	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	4	0	4	No	---	---	No	No
465	AMPFEST	Innovation	Workshop	Francis Xavier Engineering College Tirunelveli	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	3	0	3	No	---	---	No	No
466	Quantum	Innovation	Workshop	Sona College of Technology Salem	Educational Institute	18-02-2020 00:00:00	18-02-2020 00:00:00	1	4	0	4	No	---	---	No	No

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	DESIGN AND DRAFTING OF STRUCTURES BY AUTOCAD	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	08-07-2019	27-07-2019	20	Offline	20	40
2	ADVANCE AUTOCAD FOR CIVIL ENGINEERS	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	05-08-2019	24-08-2019	20	Offline	20	40
3	3D BUILDING DESIGN USING REVIT ARCHITECTURE	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	09-09-2019	28-09-2019	20	Offline	20	40
4	3D EXTERIOR AND INTERIOR MODELLING USING SKETCHUP	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	06-01-2020	25-01-2020	20	Offline	25	40
5	DETAILING OF STEEL STRUCTURES BY TEKLA	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	03-02-2020	22-02-2020	20	Offline	25	40
6	HARDWARE and NETWORKING	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	08-07-2019	27-07-2019	20	Offline	25	30
7	WEB APPLICATION DEVELOPMENT	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	06-01-2020	25-01-2020	20	Offline	25	30

8	PEGA CSSA	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	03-02-2020	22-02-2020	20	Offline	30	45
9	ETHICAL HACKING	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	05-08-2019	24-08-2019	20	Offline	30	30
10	FULL STACK DEVELOPMENT	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	09-09-2019	18-10-2019	40	Offline	30	40
11	HANDS ON TRAINING IN SIMULATION OF ANTENNA USING ANSYS HFSS	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engineering	08-07-2019	27-07-2019	20	Offline	25	40
12	SIMULATION OF ELECTRONIC CIRCUITS USING MATLAB	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engineering	06-01-2020	25-01-2020	20	Offline	25	30
13	JAVA and ADVANCED C	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engineering	09-09-2019	28-09-2019	20	Offline	20	45
14	DESIGN and DEVELOPMENT OF IOT PRODUCTS	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engineering	05-08-2019	24-08-2019	20	Offline	25	40
15	HANDS ON TRAINING IN EMBEDDED SYSTEM	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engineering	03-02-2020	22-02-2020	20	Offline	25	45
16	PRODUCT LIFECYCLE MANAGEMENT	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering	08-07-2019	27-07-2019	20	Offline	25	45
17	ANSYS	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering	09-09-2019	28-09-2019	20	Offline	25	40
18	NX CAM	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering	06-01-2020	25-01-2020	20	Offline	25	30
19	NX CAD	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering	03-02-2020	22-02-2020	20	Offline	20	40
20	SOLID WORKS	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering	05-08-2019	24-08-2019	20	Offline	20	36
21	CATIA	Innovation	Short term Course	Short Term Certificate Course	Mechatronics	08-07-2019	27-07-2019	20	Offline	25	36
22	KUKA ROBOTICS	Innovation	Short term Course	Short Term Certificate Course	Mechatronics	09-09-2019	28-09-2019	20	Offline	25	40
23	PROGRAMMABLE LOGIC CONTROLLER	Innovation	Short term Course	Short Term Certificate Course	Mechatronics	06-01-2020	25-01-2020	20	Offline	20	30
24	C AND EMBEDDED C	Innovation	Short term Course	Short Term Certificate Course	Mechatronics	03-02-2020	22-02-2020	20	Offline	20	36

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	TOOLING IMPROVEMENT	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering and Allied	03-02-2020	07-02-2020	5	Offline	23	30
2	Electric car charging	Entrepreneurship/Startup	Employment Generation Training Programs	Electrical Engineering and Allied	21-10-2019	25-10-2019	5	Offline	20	30
3	Automation using IoT	Innovation	Employment Generation Training Programs	Electrical Engineering and Allied	25-11-2019	30-11-2019	6	Offline	25	36
4	Controlling of machine using IoT	Entrepreneurship/Startup	Employment Generation Training Programs	Electrical Engineering and Allied	10-12-2019	14-12-2019	5	Offline	30	30
5	Robotics	Innovation	Employment Generation Training Programs	Electrical Engineering and Allied	16-12-2019	21-12-2019	6	Offline	25	36
6	Hybrid Energy Creation	Entrepreneurship/Startup	Employment Generation Training Programs	Electrical Engineering and Allied	06-01-2020	11-01-2020	6	Offline	25	30
7	End to End Process of Manufacturing	Innovation	Employment Generation Training Programs	Mechanical Engineering and Allied	04-11-2019	09-11-2019	6	Offline	20	30
8	TQM Excellence	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering and Allied	06-01-2020	10-01-2020	5	Offline	25	30
9	New Project trails and development in ASP	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering and Allied	23-12-2019	28-12-2019	6	Offline	25	30
10	Artificial Intelligence	Innovation	Employment Generation Training Programs	Computer and IT Engineering and Allied	19-11-2019	23-11-2019	5	Offline	30	30
11	Natural Language Processing	Innovation	Employment Generation Training Programs	Computer and IT Engineering and Allied	17-12-2019	21-12-2019	5	Offline	25	30
12	Pega Systems	Innovation	Employment Generation Training Programs	Computer and IT Engineering and Allied	02-09-2019	06-09-2019	5	Offline	25	30
13	Process Automation	Entrepreneurship/Startup	Employment Generation Training Programs	Computer and IT Engineering and Allied	09-09-2019	13-09-2019	5	Offline	25	30
14	Internet of Things	Innovation	Employment Generation Training Programs	Computer and IT Engineering and Allied	05-08-2019	09-08-2019	5	Offline	30	30
15	Artificial Intelligence	Innovation	Employment Generation Training Programs	Computer and IT Engineering and Allied	16-07-2019	20-07-2019	5	Offline	30	30
16	Mobile App Development	Entrepreneurship/Startup	Employment Generation Training Programs	Computer and IT Engineering and Allied	02-07-2019	06-07-2019	5	Offline	30	30
17	COST and CYCLE TIME REDUCTION IN CNC MACHINING	Innovation	Employment Generation Training Programs	Mechanical Engineering and Allied	30-12-2019	04-01-2020	6	Offline	30	30

18	IoT Product Development	Entrepreneurship/Startup	Employment Generation Training Programs	Electronics Engineering and Allied	04-03-2019	08-03-2019	5	Offline	25	30
19	IoT Framework	Innovation	Employment Generation Training Programs	Electronics Engineering and Allied	23-09-2019	07-10-2019	15	Offline	30	50
20	AI application	Innovation	Employment Generation Training Programs	Electronics Engineering and Allied	25-11-2019	06-12-2019	12	Offline	30	45
21	TESSENT TOOLS	Innovation	Employment Generation Training Programs	Electronics Engineering and Allied	09-09-2019	20-09-2019	12	Offline	25	40
22	5G	Innovation	Employment Generation Training Programs	Electronics Engineering and Allied	11-11-2019	22-11-2019	12	Offline	25	40
23	ELECTRICAL VECHILE	Innovation	Employment Generation Training Programs	Electronics Engineering and Allied	16-09-2019	27-09-2019	12	Offline	25	40

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				
				Highest degree name in I&E and IPR	Degree Type	Year of Highest degree in I&E and IPR	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type
1	Dr. M. Malathi	Electronics and Communication Engineering	Associate Professor	PhD	PhD	2018	Yes				
				Internet Of Things	Innovation	Short term Certificate	NITTR, Chennai	Educational Institute	15-04-2020 00:00:00	19-04-2020 00:00:00	5
2	Mr. J. Eric clapton	Electronics and Communication Engineering	Assistant Professor	No			Yes				
				Internet Of Things	Innovation	Short term Certificate	NITTR, Chennai	Educational Institute	15-04-2020 00:00:00	19-04-2020 00:00:00	5
3	Mr. A. Sivabalan	Electronics and Communication Engineering	Assistant Professor	No			Yes				
				Low Power VLSI Design	Innovation	Short term Certificate	NITTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5
4	Mr. A.Senthilkumar	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)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
5	Mrs. R. Pandimeena	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
6	Mr. N. Murugan	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
7	Mr. K. Kirubasankar	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)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
8	Dr. R. Dhanagopal	Electronics and Communication Engineering	Associate Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2018				
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	
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
9	Ms. R.Ashlin Jinusha	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
10	Ms. A. Suriya	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online

11	Ms. J. Krithiga	Electronics and Communication Engineering	Assistant Professor		No		Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Low Power VLSI Design	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online	
12	Dr. R. Menaka	Electronics and Communication Engineering	Associate Professor		Highest degree name in I&E and IPR	PhD		Yes		
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2018				
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		
Neural Network and CNN	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online		
13	Ms. S. Bhuvaneswari	Electronics and Communication Engineering	Assistant Professor		No		Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Neural Network and CNN	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online	
14	Ms. N. Archana	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)	Mode of Delivery	
	Image and Embedded Processing	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online	
15	Ms. J. Poornima	Electronics and Communication Engineering	Assistant Professor		No		Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Image and Embedded Processing	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online	
16	Ms. A. Tamil selvi	Electronics and Communication Engineering	Assistant Professor		No		Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Neural Network and CNN	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online	
17	Mr. T. Sampath	Electronics and Communication Engineering	Assistant Professor		No		Yes			

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Image and Embedded Processing	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
18	Mr. K. Praveen	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)	Mode of Delivery
	Image and Embedded Processing	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
19	Mr. Kannan G K	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Manufacturing as a service	Innovation	Short term Certificate	Accenture Solution, Chennai	Non-Govt. Agencies	14-10-2019 00:00:00	17-10-2019 00:00:00	4	Offline
20	Mr. S. Senthil Kumar	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Networking	Innovation	Short term Certificate	D Link India Ltd	Non-Govt. Agencies	16-12-2019 00:00:00	21-12-2019 00:00:00	6	Offline
21	Dr. B.R. Ramesh Babu	Mechanical Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2005				
	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
	Electric Vehicle Technology (IEEE)	Innovation	Short term Certificate	Thiagarajar College of Engineering, Madurai	Educational Institute	06-05-2020 00:00:00	09-05-2020 00:00:00	4	Online
22	Dr. V. Dhinakaran	Mechanical Engineering	Associate professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2017				
	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
	Computer Aided Design and Manufacturing (CAD/CAM)	Innovation	Short term Certificate	NITTTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online

23	Dr. A. Dhanasekaran	Mechanical Engineering	Associate professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2017				
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
Computer Aided Design and Manufacturing (CAD/CAM)		Innovation	Short term Certificate	NITTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
24	Dr. R. Ravinder	Mechanical Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2016				
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
Electric Vehicle Technology (IEEE)		Innovation	Short term Certificate	Thiagarajar College of Engineering , Madurai	Educational Institute	06-05-2020 00:00:00	09-05-2020 00:00:00	4	Online
25	Dr. P. Gurusamy	Mechanical Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2014				
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
Computer Aided Design and Manufacturing (CAD/CAM) (ICTO-25)		Innovation	Short term Certificate	NITTR, Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
26	Dr. S. Ravi	Mechanical Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
				Year of Highest degree in I&E and IPR	2012				
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
Computer Integrated Manufacturing and CNC		Innovation	Short term Certificate	NITTR Chennai	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online

27	Dr. S. Rajarasalanth	Mechanical Engineering	Associate professor	Highest degree name in I&E and IPR	PhD	Yes																					
				Degree Type	PhD																						
				Year of Highest degree in I&E and IPR	2017																						
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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																			
Computer Integrated Manufacturing and CNC	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online																			
28	Dr. D. Vijayaganapathy	Mechanical Engineering	Associate professor	Highest degree name in I&E and IPR	PhD	Yes																					
				Degree Type	PhD																						
				Year of Highest degree in I&E and IPR	2016																						
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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																			
Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online																			
29	Dr. P. Kannan	Mechanical Engineering	Associate professor	Highest degree name in I&E and IPR	PhD	Yes																					
				Degree Type	PhD																						
				Year of Highest degree in I&E and IPR	2017																						
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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																			
Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online																			
30	Mr. M.D.Vijayakumar	Mechanical Engineering	Associate professor	No		Yes																					
				<table border="1"> <thead> <tr> <th>Training Name</th> <th>Training Theme</th> <th>Type of Course</th> <th>Training Agency Name</th> <th>Training Agency Type</th> <th>Training Start Date</th> <th>Training End Date</th> <th>Training Duration (in Days)</th> <th>Mode of Delivery</th> </tr> </thead> <tbody> <tr> <td>Computer Aided Design and Manufacturing CAD/CAM</td> <td>Innovation</td> <td>Short term Certificate</td> <td>NITTR Chennai</td> <td>Educational Institute</td> <td>27-04-2020 00:00:00</td> <td>01-05-2020 00:00:00</td> <td>5</td> <td>Online</td> </tr> </tbody> </table>										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	Computer Aided Design and Manufacturing CAD/CAM	Innovation	Short term Certificate	NITTR Chennai	Educational Institute
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																			
Computer Aided Design and Manufacturing CAD/CAM	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online																			
31	Mr. P.Prince Packiaraj	Mechanical Engineering	Associate professor	No		Yes																					
				<table border="1"> <thead> <tr> <th>Training Name</th> <th>Training Theme</th> <th>Type of Course</th> <th>Training Agency Name</th> <th>Training Agency Type</th> <th>Training Start Date</th> <th>Training End Date</th> <th>Training Duration (in Days)</th> <th>Mode of Delivery</th> </tr> </thead> <tbody> <tr> <td>The future of education, employment and entrepreneurship</td> <td>Entrepreneurship/Startup</td> <td>FDP in I&E, IPR</td> <td>ICT Academy</td> <td>Govt. Agency (Central)</td> <td>04-05-2020 00:00:00</td> <td>08-05-2020 00:00:00</td> <td>5</td> <td>Online</td> </tr> </tbody> </table>										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	The future of education, employment and entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)
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The future of education, employment and entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online																			

32	Mr. K. Karthikeyan	Mechanical 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)	Mode of Delivery
	The future of education, employment and Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online
33	Mr. P. Muthuraman	Mechanical 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)	Mode of Delivery
	Emerging technologies in robotics	Innovation	Short term Certificate	Malla Reddy Engineering College, Telangana	Educational Institute	26-05-2020 00:00:00	30-05-2020 00:00:00	5	Online
34	Mr. A. Suresh	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	The future of education, employment and Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online
35	Mr. R.Deepak Suresh Kumar	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Electric Vehicle Technology	Innovation	Short term Certificate	Thiagarajar College of Engineering Madurai	Educational Institute	06-05-2020 00:00:00	09-05-2020 00:00:00	4	Online
36	Mr. S.Sivaraj	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Quantum and Energy Materials Potential and Applications	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
37	Mr. P. Subash	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Computer Aided Design and Manufacturing CAD CAM	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
38	Mr. D. Raghuram	Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
39	Mr. P.Thirumal	Mechanical Engineering	Assistant Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Green manufacturing The Present and the Future	Innovation	Short term Certificate	Santhiram Engineering College, Nandyal	Educational Institute	14-05-2020 00:00:00	20-05-2020 00:00:00	7	Online
40	Mr. B.Krishna kumar	Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Computer Integrated Manufacturing and CNC	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online
41	Mr. R. Kishore	Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	The future of education, employment and Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online
42	Dr. A.Srinivasan	Mechatronics		Professor				Yes	
						Highest degree name in I&E and IPR	PhD		
						Degree Type	PhD		
						Year of Highest degree in I&E and IPR	2015		
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	
	Electric Vehicle Technology	Innovation	Short term Certificate	Thiagarajar College of Engineering, Madurai	Educational Institute	06-05-2020 00:00:00	09-05-2020 00:00:00	4	Online
43	Dr. C.Ezhilarasan	Mechatronics		Professor				Yes	
						Highest degree name in I&E and IPR	PhD		
						Degree Type	PhD		
						Year of Highest degree in I&E and IPR	2013		
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	
	Emerging technologies in robotics	Innovation	Short term Certificate	Malla Reddy Engineering College, Telangana	Educational Institute	26-05-2020 00:00:00	30-05-2020 00:00:00	5	Online

44	Dr. R.Soloman Roach	Mechatronics	Associate Professor	Highest degree name in I&E and IPR	PhD	Yes																		
				Degree Type	PhD																			
Year of Highest degree in I&E and IPR	2019																							
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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																
Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online																
45	Dr. R.M. Bommi	Mechatronics	Associate Professor	Highest degree name in I&E and IPR	PhD	Yes																		
				Degree Type	PhD																			
Year of Highest degree in I&E and IPR	2019																							
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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																
Insights into cutting Edge Technologies	Innovation	Short term Certificate	RMD Engineering College, Chennai	Educational Institute	16-06-2020 00:00:00	20-06-2020 00:00:00	5	Online																
46	Mr. J.Robin Yogaraj	Mechatronics	Assistant Professor	No		Yes																		
				Yes																				
<table border="1"> <thead> <tr> <th>Training Name</th> <th>Training Theme</th> <th>Type of Course</th> <th>Training Agency Name</th> <th>Training Agency Type</th> <th>Training Start Date</th> <th>Training End Date</th> <th>Training Duration (in Days)</th> <th>Mode of Delivery</th> </tr> </thead> <tbody> <tr> <td>Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering</td> <td>Innovation</td> <td>Short term Certificate</td> <td>QIS COLLEGE OF ENGINEERING AND TECHNOLOGY,</td> <td>Educational Institute</td> <td>03-06-2020 00:00:00</td> <td>07-06-2020 00:00:00</td> <td>5</td> <td>Online</td> </tr> </tbody> </table>							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	Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	Innovation	Short term Certificate	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY,	Educational Institute	03-06-2020 00:00:00	07-06-2020 00:00:00	5	Online
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																
Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	Innovation	Short term Certificate	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY,	Educational Institute	03-06-2020 00:00:00	07-06-2020 00:00:00	5	Online																
47	Mr. D.Dinesh	Mechatronics	Assistant Professor	No		Yes																		
				Yes																				
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Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering	Innovation	Short term Certificate	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY	Educational Institute	03-06-2020 00:00:00	07-06-2020 00:00:00	5	Online																
48	Mr. P.Shanmugaselvam	Mechatronics	Assistant Professor	No		Yes																		
				Yes																				
<table border="1"> <thead> <tr> <th>Training Name</th> <th>Training Theme</th> <th>Type of Course</th> <th>Training Agency Name</th> <th>Training Agency Type</th> <th>Training Start Date</th> <th>Training End Date</th> <th>Training Duration (in Days)</th> <th>Mode of Delivery</th> </tr> </thead> <tbody> <tr> <td>Strategic Planning for Entrepreneurship Promotion</td> <td>Entrepreneurship/Startup</td> <td>FDP in I&E, IPR</td> <td>ICT Academy</td> <td>Educational Institute</td> <td>04-05-2020 00:00:00</td> <td>08-05-2020 00:00:00</td> <td>5</td> <td>Online</td> </tr> </tbody> </table>							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	Strategic Planning for Entrepreneurship Promotion	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Educational Institute	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online
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																
Strategic Planning for Entrepreneurship Promotion	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Educational Institute	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online																
49	Mr. T.Vinoth	Mechatronics	Assistant Professor	No		Yes																		

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Low power VLSI Design	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
50	Mr. G.Karthick	Mechatronics		Assistant professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Preincubation for budding entrepreneurs and startups	Entrepreneurship/Startup	FDP in I&E, IPR	St.Peters Institute of Higher Education and Research, Chennai	Educational Institute	03-06-2020 00:00:00	06-06-2020 00:00:00	4	Online
51	Mr. A.Kannappan	Mechatronics		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Mechatronics, Introduction, Modelling, Simulation and Research	Innovation	Short term Certificate	Chennai Institute of Technology Chennai	Educational Institute	06-07-2020 00:00:00	10-07-2020 00:00:00	5	Online
52	Dr. L. Iyappan	Civil Engineering		Professor				Yes	
						Highest degree name in I&E and IPR	PhD		
						Degree Type	PhD		
						Year of Highest degree in I&E and IPR	2017		
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	
	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-Vehicles	Innovation	FDP in I&E, IPR	Bapatla Engineering College, Bapatla	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
53	Dr. B. Anuradha	Civil Engineering		Professor				Yes	
						Highest degree name in I&E and IPR	PhD		
						Degree Type	PhD		
						Year of Highest degree in I&E and IPR	2009		
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	
	Climate Change, Disaster and Pandemic Management: Technological Interventions for Sustainable Development	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online

54	Dr. P. Partheeban	Civil Engineering	Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2003</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2003	Yes																
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55	Mr. K. JeganMohan	Civil Engineering	Assistant Professor	No		Yes																						
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56	Mr. C.Hariharasudhan	Civil Engineering	Assistant Professor	No		Yes																						
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Internet of Things (ATAL)	Innovation	Short term Certificate	NIT Nagaland	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online																				
57	Mr. E.Palanikumar	Civil Engineering	Assistant Professor	No		Yes																						
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58	Ms. Y.J.Breetha	Civil Engineering	Assistant Professor	No		Yes																						
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Internet of Things (ATAL)	Innovation	Short term Certificate	NIT Nagaland	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online																				
59	Ms. Preethi N Rajan	Civil Engineering	Assistant Professor	No		Yes																						
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Climate Change, Disaster and Pandemic Management: Technological Interventions for Sustainable Development	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online																				

60	Ms. B.Pavithra	Civil Engineering	Assistant Professor	No	Yes									
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery					
	Climate change, disaster and pandemic management: technological interventions for sustainable development	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online					
61	Mr. M.Mohanasundaram	Civil Engineering	Assistant Professor	No	Yes									
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery					
	Climate change, disaster and pandemic management: technological interventions for sustainable development	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online					
62	Dr. K.Somasundaram	Computer Science and Engineering	Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2009	Yes		
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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						
Data Science Using Python	Innovation	Short term Certificate	Lakireddy Bali Reddy College of Engineering	Educational Institute	15-05-2020 00:00:00	24-05-2020 00:00:00	10	Online						
63	Dr. R.Janarthanan	Computer Science and Engineering	Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2018</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2018	Yes		
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	Degree Type	PhD												
Year of Highest degree in I&E and IPR	2018													
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						
Internet of Things	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	15-04-2020 00:00:00	19-04-2020 00:00:00	5	Online						
64	Dr. B.Muthu Kumar	Computer Science and Engineering	Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2013	Yes		
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	Degree Type	PhD												
Year of Highest degree in I&E and IPR	2013													

	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				
	Declarative development for platform App Builders	Innovation	Short term Certificate	East Point College of Engineering and Technology	Educational Institute	05-08-2019 00:00:00	09-08-2019 00:00:00	5	Offline				
65	Dr. T. Joshvadevadas	Computer Science and Engineering	Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2008</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2008	Yes	
	Highest degree name in I&E and IPR	PhD											
Degree Type	PhD												
Year of Highest degree in I&E and IPR	2008												
	Data Science and Big Data Analytics	Innovation	Short term Certificate	ICT Academy	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	Offline				
66	Dr. B.Sundarambal	Computer Science and Engineering	Associate Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2018</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2018	Yes	
	Highest degree name in I&E and IPR	PhD											
Degree Type	PhD												
Year of Highest degree in I&E and IPR	2018												
	Neural Network and CNN	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online				
67	Dr. B. Dhanalakshmi	Computer Science and Engineering	Associate Professor	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </table>		Highest degree name in I&E and IPR	PhD	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019	Yes	
	Highest degree name in I&E and IPR	PhD											
Degree Type	PhD												
Year of Highest degree in I&E and IPR	2019												
	Python Programming	Innovation	Short term Certificate	ICT Academy	Educational Institute	26-08-2019 00:00:00	30-08-2019 00:00:00	5	Offline				
68	Mr. R.Ramesh	Computer Science and Engineering	Assistant Professor	No		Yes							
	Software Defined Networks.	Innovation	Short term Certificate	SONA College of Technology	Educational Institute	18-11-2019 00:00:00	01-12-2019 00:00:00	14	Offline				

69	Mr. R.Ramgopal	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Neural Network and CNN	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
70	Mr. G.Senthil Kumar	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Data science Using R	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online
71	Ms. V.Vimala	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Software Defined Networks	Innovation	Short term Certificate	Sona College of Engineering	Educational Institute	18-11-2019 00:00:00	01-12-2019 00:00:00	14	Offline
72	Mr. Dennise Mathew	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Application of Soft Computing Techniques to Power Quality and Energy Conservation Issues in Renewable Energy Systems	Innovation	Short term Certificate	PSNA College of Engineering and Technology, Dindugal	Educational Institute	04-11-2019 00:00:00	17-11-2019 00:00:00	14	Offline
73	Ms. S.Pavithra	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Application of Soft Computing Techniques to Power Quality and Energy Conservation Issues in Renewable Energy Systems	Innovation	Short term Certificate	PSNA College of Engineering and Technology	Educational Institute	04-11-2019 00:00:00	17-11-2019 00:00:00	14	Offline
74	Mr. K.Madhavan	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Application of Soft Computing Techniqus to Power Quality and Energy Conservation Issues in Renewable Energy Systems.	Innovation	Short term Certificate	PSNA College of Engineering and Technology	Educational Institute	04-11-2019 00:00:00	17-11-2019 00:00:00	14	Offline
75	Ms. K.Nisha	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Internet Of Things	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	15-04-2020 00:00:00	19-04-2020 00:00:00	5	Online

76	Mr. S.Senthil Kumar	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
77	Ms. C.Rajeswari	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Internet of Things	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	15-04-2020 00:00:00	19-04-2020 00:00:00	5	Online
78	Ms. A.Vijayalakshmi	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovations and Research Challenges in IoT Applications for Smart Manufacturing and Smart Design.	Innovation	Short term Certificate	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline
79	Ms. A.Annapoorani	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	DATA SCIENCE	Innovation	Short term Certificate	ATAL CDAC	Educational Institute	18-11-2019 00:00:00	22-11-2019 00:00:00	5	Offline
80	Mr. K.Manikanda Prabhu	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	he future of education, employment and Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	ICT Academy	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online
81	Ms. S.Mahalakshmi	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Application of Soft Computing Techniqus to Power Quality and Energy Conservation Issues in Renewable Energy Systems.	Innovation	Short term Certificate	PSNA College of Engineering and Technology	Educational Institute	04-11-2019 00:00:00	17-11-2019 00:00:00	14	Offline
82	Mr. S.Rajesh kannan	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Adroit Thinking Concept, Methods and Practice	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
83	Mr. N.Chellapandi	Computer Science and Engineering	Assistant Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
84	Mr. N.Chellapandi	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
85	Mr. N.Chellapandi	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Preincubation for budding entrepreneurs and startups	Entrepreneurship/Startup	Short term Certificate	St Peters Institute of Higher Education and Research, Chennai	Educational Institute	03-06-2020 00:00:00	06-06-2020 00:00:00	4	Online
86	Ms. Lingammal Priyadharshini	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovations and Research Challenges in IoT Applications for Smart Manufacturing and Smart Design	Innovation	Short term Certificate	Sri Ramakrishna Engineering College	Educational Institute	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline
87	Mr. N.Kandavel	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovations and Research Challenges in IoT Applications for Smart Manufacturing and Smart Design.	Innovation	Short term Certificate	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline
88	Dr. A.Prasina	Electrical and Electronics Engineering		Professor				Yes	
	Highest degree name in I&E and IPR	PhD							
	Degree Type	PhD							
	Year of Highest degree in I&E and IPR	2013							
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	
-	Innovation	Short term Certificate	BAPATLA ENGINEERING COLLEGE, GUNTUR	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Offline	

89	Dr. M.Ettappan	Electrical and Electronics Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2013								
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
Renewable energy systems		Innovation	Short term Certificate	Panimalar Institute of Technology, Chennai	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Offline
90	Dr. A.Vanisri	Electrical and Electronics Engineering	Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2014								
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
Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E vehicles-online		Innovation	Short term Certificate	Bapatla Engineering College, Bapatla	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
91	Dr. J.Vishnupriyan	Electrical and Electronics Engineering	Assistant Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2019								
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
Preincubation for budding entrepreneurs and startups		Entrepreneurship/Startup	Short term Certificate	St. Peters Institute of Higher Education and Research	Educational Institute	03-06-2020 00:00:00	06-06-2020 00:00:00	4	Online
92	Mr. M.Ezhilmaran	Electrical and Electronics Engineering	Assistant Professor	No		Yes			
				No					
Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type		Training Start Date	Training End Date	Training Duration (in Days)
Research Challenges and Innovations in Renewable Energy Systems		Innovation	Short term Certificate	Panimalar Institute of Technology	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
93	Mr. G.Keerthi Vijayadhasan	Electrical and Electronics Engineering	Assistant Professor	No		Yes			

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
94	Mr. G.Keerthi Vijayadhasan	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Role of IoT, Embedded, Electric Vehicle and Power Electronic Converters for Smart World	Innovation	Short term Certificate	St.Joseph's College of Engineering Chennai	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
95	Mr. R.Raghuraman	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Electric Vehicle Technology	Innovation	Short term Certificate	Thiagarajar College of Engineering Madurai	Educational Institute	06-05-2020 00:00:00	09-05-2020 00:00:00	4	Online
96	Mr. S.Krishnan	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E vehicles	Innovation	Short term Certificate	Bapatla Engineering College, Bapatla	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
97	Mr. N.Ravikumar	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Artificial Intelligence and Machine Learning	Innovation	Short term Certificate	CRM Technical Campus, Hyderabad	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
98	Ms. A.Renuka devi	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Role of IoT, Embedded electric vehicle and Power electronic converters for smart world	Innovation	Short term Certificate	St. Joseph's college of engineering, Chennai	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
99	Ms. V. Preetha	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Renewable energy systems	Innovation	Short term Certificate	Panimalar Institute of Technology, Chennai	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
100	Mr. S.Vinothkumar	Electrical and Electronics Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Preincubation for budding entrepreneurs and startups	Entrepreneurship/Startup	Short term Certificate	St. Peters Institute of Higher Education and Research, Chennai	Educational Institute	03-06-2020 00:00:00	06-06-2020 00:00:00	4	Online
101	Dr. R.Balamurali	Electronics and Communication Engineering	Associate Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2019								
	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
	Low Power VLSI Design	Innovation	Short term Certificate	NITTR Chennai	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
102	Dr. O.S.Rajamohan	Physics	Assistant Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2020								
	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
	Quantum and Energy Materials Potential and Applications	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
103	Dr. S.Poovaragan	Chemistry	Assistant Professor	Highest degree name in I&E and IPR	PhD	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2019								
	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
	Quantum and Energy Materials Potential and Applications	Innovation	Short term Certificate	NITTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online
104	Ms. D.S.Anuradha	Mathematics	Assistant Professor	Highest degree name in I&E and IPR	M Phil	Yes			
				Degree Type	PG				
Year of Highest degree in I&E and IPR	2019								

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
Quantum and Energy Materials Potential and Applications	Innovation	Short term Certificate	NITTTR Chandigarh	Educational Institute	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online

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	SAE Colligative club	Innovation Club	2012	Co-working Space	Pre-Incubation Unit	2	Aadarsh	adarsha@citchennai.net	8124562385
2	Robotics club	Idea Club	2017	Work Stations	Centre of Excellence with Advance Tools	2	Vaishnavraja	Vaishnavaraaja@citchennai.net	7598289531
3	Green Club	Startup Club	2019	None	No Such Facilities Exist in the Campus	2	sriram	sriram@citchennai.net	9677204316
4	IEEE Chapter	Idea Club	2017	None	No Such Facilities Exist in the Campus	2	Ganesh.M	ganeshm@citchennai.net	9500671879
5	COMPUTER SOCIETY OF INDIA	Idea Club	2014	None	No Such Facilities Exist in the Campus	2	Saranya	saranya@citchennai.net	9940582348

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	Chennai Institute Innovation and Incubation Council	Startup Cell	2019	Co-working Space	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. prakadesh Subramanian</td> </tr> <tr> <td>Facility Incharge Email</td> <td>prakadesh@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8778936501</td> </tr> </table>	Facility Incharge Name	Mr. prakadesh Subramanian	Facility Incharge Email	prakadesh@citchennai.net	Facility Incharge Phone	8778936501	1	Yes	No	Yes
Facility Incharge Name	Mr. prakadesh Subramanian																
Facility Incharge Email	prakadesh@citchennai.net																
Facility Incharge Phone	8778936501																
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			CIT			Educational Institute			250000								

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	Centre of Excellence Industrial Automation and Robotics	2017	Student Clubs		Facility Incharge Name	1	No	No	Yes	
					G.KAR THICK					
					Facility Incharge Email					karthickg@cit chennai.net
					Facility Incharge Phone					97892 52630
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		-		Educational Institute		13007378				
2	Centre of Excellence 3D Printing and Reverse Engineering	2017	Pre-Incubation		Facility Incharge Name	1	No	No	Yes	
					A.Suresh					
					Facility Incharge Email					suresha@citc hennai.net
					Facility Incharge Phone					95142 83084
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		-		Educational Institute		922063				
3	Centre of Excellence KUKA Industrial Robotics	2013	Student Clubs		Facility Incharge Name	1	No	No	Yes	
					KISHORE R					
					Facility Incharge Email					kishore ravi@cit chennai.net
					Facility Incharge Phone					08608 43406 3
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		-		Educational Institute		8400000				

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

4	Centre of Excellence NC Machines	2016	Pre-Incubation		Facility Incharge Name	Dr.Dhana sekar	1	No	No	Yes
					Facility Incharge Email	dhans05@yahoo.com				
					Facility Incharge Phone	9444232017				
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		-			Educational Institute		8500000			
5	Centre of Excellence New Renewable Energy	2017	Pre-Incubation		Facility Incharge Name	Dr.Vincent Joseph K L	1	No	No	Yes
					Facility Incharge Email	vincentjosephkl@citchennai.net				
					Facility Incharge Phone	09789508524				
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		-			Educational Institute		13769065			
6	Centre of Excellence University Academia Program For PEGA	2017	Innovation Labs		Facility Incharge Name	S.SENTHIL	1	No	No	Yes
					Facility Incharge Email	senthil@citchennai.net				
					Facility Incharge Phone	971027525				
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		-			Educational Institute		3500000			

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

7	Centre of Excellence Design and Digital Manufacturing	2017	Student Clubs		Facility Incharge Name	Deepa k suresh kumar	1	No	No	Yes
					Facility Incharge Email	deepa ksures hkumar r@citchennai.net				
					Facility Incharge Phone	97911 03924				
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		-			Educational Institute		6500000			
8	Centre of Excellence Applied Research RANE NSK	2018	Innovation Labs		Facility Incharge Name	Dr.V.D hinakaran	1	No	No	Yes
					Facility Incharge Email	dhinak aranv @citchennai.net				
					Facility Incharge Phone	90805 91216				
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		-			Educational Institute		200000			
9	Centre of Excellence for IOT	2018	Pre-Incubation		Facility Incharge Name	Mr.Ma heswaran G	1	No	No	Yes
					Facility Incharge Email	Mahes waran g@citchennai.net				
					Facility Incharge Phone	99622 91591				
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		-			Educational Institute		2500000			

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

10	Centre For Nanotechnology	2019	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Dhinakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dhinakaran@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9080591216</td> </tr> </table>	Facility Incharge Name	Dr.Dhinakaran	Facility Incharge Email	dhinakaran@citchennai.net	Facility Incharge Phone	9080591216	1	No	No	Yes
Facility Incharge Name	Dr.Dhinakaran														
Facility Incharge Email	dhinakaran@citchennai.net														
Facility Incharge Phone	9080591216														
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		-			Educational Institute		100000								
11	Centre for CISCO Networking	2017	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.Senthil</td> </tr> <tr> <td>Facility Incharge Email</td> <td>senthil@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841489430</td> </tr> </table>	Facility Incharge Name	Mr.Senthil	Facility Incharge Email	senthil@citchennai.net	Facility Incharge Phone	9841489430	1	No	No	Yes
Facility Incharge Name	Mr.Senthil														
Facility Incharge Email	senthil@citchennai.net														
Facility Incharge Phone	9841489430														
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		-			Educational Institute		265000								
12	Centre for Hi - Tech Hydroponics Research and Development	2019	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.Pragadeesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pragadeesh@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8778936501</td> </tr> </table>	Facility Incharge Name	Mr.Pragadeesh	Facility Incharge Email	pragadeesh@citchennai.net	Facility Incharge Phone	8778936501	1	No	No	Yes
Facility Incharge Name	Mr.Pragadeesh														
Facility Incharge Email	pragadeesh@citchennai.net														
Facility Incharge Phone	8778936501														
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		-			Educational Institute		1145000								

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

13	HCL Centre for Embedded and Imaging Technology	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.Pra veen</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pravee n@citc hennai .net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99622 91591</td> </tr> </table>	Facility Incharge Name	Mr.Pra veen	Facility Incharge Email	pravee n@citc hennai .net	Facility Incharge Phone	99622 91591	1	No	No	Yes
Facility Incharge Name	Mr.Pra veen														
Facility Incharge Email	pravee n@citc hennai .net														
Facility Incharge Phone	99622 91591														
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		-			Educational Institute		1648000								
14	IIT Bombay Remote Centre	2019	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mrs.Sh eikuma ma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sheiku mama @citc hennai. net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>63825 74169</td> </tr> </table>	Facility Incharge Name	Mrs.Sh eikuma ma	Facility Incharge Email	sheiku mama @citc hennai. net	Facility Incharge Phone	63825 74169	1	No	No	Yes
Facility Incharge Name	Mrs.Sh eikuma ma														
Facility Incharge Email	sheiku mama @citc hennai. net														
Facility Incharge Phone	63825 74169														
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		-			Educational Institute		264000								
15	Accurate Centre for Metrology	2015	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.G.K .Kanna n</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kanna ngk@c itchenn ai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99445 70084</td> </tr> </table>	Facility Incharge Name	Mr.G.K .Kanna n	Facility Incharge Email	kanna ngk@c itchenn ai.net	Facility Incharge Phone	99445 70084	1	No	No	Yes
Facility Incharge Name	Mr.G.K .Kanna n														
Facility Incharge Email	kanna ngk@c itchenn ai.net														
Facility Incharge Phone	99445 70084														
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		-			Educational Institute		1872000								

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

16	Haritha Research Centre in Mechanical Engineering	2015	Pre-Incubation		Facility Incharge Name	Mr.Deepak suresh kumar	1	No	No	Yes
					Facility Incharge Email	deepa ksureshkumar@citicennai.net				
					Facility Incharge Phone	97911 03294				
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		-			Educational Institute		14586880			
17	PEGA University Academic Program	2016	Incubation Unit		Facility Incharge Name	Mrs.Pavithra	1	No	No	Yes
					Facility Incharge Email	pavithra@citicennai.net				
					Facility Incharge Phone	97909 68657				
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		-			Educational Institute		35634000			
18	Tekla Centre for Building Education	2016	Innovation Park/Research Park		Facility Incharge Name	Mr.Mo hanas undam	1	No	No	Yes
					Facility Incharge Email	mohan asundaram@citchennai.net				
					Facility Incharge Phone	97898 44703				
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		-			Educational Institute		2152000			

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	Chennai Institute Technology Business Incubator	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Prakash Subramanian</td> </tr> <tr> <td>Facility Incharge Email</td> <td>prakashesh@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8778936501</td> </tr> </table>	Facility Incharge Name	Mr. Prakash Subramanian	Facility Incharge Email	prakashesh@citchennai.net	Facility Incharge Phone	8778936501	1	Yes	No	Yes
Facility Incharge Name	Mr. Prakash Subramanian														
Facility Incharge Email	prakashesh@citchennai.net														
Facility Incharge Phone	8778936501														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
-			-			-		250000							

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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	Centre for Research - Department of Mechanical Engineering	2018	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Dhinakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dhinakaran@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9080591216</td> </tr> </table>	Facility Incharge Name	Dr.Dhinakaran	Facility Incharge Email	dhinakaran@citchennai.net	Facility Incharge Phone	9080591216	1	Yes	No	Yes
Facility Incharge Name	Dr.Dhinakaran														
Facility Incharge Email	dhinakaran@citchennai.net														
Facility Incharge Phone	9080591216														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
-			-			-		0							

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

2	Centre for Research - Department Electronics and Communication Engineering	2018	Innovation Labs		Facility Incharge Name	Dr.Dhanagopal	1	Yes	No	Yes	
					Facility Incharge Email	dhana gopal @citchennai.net					
					Facility Incharge Phone	70109 51342					
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
-				-			-		0		
3	RANE NSK Center for Applied Research	2017	Incubation Unit		Facility Incharge Name	Dr.Dhinakaran	1	Yes	Yes		Yes
					Facility Incharge Email	dhinakaranv @citchennai.net			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	90805 91216			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
-				-			-		0		

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

4	CIT - Atalon Engine Research Centre	2015	IPR Cell/Technology Transfer Centre		Facility Incharge Name	Dr.Rameshbabu	1	Yes	Yes		Yes
					Facility Incharge Email	rameshbabu@cit Chennai ai.net			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	9444272411			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
-				-			-		0		
5	Centre for Data Science and Research	2018	Student Clubs		Facility Incharge Name	Dr.Janardana	1	Yes	No		Yes
					Facility Incharge Email	janardana@cit Chennai ai.net			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	9444860304			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
-				-			-		0		

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

6	Centre for Artificial Intelligence and Research	2017	Innovation Labs		Facility Incharge Name	Dr.Sundarambal	1	Yes	Yes		Yes
					Facility Incharge Email	sundarambal@citchennai.net			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	8637426181			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)					
-		-		-		0					
7	Centre for Biomedical Engineering and Research	2019	Innovation Labs		Facility Incharge Name	Dr.Kirankumar	1	Yes	Yes		Yes
					Facility Incharge Email	kirankumar@citchennai.net			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	9443753780			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)					
-		-		-		0					

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

8	Centre for Defense and space Research	2019	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Dhinaakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dhinakaranv@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9080591216</td> </tr> </table>	Facility Incharge Name	Dr.Dhinaakaran	Facility Incharge Email	dhinakaranv@citchennai.net	Facility Incharge Phone	9080591216	1	No	No	No
Facility Incharge Name	Dr.Dhinaakaran														
Facility Incharge Email	dhinakaranv@citchennai.net														
Facility Incharge Phone	9080591216														

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	MHRD Institution Innovation Council	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.S. Arumugam</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arumugamss@citchennai.net</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962223356</td> </tr> </table>	Facility Incharge Name	Dr.S.S. Arumugam	Facility Incharge Email	arumugamss@citchennai.net	Facility Incharge Phone	9962223356	1	Yes	No	Yes
Facility Incharge Name	Dr.S.S. Arumugam														
Facility Incharge Email	arumugamss@citchennai.net														
Facility Incharge Phone	9962223356														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		-		-		-		0							

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

2	Centre for Technology Development and Transfer	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools		Facility Incharge Name	Mr.R.K ishore	1	Yes	Yes		Yes	
					Facility Incharge Email	kishore ravi@cit Chennai ai.net			Total Annual Income from Training and Skill Development Services (In Rupees)			
					Facility Incharge Phone	86084 34063			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)			
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)			
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)			
-				-			-		0			

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	Dr. M. Malathi	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
IOT BASED AIR POLLUTION MONITORING SYSTEM		Within		
2	Mr. J. Eric clapton	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Real Time Monitoring of Coal Conveyor System		Within		
3	Mr. A. Sivabalan	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
AUTOMATED SOLAR PANEL CLEANING SYSTEM		Within		
4	Mr. A.Senthilkumar	Associate Professor	Idea/Innovation Development	2

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)
	IOT BASED SOLID WASTE MANAGEMENT SYSTEM FOR SMART CITIES	Within	
5	Dr. B. Dhanalakshmi	Associate Professor	Idea/Innovation Development
	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	VEHICLE TO VEHICLE CHARGING WITH A MODERN OUTLOOK FOR POWER TRANSFER	Within	
6	Mr. K. Kirubasankar	Associate Professor	Idea/Innovation Development
	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SURVEILLANCE THROUGH OBJECT DETECTION USING MASK R-CNN	Within	
7	Dr. R. Dhanagopal	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development
	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND IMPLEMENTATION OF WALKING STICK AID FOR VISUALLY CHALLENGED PEOPLE	Within	
8	Dr. J.Vishnupriyan	Assistant Professor	Idea/Innovation Development
	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	NON CONTACT MEASUREMENT FOR STRAY VOLTAGE	Within	
9	Dr. R. Menaka	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development
	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	TRAFFIC APPROACH IN SMART CITIES	Within	
10	Dr. M.Ettappan	Professor	Idea/Innovation Development
	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	PERFORMANCE ENHANCEMENT OF DYE-SENSITIZED SOLAR CELLS VIA CO-SENSITIZATION OF RUTHENIZER Z907 AND ORGANIC SENSITIZER SQ2CEMENT	Within	
11	Dr. B.R. Ramesh Babu	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development
	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Experimental investigation on compression test of lattice structure	Outside	
12	Dr. V. Dhinakaran	Associate professor	Idea/Innovation Development,Entrepreneurship/Startup Development
	Associate professor	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Experimental investigation and analysis for air leaking of timing chain cover in thermostat region	Within	

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

13	Dr. R. Ravinder	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Effect of CSA reinforcement on wear behaviour of aluminium alloy matrix composite		Within	
14	Dr. A. Dhanasekaran	Associate professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Exploration on mechanical characterization of natural fibre matrix composites produced through hand-lay method		Within	
15	Dr. P. Gurusamy	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Experimental Analysis of TIG welded Super Duplex Stainless Steel		Within	
16	Dr. S. Ravi	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	POWER GENERATION USING THERMOELECTRIC GENERATOR THROUGH WASTE HEAT		Within	
17	Dr. S. Rajarasalanth	Associate professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	MONITORING AND CONTROLLING OF SOLAR PV SYSTEM USING ARDUINO AND RASPBERRY PI		Within	
18	Dr. D. Vijayaganapathy	Associate professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN SIMULATION AND REALIZATION OF ARDUINO BASED MPPT SOLAR CHARGE CONTROLLER		Within	
19	Dr. P. Kannan	Associate professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN SIMULATION AND REALIZATION OF ARDUINO BASED MPPT SOLAR CHARGE CONTROLLER		Within	
20	Mr. M.D.Vijayakumar	Associate professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Performance improvement of radiator drain petcock		Within	
21	Mr. P.Prince Packiaraj	Associate professor	Idea/Innovation Development	1

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)
	Experimental investigation and analysis for air leaking of timing chain cover in thermostat region		Within	
22	Mr. K. Karthikeyan	Associate professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Eliminate tongue stopper webbing offset in seat belt using Gemba analysis		Within	
23	Dr. A.Srinivasan	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Tensile properties of Titanium sheet at elevated temperature		Within	
24	Dr. C.Ezhilarasan	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of machine control self drilling robot using microcontroller and embedded system		Within	
25	Dr. R.Soloman Roach	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smartbin monitoring system using Arduino and Raspberry pi		Within	
26	Dr. R.M. Bommi	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Drunk and Drive detection using SMS with ignition lock		Within	
27	Dr. A.Prasina	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and simulation of an autonomous hospitality robot		Within	
28	Dr. K.Somasundaram	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Reusability of waste food into Organic Products		Within	
29	Dr. M.Ettappan	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ergonomic analysis of parking areas for persons with disability		Within	

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

30	Dr. A.Vanisri	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and integration of custom pedestal with cobot system for improved flexibility		Within	
31	Dr. R.Balamurali	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DETECTING CHLOROPHY II LEVEL IN PRECISION AGRICULTURE TECHNIQUE USING AERIAL VEHICLE		Within	
32	Dr. P. Partheeban	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ESTIMATION OF OXYGEN STORAGE LEVEL AND LOSS IN INDUSTRIES		Within	
33	Mr. K. Praveen	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SMARTPHONE UNLOCK USING VEIN PATTERN		Within	
34	Ms. N. Archana	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	PEIZO BASED VISITOR SENSING WELCOME MAT		Within	
35	Dr. R.Janarthanan	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	MOBILE WALLET WITH MERCHANT PAYMENT USING ANDROID		Within	
36	Dr. B.Muthu Kumar	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IMAGE CHARACTER RECOGNITION USING SIGNAL & PATTERN ANALYSIS		Within	
37	Dr. T. Joshvadevadas	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SOFTWARE SENSOR FOR PORTABLE WATER QUALITY THROUGH QUANTITATIVE AND QUALITATIVE USING IOT		Within	
38	Dr. B.Sundarambal	Associate Professor	Idea/Innovation Development	3

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)
	RED TRCTION TECHNOLOGY & GPS LOCATION USED FOR VEHICLE DRIVE		Within	
39	Dr. B. Dhanalakshmi	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	TRANSLATIONAL MOTION TRACKING LEG JOINTS FOR ENHANCED PREDICTION OF WALKING TASKS		Within	
40	Mr. G.Senthil Kumar	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS		Within	
41	Dr. B. Anuradha	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	COMFORT VESSEL CLEANING GLOVE WITH NATURAL COCONUT COIR FIBER		Within	
42	Mr. R. Kishore	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CORN SEED REMOVAL MACHINE		Within	
43	Mr. K.Madhavan	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND INVENTION OF EAR PHONE HOLDER		Within	
44	Ms. S.Pavithra	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	GROUNDNUT DECORTICATOR MACHINE		Within	
45	Mr. P. Muthuraman	Associate professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Implementation of oil dispensing application using Industrial Robot		Within	
46	Mr. R.Raghuraman	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Industrial Training Tool Using Augmented Reality		Within	

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

47	Mr. G.Keerthi Vijayadhasan	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Data analysis and optimization on PV cell, home inverter using IOT and micro controller		Within	
48	Mr. Dennise Mathew	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Intravenous fluid monitoring and live tracking tele mechanic system		Within	
49	Dr. L. Iyappan	Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Implementation of capillary irrigation system in controlled environmental Agriculture		Within	
50	Ms. J. Krithiga	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Real time Industrial Monitoring and Protection system using IOT		Within	
51	Mr. G.Karthick	Assistant professor	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Optimization of performance and emission characteristics of heavy duty C.I engine supplemented with butanol-mustard oil-diesel composition		Within	
52	Ms. C.Rajeswari	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	The SSIM based image quality assessment and error detection		Within	
53	Mr. S.Krishnan	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Event triggering algorithm for health care systems based on lot		Within	
54	Mr. S.Senthil Kumar	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Classification of Nevus and Melanoma in Computerized Images using Machine Learning		Within	
55	Ms. A. Tamil selvi	Assistant Professor	Idea/Innovation Development	1

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)
Detection of Glucose Using Non-Invasive Method and Food Analysis for Diabetic Patients Using IoT	Within	

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	K Jeyachandran	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship							
2	Dr V Veerappan	Entrepreneurship/Startup Development	Unstructured Mentorship							
3	Mr Issac Devaraj	Idea/Innovation Development,Entrepreneurship/Startup Development	Structured Mentorship							
				Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
				Innovators pitch	26-09-2019	26-09-2019	1	4	25	Idea
4	Mr Satish Salvati	Idea/Innovation Development,Entrepreneurship/Startup Development	Structured Mentorship							
				Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
				Idea Brainstorming	16-08-2019	16-08-2019	1	3	18	Idea
5	Mr M Vignesh	Idea/Innovation Development,IPR Protection & Commercialization	Unstructured Mentorship							
6	Mr Chandrakanth Mallavarapu	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship							

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
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1	IOT BASED AIR POLLUTION MONITORING SYSTEM	Product Innovation	Technological	CENTER FOR EXCELLENCE IOT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	Grant Amount in Rs 4500	No	No
Name		Type			Gender		Email			Contact			
DHIVYA R		Student			Female		dhivyadharan25@gmail.com			9345489606			

Name											Type		Gender		Email			Contact		2
Real Time Monitoring of Coal Conveyor System	Product Innovation	Technological	CENTER OF EXCELLENCE INDUSTRIAL AUTOMATION	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No								

Name		Type			Gender		Email			Contact		Name	Email
GUHAN S		Faculty			Male		sguhan1999@gmail.com			9080159965			

3	AUTOMATED SOLAR PANEL CLEANING SYSTEM	Product Innovation	Technological	CENTER FOR EXCELLENCE ENERGY	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4500	No	No
Name		Type			Gender		Email			Contact			
GEETHAN P		Student			Male		geethanp.citece2017@gmail.com			6382153081			

Name											Type		Gender		Email			Contact		4
IOT BASED SOLID WASTE MANAGEMENT SYSTEM FOR SMART CITIES	Process Innovation	Technological	CENTER FOR EXCELLENCE IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No								

Name	Type	Gender	Email	Contact	Name	Email
GAJULAPALLI SAI MAHIDHAR REDDY	Student	Male	Saimahidharreddygajulapalli@gmail.com	8639892453		

5	VEHICLE TO VEHICLE CHARGING WITH A MODERN OUTLOOK FOR POWER TRANSFER	Product Innovation	Technological	CENTER FOR EXCELLENCE ENERGY	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name		Type		Gender		Email			Contact			
AMRUTHASHRI G		Student		Male		amruthashrig@gmail.com			9445215272				

Name	Type	Gender	Email	Contact	6							
MONITORING AND CONTROLLING OF SOLAR PV SYSTEM USING ARDUINO AND RASPBERRY PI	Product Innovation	Technological	CENTER OF EXCELLENCE IOT AND ENERGY	Faculty		TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No

Name	Type	Gender	Email	Contact	Name	Email
Ms.S.Bhuvaneswari	Faculty	Female	sbhuvaneswari@citchennai.net	7708335162		

7	CROP AND WATER LEVEL DETECTING SYSTEM	Product Innovation, Process Innovation	Technological	CENTER FOR EXCELLENCE HYDROPONICS	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 Ongoing	No	No	Grant Amount in Rs 7500	No	No
	Name		Type		Gender		Email			Contact			
DHIVAKAR RAVIRAM R P		Faculty		Male		9494dhivakar@gmail.com			9952432604				

Name	Type	Gender	Email	Contact	8
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SURVEILLANCE THROUGH OBJECT DETECTION USING MASK R-CNN	Product Innovation,Market-place Innovation	Technological	CHENNAI INSTITUTE OF TECHNOLOGY - INCUBATION CENTER	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	75 00	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
BAPATLA VENKATA NAGA LAKSHMI PRANEETHA	Student	Female	lucyzennifer15@gmail.com	7989818281		

9	DESIGN AND IMPLEMENTATION OF WALKING STICK AID FOR VISUALLY CHALLENGED PEOPLE	Product Innovation,Market-place Innovation	Technological	CHENNAI INSTITUTE OF TECHNOLOGY - INCUBATION CENTER	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	60 00	No	No
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Name	Type	Gender	Email	Contact
BLESSY REGINA S M J	Student	Male	blessyreginasmj@gmail.com	8610977456

Name	Type	Gender	Email	Contact	10							
NON CONTACT MEASUREMENT FOR STRAY VOLTA GE	Product Innovation	Technological	Chennai Institute of Technology, Department of EEE	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	60 00	No	No

Name	Type	Gender	Email	Contact	Name	Email
VISHNU PRIYAN	Faculty	Male	vishnupriyanj@gmail.com	6369560703		

11	TRAFFIC APPROACH IN SMART CITIES	Product Innovation,Service Innovation	Technological	CENTER OF EXCELLENCE ARTIFICIAL INTELLIGENCE	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	60 00	No	No
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Name	Type	Gender	Email	Contact
BIJJAM KALAVATHI	Student	Male	bijjamkalavathi@gmail.com	9398774819

Name		Type		Gender		Email			Contact			
PERFORMANCE ENHANCEMENT OF DYE-SENSITIZED SOLAR CELLS VIA CO-SENSITIZATION OF RUTHENIUM Z907 AND ORGANIC SENSITIZER SQ2CEMENT	Product Innovation, Process Innovation	Technological	CENTER OF EXCELLENCE ENERGY	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	6000	No	No

12

Name		Type		Gender		Email			Contact	
DINESH K K		Student		Male			dineshkk1806@gmail.com		8072146531	

Name
Email

13	Experimental investigation on compression test of lattice structure	Process Innovation	Technological	CIT - CENTER FOR APPLIED RESEARCH	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	6000	No	No
Name		Type		Gender		Email			Contact				
KAVERI PRIYA		Student		Female		kaveripriyask@citchennai.net			9944256137				

Name		Type		Gender		Email			Contact			
Experimental investigation and analysis for air leaking of timing chain cover in thermostat region	Process Innovation	Technological	CIT Center for applied research	Student	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	7500	No	No

14

Name	Type	Gender	Email	Contact	Name	Email
GOKULA KRISHNAN S	Student	Male	gokulakrishnans@citchennai.net	9941617332		

15	Effect of CSA reinforcement on wear behaviour of aluminium alloy matrix composite	Product Innovation,Process Innovation	Technological	CHENNAI INSTITUTE OF TECHNOLOGY, DEPT. OF MECHANICAL	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Dropped	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
MUTHU KUMAR	Student	Male	muthukumars@citchennai.net	9080508361

Name	Type	Gender	Email	Contact
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Exploration on mechanical characterization of natural fibre matrix composites produced through hand-lay method	Product Innovation,Process Innovation	Technological	CIT - Center for Applied Research	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact	Name	Email
BALA SARAVANAN K	Student	Male	balasaravanank@citchennai.net	8883242324		

17	Experimental Analysis of TIG welded Super Duplex Stainless Steel	Product Innovation,Process Innovation	Technological	Center for Applied research	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Dropped	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
Vinayaga Moorthy	Faculty	Male	vinayagamoorthy@citchennai.net	9524944103

Name	Type	Gender	Email	Contact
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Name
Email

16

Name
Email

18

POWER GENERATION USING THERMOELECTRIC GENERATOR (TEG) THROUGH WASTE HEAT	Product Innovation,Market-place Innovation	Technological	Center of Excellence Energy	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Ravi	Faculty	Male	ravit@citchennai.net	9750802425		

19	MONITORING AND CONTROLLING OF SOLAR PV SYSTEM USING ARDUINO AND RASPBERRY PI	Product Innovation,Process Innovation	Technological	CENTER OF EXCELLENCE IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Dropped	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
BIJJAM VENKATA SRAVANI	Student	Female	Sravanireddy0931@gmail.com	9059580781

	DESIGN SIMULATION AND REALIZATION OF ARDUINO BASED MPPT SOLAR CHARGE CONTROLLER	Product Innovation,Process Innovation	Technological	CENTER OF EXCELLENCE IOT - ENERGY	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	7500	No	No	20
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Name	Type	Gender	Email	Contact	Name	Email
ERIC CLAPTEN	Faculty	Male	ericclaptenj@citchennai.net	8668165694		

21	Performance improvement of radiator drain petcock	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name		Type		Gender		Email		Contact				
ADITHYA V		Student		Male		adithyav@citchennai.net		9841595513					

Name		Type		Gender		Email		Contact		22		
Experimental investigation and analysis for air leaking of timing chain cover in thermostat region	Process Innovation	Technological	Center for Applied Research	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No		Grant Amount in Rs 7500	No

Name		Type		Gender		Email		Contact		Name	Email
Bharath Kumar		Student		Male		bharathkumars@citchennai.net		9080996351			

23	Eliminate tongue stopper webbing offset in seat belt using Gemba analysis	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
	Name		Type		Gender		Email		Contact				
Kannan G K		Faculty		Male		kannangk@citchennai.net		9944570084					

Name		Type		Gender		Email		Contact		24		
Tensile properties of Titanium sheet at elevated temperature	Product Innovation,Process Innovation	Technological	Center for applied research	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No		Grant Amount in Rs 6000	No

Name		Type			Gender		Email			Contact		Name	Email
DEVADHARSHINI A		Student			Female		devadharshinia@citchennai.net			8610276100			

25	Development of machine control self drilling robot using microcontroller and embedded system	Product Innovation,Process Innovation	Technological	Center for excellence Industrial Robotics	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name		Type			Gender		Email			Contact		
Abishek S		Student			Male		abisheksmct@gmail.com			7904071615			

Name		Type			Gender		Email			Contact		26
Smartbin monitoring system using Arduino and Raspberry pi	Product Innovation,Service Innovation	Technological	Center for excellence Industrial Automation	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	

Name		Type			Gender		Email			Contact		Name	Email
Guru prasad M		Student			Male		guruprasad2199@gmail.com			9087301890			

27	Drunk and Drive detection using SMS with ignition lock	Product Innovation,Marketplace Innovation	Technological	Center of excellence Industrial automation	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name		Type			Gender		Email			Contact		
Suddhanandha Bharathi E		Student			Male		suddhanandhabharathie@gmail.com			9789747409			

Name		Type			Gender		Email			Contact		28
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Design and simulation of an autonomous hospital robot	Product Innovation	Technological	Center of Excellence Industrial Automation	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Dropped	No	No	No	75 00	No	No
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Name	Type	Gender	Email	Contact	Name	Email
P.KAMIKKIYA	Student	Female	kamikkiyap95@gmail.com	7667890734		

29	Reusability of waste food into Organic Products	Process Innovation,Market-place Innovation	Technological	Chennai Institute of Technology	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Dropped	No	No	45 00	No	No
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Name	Type	Gender	Email	Contact
Ranjith.c.m.a	Student	Male	msdian8428@gmail.com	6380478344

Name	Type	Gender	Email	Contact	30
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Ergonomic analysis of parking areas for persons with disability	Service Innovation,Market-place Innovation	Technological	Department of Mechatronics	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	No	45 00	No	No
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Name	Type	Gender	Email	Contact	Name	Email
Shalini.N	Student	Male	Shalininagalingam98@gmail.com	9361374427		

31	Design and integration of custom pedestal with cobot system for improved flexibility.	Product Innovation,Market-place Innovation	Non-Technological	Center for Excellence for Robotics	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	60 00	No	No
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Name	Type	Gender	Email	Contact
Monisha M	Student	Male	nishamurali5494@gmail.com	8248065593

Name		Type		Gender		Email			Contact			
DETECTING CHLOROPHYLL II LEVEL IN PRECISION AGRICULTURE TECHNIQUE USING AERIAL VEHICLE	Process Innovation	Technological	Center of Excellence IOT	Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	10500	No	No

32

Name		Type		Gender		Email			Contact	
Bala Murali		Faculty		Male		balamuralir@citchennai.net			9444112255	

Name
Email

33	ESTIMATION OF OXYGEN STORAGE LEVEL AND LOSS IN INDUSTRIES	Process Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	6000	No	No
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Name		Type		Gender		Email			Contact	
Ettappan . M		Faculty		Male		ettappanm@citchennai.net			8610956374	

Name		Type		Gender		Email			Contact			
SMART PHONE UNLOCK USING VEIN PATTERNS	Product Innovation,Service Innovation	Technological	Department of Electronics	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	6000	No	No

34

Name		Type		Gender		Email			Contact	
Dr.B.Sundarambal		Faculty		Female		sundarambalb@citchennai.net			8939917090	

Name
Email

35	PEIZO BASED VISITOR SENSING WELCOME MAT	Product Innovation,Market-place Innovation	Technological	Center of Excellence IOT	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
Name		Type			Gender		Email			Contact			
Dhanagobal . R		Faculty			Male		dhanagopalr@citchennai.net			7868022814			

Name		Type			Gender		Email			Contact			36
MOBILE WALLET WITH MERCHANT PAYMENT USING ANDROID	Product Innovation,Service Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No	

Name		Type			Gender		Email			Contact			Name	Email
Dr.B. Muthukumar		Faculty			Male		bmuthukumar@citchennai.net			9791882299				

37	IMAGE CHARACTER RECOGNITION USING SIGNAL & PATTERN ANALYSIS	Service Innovation,Market-place Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
Name		Type			Gender		Email			Contact			
Ramesh. R		Faculty			Male		ramesh@citchennai.net			8939917087			

Name		Type			Gender		Email			Contact			38
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COMPACT MULTIBAND AND SUPERCONDUCTING FILTER USING MULTINODE STUB LOAD RESONATOR FOR MULTIPLE WC APPLICATION	Product Innovation,Marketplace Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	7500	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Dr.A.Prasina	Faculty	Female	prasinaa@citchennai.net	7904596385		

39	SOFTWARE SENSOR FOR PORTABLE WATER QUALITY THROUGH QUANTITATIVE AND QUALITATIVE USING IOT	Product Innovation,Service Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
Ramesh R	Faculty	Male	ramesh@citchennai.net	8939917087

Name	Type	Gender	Email	Contact
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RED TRCTION TECHNOLOGY & GPS LOCATION USED FOR VEHICLE DRIVE	Product Innovation,Service Innovation	Technological	Center of Excellence Industrial Automation	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	7500	No	No	40
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Name	Type	Gender	Email	Contact	Name	Email
A Prasina	Faculty	Female	prasinaa@citchennai.net	7904596385		

41	TRANSLATIONAL MOTION TRACKING LEG JOINTS FOR ENHANCED PREDICTION OF WALKING TASKS	Product Innovation,Service Innovation	Technological	CIT Center for Applied research	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	75 00	No	No										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>DR.V.DHINAKARAN</td> <td>Faculty</td> <td>Male</td> <td>dhinakaranv@citchennai.net</td> <td>9941617332</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	DR.V.DHINAKARAN	Faculty	Male	dhinakaranv@citchennai.net	9941617332
Name	Type	Gender	Email	Contact																			
DR.V.DHINAKARAN	Faculty	Male	dhinakaranv@citchennai.net	9941617332																			

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS</td> <td>Process Innovation,Service Innovation</td> <td>Technological</td> <td>Chennai Institute of Technology</td> <td>Faculty</td> <td>TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.</td> <td>TRL 5 : Large scale prototype tested in intended environment.</td> <td>Innovation Development Completed</td> <td>No</td> <td>No</td> <td>60 00</td> <td>No</td> <td>No</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS	Process Innovation,Service Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	60 00	No	No	42
Name	Type	Gender	Email	Contact																											
EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS	Process Innovation,Service Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	60 00	No	No																			

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>DENNISE MATHEW</td> <td>Faculty</td> <td>Male</td> <td>dennisemathew@citchennai.net</td> <td>9952432604</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	DENNISE MATHEW	Faculty	Male	dennisemathew@citchennai.net	9952432604	Name	Email
Name	Type	Gender	Email	Contact																				
DENNISE MATHEW	Faculty	Male	dennisemathew@citchennai.net	9952432604																				

43	COMFORT VESSEL CLEANING GLOVE WITH NATURAL COCONUT COIR FIBER	Product Innovation,Marketplace Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	75 00	No	No										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>G K Kannan</td> <td>Faculty</td> <td>Male</td> <td>kannangk@citchennai.net</td> <td>9944570084</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	G K Kannan	Faculty	Male	kannangk@citchennai.net	9944570084
Name	Type	Gender	Email	Contact																			
G K Kannan	Faculty	Male	kannangk@citchennai.net	9944570084																			

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> </table>													Name	Type	Gender	Email	Contact	44
Name	Type	Gender	Email	Contact														

CORN SEED REMOVAL MACHINE	Product Innovation,Market-place Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	No	10500	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
P. Muthuraman	Faculty	Male	pmuthuraman@citchennai.net	9994473738		

45	DESIGN AND INVENTION OF EAR PHONE HOLDER	Product Innovation,Market-place Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	10500	No	No	
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Name	Type	Gender	Email	Contact
Dr. K. Vimalanathan	Faculty	Male	vimalanathank@citchennai.net	9994473738

													46
Name	Type	Gender	Email	Contact									
COMPACTABLE EAR PHONE HOLDER	Product Innovation	Technological	Chennai Institute of Technology	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	No	4500	No	No

Name	Type	Gender	Email	Contact	Name	Email
R. Surendaran	Faculty	Male	surendharanr@citchennai.net	9994473738		

47	A DEVICE FOR ANALYSING THE VARIOUS PARAMETERS ASSOCIATED WITH VEHICLE ALONG WITH ACCIDENT ALERT SYSTEM	Product Innovation,Service Innovation	Technological	Center for Excellence IOT	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	7500	No	No	
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Name		Type		Gender		Email		Contact	
V.MOHANAVEL		Faculty		Male		mohanaavel@citchennai.net		9043392344	

Name		Type		Gender		Email		Contact					
SMART PHONE TIC STICK FOR BLIND PEOPLE	Product Innovation,Market-place Innovation	Technological	Department of CSE	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 75 00	No	No	48
T.P . Anithaashri		Faculty		Female		anithaashri@citchennai.net		9790968657		Name	Email		

Name		Type		Gender		Email		Contact					
49	TRICYCLE REVERSING MECHANISM	Product Innovation	Technological	Department of Mechanical	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 75 00	No	No
S Sivaraj		Faculty		Male		sivarajs@citchennai.net		8883188792					

Name		Type		Gender		Email		Contact					
SEED SOWER	Product Innovation,Market-place Innovation	Non-Technological	Department of Mechanical Engineering	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 60 00	No	No	50
P. Shanmugaselvam		Faculty		Male		shanmugaselvamp@citchennai.net		8072851166		Name	Email		

51	GROUNDNUT DECORTICATOR MACHINE	Product Innovation	Non-Technological	Chennai Institute of Technology	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No
Name		Type			Gender		Email			Contact			
P. Muthuraman		Faculty			Male		pmuthuraman@citchennai.net			9994473738			

Name		Type			Gender		Email			Contact			52
Design and Implementation of oil dispensing application using Industrial Robot	Product Innovation	Technological	Center for Excellence Robotics	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Dropped	No	No	10500	No	No	

Name		Type			Gender		Email			Contact			Name	Email
Vishnu R		Student			Male		pattcha13@gmail.com			7639059013				

53	Ingenious lock in disguise	Product Innovation,Market- place Innovation	Technological	Center for Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	6000	No	No
Name		Type			Gender		Email			Contact			
ARUN MJ		Student			Male		mj.arun187@gmail.com			8124009350			

Name		Type			Gender		Email			Contact			54
Industrial Training Tool Using Augmented Reality	Product Innovation,Process Innovation	Technological	Center of excellence Industrial automation	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No	

Name	Type	Gender	Email	Contact	Name	Email
Sanjay	Student	Male	sanjsubash@gmail.com	8667492524		

55	Data analysis and optimization on PV cell, home inverter using IOT and micro controller	Product Innovation,Market-place Innovation	Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name	Type	Gender	Email	Contact								
Santha Kumar S		Student	Male	santhks098@gmail.com	8667705068								

Name	Type	Gender	Email	Contact	56							
Smart Intravenous fluid monitoring and live tracking tele mechanical system	Product Innovation,Market-place Innovation	Technological	Chennai Institute of Technology	Student		TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4500	No

Name	Type	Gender	Email	Contact	Name	Email
Gurudev	Student	Male	gurudevgs@gmail.com	7904827174		

57	Implementation of capillary irrigation system in controlled environmental Agriculture	Product Innovation,Process Innovation,Market-place	Technological	Center of Excellence Hydroponics	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
	Name	Type	Gender	Email	Contact								
BARATH CHELLIAH		Student	Male	barath4998@gmail.com	8056429239								

Name	Type	Gender	Email	Contact	58
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Real time Industrial Monitoring and Protection system using IOT	Product Innovation,Marketplace Innovation	Technological	Center for Excellence IOT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	4500	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Yagnesh.K	Student	Male	kyagneshrock4ever@gmail.com	7871517594		

59	Design and Simulation of Fatigue Lifecycle Testing Machine for Metal expansion Joints	Process Innovation	Technological	Department of Mechanical Engineering	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
SAI PRASADH S	Student	Male	saiprasadh98@gmail.com	9551752103

														60
Name	Type	Gender	Email	Contact										
Optimization of performance and emission characteristics of heavy duty C.I engine supplemented with butanol-mustard oil-diesel composition	Process Innovation	Technological	Department of Mechanical engineering	Student	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	7500	No	No		

Name	Type	Gender	Email	Contact	Name	Email
Nirmal kumar.R	Student	Male	nirmalrk92796@gmail.com	8428363696		

61	The SSIM based image quality assessment and error detection	Product Innovation,Process Innovation,Market-place	Technological	Department of ECE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	4500	No	No									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>ALLA SUMALATHA</td> <td>Student</td> <td>Female</td> <td>sumalathajanardhan123@gmail.com</td> <td>6309635800</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	ALLA SUMALATHA	Student	Female	sumalathajanardhan123@gmail.com	6309635800
Name	Type	Gender	Email	Contact																		
ALLA SUMALATHA	Student	Female	sumalathajanardhan123@gmail.com	6309635800																		

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Event triggering algorithm for health care systems based on IoT</td> <td>Product Innovation,Market-place Innovation</td> <td>Technological</td> <td>Center of Excellence IOT</td> <td>Student</td> <td>TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.</td> <td>TRL 5 : Large scale prototype tested in intended environment.</td> <td>Innovation Development Ongoing</td> <td>No</td> <td>No</td> <td>6000</td> <td>No</td> <td>No</td> </tr> </tbody> </table>												Name	Type	Gender	Email	Contact	Event triggering algorithm for health care systems based on IoT	Product Innovation,Market-place Innovation	Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	6000	No	No	62
Name	Type	Gender	Email	Contact																										
Event triggering algorithm for health care systems based on IoT	Product Innovation,Market-place Innovation	Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	6000	No	No																		

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>ABISHAK S</td> <td>Student</td> <td>Male</td> <td>Abishak2017naac@gmail.com</td> <td>8825863823</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	ABISHAK S	Student	Male	Abishak2017naac@gmail.com	8825863823	Name	Email
Name	Type	Gender	Email	Contact																				
ABISHAK S	Student	Male	Abishak2017naac@gmail.com	8825863823																				

63	Classification of Nevus and Melanoma in Computerized Images using Machine Learning	Process Innovation	Technological	Center of Excellence AI & ML	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	7500	No	No									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>VUGGUMUDI MAHIDHAR REDDY</td> <td>Student</td> <td>Male</td> <td>vuggumudimahidharreddyece2017@gmail.com</td> <td>9182567263</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	VUGGUMUDI MAHIDHAR REDDY	Student	Male	vuggumudimahidharreddyece2017@gmail.com	9182567263
Name	Type	Gender	Email	Contact																		
VUGGUMUDI MAHIDHAR REDDY	Student	Male	vuggumudimahidharreddyece2017@gmail.com	9182567263																		

<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Detection of Glucose Using Non-Invasive Method and Food Analysis for Diabetic Patients Using IoT</td> <td>Product Innovation,Process Innovation</td> <td>Technological</td> <td>Chennai Institute of Technology</td> <td>Student</td> <td>TRL 3 : Applied research. First laboratory tests completed ; proof of concept.</td> <td>TRL 6 : Prototype system tested in intended environment close to expected performance.</td> <td>Innovation Development Ongoing</td> <td>No</td> <td>No</td> <td>10500</td> <td>No</td> <td>No</td> </tr> </tbody> </table>												Name	Type	Gender	Email	Contact	Detection of Glucose Using Non-Invasive Method and Food Analysis for Diabetic Patients Using IoT	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	10500	No	No	64
Name	Type	Gender	Email	Contact																										
Detection of Glucose Using Non-Invasive Method and Food Analysis for Diabetic Patients Using IoT	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	10500	No	No																		

Name		Type			Gender		Email			Contact	
VETRIVELAN S		Student			Male		vsmutant@gmail.com			8610249035	

Name	Email
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65	Device Authentication for IoT Devices using ECC	Product Innovation,Market-place Innovation	Technological	Center of Excellence for IOT	Student	TRL 2 : Technological formulation. Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 7500	No	No
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Name		Type			Gender		Email			Contact	
SWETHA M		Student			Female		swetham071@gmail.com			6383629643	

Name		Type			Gender		Email			Contact	
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	Street light Intensity Optimizer and Pollution Monitoring Using IoT	Product Innovation	Technological	Department of ECE	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
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66

Name		Type			Gender		Email			Contact	
SUPRAJA S		Student			Male		suprajas.ececit2017@gmail.com			7010281806	

Name	Email
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67	PERTINENCE OF BLOCK CHAIN IN FRATERNIZATION INTERNET - OF - THINGS SERVICES	Product Innovation	Technological	Chennai Institute of Technology	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10500	No	No
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Name		Type			Gender		Email			Contact	
SUBHA T		Student			Female		subhat39@gmail.com			9159374500	

Name		Type			Gender		Email			Contact	
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68

Magnetic Induction - Based Communication Through Underground	Product Innovation	Technological	Center of Excellence IOT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technological formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	4500	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
SRIDHAR M	Student	Female	manisridhar2010@gmail.com	8610323036		

69	IoT based Grape Leaf Disease Detection for Future Big Data Analysis in Large Area Network	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 2 : Technological formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	7500	No	No
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Name	Type	Gender	Email	Contact
SHAIK DHAWOODH	Student	Male	shaikdhawoodh12@gmail.com	7981675888

Name	Type	Gender	Email	Contact	70
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Traffic violation detection during nighttime based on bio-inspired image enhancement and weighted score level fusion	Process Innovation,Service Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	6000	No	No
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Name	Type	Gender	Email	Contact	Name	Email
SHARADA M B	Student	Female	sharadabalajiprasad1999@gmail.com	9884488199		

71	Underground cable fault detection using IoT	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 2 : Technological formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	7500	No	No
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Name		Type		Gender		Email		Contact				
SORNALAKSHMI G		Student		Female		sornalakshmiganapathi@gmail.com		9042614359				
72												
Name		Type		Gender		Email		Contact				
Optimized Sample Adaptive Offset Filter in HEVC	Process Innovation	Technological	Department of EEE	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
73												
Name		Type		Gender		Email		Contact				
BAPATLA VENKATA NAGA LAKSHMI PRANEETHA		Student		Female		lucyzennifer15@gmail.com		7989818281				
Load forecasting via hybrid neural network	Product Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
74												
Name		Type		Gender		Email		Contact				
BIJJAM KALAVATHI		Student		Female		bijjamkalavathi@gmail.com		9398774819				
Name		Type		Gender		Email		Contact				
Visible and Infrared image fusion using Weighted Least Square algorithm and Hybrid metaheuristics	Product Innovation, Process Innovation	Technological	Department of EEE	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
BALAJI P												
Name		Type		Gender		Email		Contact				
BALAJI P		Student		Male		balajips0411@gmail.com		8825953615				

75	single image enhancement using dehazing fusion	Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No
Name		Type			Gender		Email			Contact			
AMARNATH D		Student			Male		damarnath824@gmail.com			8248234135			

Name		Type			Gender		Email			Contact			76
Improve performance of the system on chip data inter connect by reducing cross delay	Product Innovation	Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	6000	No	No	

Name		Type			Gender		Email			Contact			Name	Email
DEEBIKA M		Student			Female		deebikamurugesan05@gmail.com			7358678105				

77	NORMALIZATION OF DATA IN IoT BASED METERED WATER SUPPLY	Product Innovation,Market-place Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
ARAVIND KUMAR T S		Student			Male		aravindkumar.peace@gmail.com			7904882231			

Name		Type			Gender		Email			Contact			78
Anti theft system for vehicle	Product Innovation,Market-place Innovation	Technological	Center of Excellence Embedded Systems	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	7500	No	No	

Name	Type	Gender	Email	Contact	Name	Email
A FAIZAN UL HAQ	Student	Male	contactfaizanulhaq@gmail.com	09940268537		

79	Millimeter wave applications using Mirrored Microstrip Patch Antenna	Process Innovation	Non-Technological	Department of ECE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 4500	No	No
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Name	Type	Gender	Email	Contact
AKASH S	Student	Male	hari.akashece@gmail.com	8608561086

Name	Type	Gender	Email	Contact	80							
Compare and analysis of N-bit Universal shift register using logic	Process Innovation	Technological	Center of Excellence IOT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 4500	No	No

Name	Type	Gender	Email	Contact	Name	Email
GANDLURI DEEKSHITH REDDY	Student	Male	deekshithreddy7@gmail.com	8985568989		

81	Deaf and Dumb Communication System	Product Innovation, Process Innovation	Non-Technological	Department of ECE	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
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Name	Type	Gender	Email	Contact
DHIVYA R	Student	Female	dhivyadharan25@gmail.com	9345489606

Name	Type	Gender	Email	Contact	82							
Detection of Gas Leakage for smart alerting and prediction using IoT	Product Innovation	Non-Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No

Name		Type			Gender		Email			Contact		Name	Email
GANDLURI DEEKSHITH REDDY		Student			Male		deekshithreddyg7@gmail.com			8985568989			
83	Automatic energy meter system for electrical theft detection using IoT	Product Innovation	Non-Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
	Name		Type			Gender		Email			Contact		
GEETHAN P		Student			Male		geethanp.citece2017@gmail.com			6382153081			
												84	
Name		Type			Gender		Email			Contact			
An automated irrigation system for optimized Greenhouse using IoT	Process Innovation	Non-Technological	Center of Excellence Hydroponics	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No	
Name		Type			Gender		Email			Contact		Name	Email
GIRI PAVAN SAI		Student			Male		psai47771@gmail.com			9110574341			
85	Investigation and analysis of path duration estimation for stable communication link in VANET	Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
	Name		Type			Gender		Email			Contact		
GOVARDHANAN P		Student			Male		govardhanan1711@gmail.com			7070322575			
												86	
Name		Type			Gender		Email			Contact			

Smart Portable Kidney Dialysis Control and Monitoring System	Process Innovation	Non-Technological	Department of Bio Medical	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact	Name	Email
GOWTHAM R	Student	Male	gowthamramesh595@gmail.com	8778873830		

87	Portable camera based assistive device for visually challenged people using raspberry pi and an efficient algorithm	Product Innovation	Technological	Department of EEE	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
GUHAN S	Student	Male	sguhan1999@gmail.com	9080159965

Name	Type	Gender	Email	Contact	88
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Soil Fertility And Crop Yield Prediction Management	Product Innovation	Technological	Center of Excellence Hydroponics	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	4500	No	No
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Name	Type	Gender	Email	Contact	Name	Email
GUPI NAVEEN	Student	Male	gupinaveen143@gmail.com	8309794641		

89	Design of Microstrip Patch Antenna for 5G	Process Innovation	Technological	Center of Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	6000	No	No
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Name	Type	Gender	Email	Contact
HARIHARAN NKS	Student	Male	harinks1999@gmail.com	7200068368

Name		Type		Gender		Email			Contact		90		
Enhanced Automation using Controller and Conscripts	Product Innovation	Technological	Center of Excellence Industrial Automation	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000		No	No
Name		Type		Gender		Email			Contact		Name	Email	
ISWARYA S		Student		Female		iswaryasece21@gmail.com			9043414315				
91	Breast cancer detection diagnosis using DBN(deep belief network)	Process Innovation	Technological	Center for Excellence IOT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 6000	No	No
Name		Type		Gender		Email			Contact				
JAI SANJAY B		Student		Male		jaisanjayb.js@gmail.com			7904160536				
Name		Type		Gender		Email			Contact		92		
Features extraction using earlier detection of lung cancer by CT images	Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Dropped	No	No	Grant Amount in Rs 6000		No	No
Name		Type		Gender		Email			Contact		Name	Email	
JILUMUDI VAMSI KRISHNA		Student		Male		jencysasi1077@gmail.com			8610313534				
93	Retina Vessel Segmentation using Discrete Wavelet Transform	Process Innovation,Marketplace Innovation	Technological	Department of Biomedical	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No

													Name		Type		Gender		Email			Contact																
													JINUGU DINESH REDDY		Student		Male		vamsikrishnajillumudi@gmail.com			9182748074																
													Name		Type		Gender		Email			Contact		94														
													Secured And Unique Online Voting System		Product Innovation, Process Innovation		Technological		Chennai Institute of Technology		Student		TRL 2 : Technology formulation. Concept and application have been formulated .		TRL 5 : Large scale prototype tested in intended environment.		Innovation Development Ongoing		No		No		Grant Amount in Rs 7500		No		No	
													Name		Type		Gender		Email			Contact		Name Email														
													JOHN JENUWIN Y		Student		Male		Jinugudineshreddyreddy@gmail.com			9182557014																
95													Coal mining and sewage treatment monitoring		Product Innovation, Process Innovation		Non-Technological		Department of Mechanical Engineering		Student		TRL 0 : Idea. Unproven concept, no testing has been performed .		TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).		Innovation Development Dropped		No		No		Grant Amount in Rs 4500		No		No	
													Name		Type		Gender		Email			Contact		Name Email														
													KHOSHITH P		Student		Male		Kavithapandiyani1999@gmail.com			9080782263																
													Name		Type		Gender		Email			Contact		96														
													A SMART PLUG FOR CONTROLLING AND AUTOMATION ANYWHERE USING IOT		Process Innovation		Technological		Center of Excellence IOT		Student		TRL 0 : Idea. Unproven concept, no testing has been performed .		TRL 3 : Applied research. First laboratory tests completed ; proof of concept.		Innovation Development Completed		No		No		No		Yes		No	
													Name		Type		Gender		Email			Contact		Name Email														
													KISHOREKUMAR B		Student		Male		khoshith8888@gmail.com			9551064999																

97	TEXT RECONGNITION OF DIGITAL SEVEN SEGMENT ELECTRIC METER	Product Innovation,Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	6000	No	No
Name		Type			Gender		Email			Contact			
KOKILA H		Student			Female		kokilahari55@gmail.com			8778785323			

Name		Type			Gender		Email			Contact				98
ANALYSING WEATHER FORECASTING AND ANIMAL HEALTH BEHAVIOUR MONITORING USING IOT	Product Innovation,Process Innovation	Technological	Department of EEE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	4500	No	No		

Name		Type			Gender		Email			Contact				Name Email
KOLAPARTHI LIKHITHA		Student			Female		klikhitha199@gmail.con			7093241584				

99	An Innovative solution for pedestrian crossing on the urban expressway	Process Innovation	Technological	Chennai Institute of Technology	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	4500	No	No
Name		Type			Gender		Email			Contact			
KULDEEP		Student			Male		kowsalyal15121999@gmail.com			8838671199			

Name		Type			Gender		Email			Contact				100
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DESIGN AND VOLTA GE STEP OF SINGLE DSSC CELL AND MONIT ORING BY USING NODEM CU	Product Innovation,Process Innovation	Technological	Department of Biomedical	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No		45 00	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
LAKSHMI PRABHA P M	Student	Female	notthakuldeep@gmail.com	9080118490		

101	Accelerometer Based Hand Gesture Controlled Robot	Product Innovation,Market-place Innovation	Technological	Center of Excellence Robotics	Student	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Development Completed	No	No	60 00	No	No
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Name	Type	Gender	Email	Contact
MADDALI YASWANTH	Student	Male	harshanlakshmi1999@gmail.com	8838331397

														102
WiFi RSSI based Smart Vehicle to Vehicle Commu nication to avoid accident at dangero us zone	Product Innovation,Process Innovation	Technological	Department of ECE	Student	TRL 2 : Technolog y formulatio n. Concept and application have been formulated .	TRL 5 : Large scale prototype tested in intended environme nt.	Innovation Development Ongoing	No	No		75 00	No	No	

Name	Type	Gender	Email	Contact	Name	Email
MAVURI KALYANI	Student	Female	mavoorikalyani@gmail.com	9848785266		

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20?	Had the venture/startup raised any Seed fund/Angel Investment/V C during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20?	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20?	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20?
1	GOGOSOON PVT LTD	Product Innovation,Service Innovation	Technological	4162	Student	Venture with Corporate Identification Number (CIN) Registration U72900 TN2019 PTC127 994	2019-20	Received Incubation Support from Incubation Unit	No	200000	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
SARAN		8388184		Student		Male		saran@gogosoan.com		915998199			
Muhilan Pandiyan		-		Innovator/Entrepreneur External to Institute		Male		muhilanp@gmail.com		-			

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	Test and Verification Solutions	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	12	13-11-2020
2	Tractors and Farm Equipment Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	5	21-04-2020
3	Mark Tech Pro and Consultants	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Networking	7	01-10-2020
4	GoGoSoon Pvt Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Mentoring	8	10-09-2020
5	Way2Grow Agritech LLP	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Networking	15	21-10-2020
6	Brakes India Private Limited	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Networking	12	04-09-2019
7	HCL Technologies Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	10	24-09-2019

8	KC Consulting Services	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	14	28-11-2019
9	L & T Technology Services Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	20	21-09-2020

List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	GROUNDNUT DECORTICATOR MACHINE	IPRFiledPublished	201841016914	National	2019 - 05	Uploaded	Published	No
2	EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS	IPRFiledPublished	201941041104	National	2019 - 10	Uploaded	Published	No
3	DESIGN AND INVENTION OF EAR PHONE HOLDER	IPRFiledPublished	201841016397	National	2019 - 11	Uploaded	Published	No
4	TRICYCLE REVERSING MECHANISM	IPRFiledPublished	201841017463	National	2019 - 11	Uploaded	Published	No

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	SMART PHONETIC STICK FOR BLIND PEOPLE	201841018618	National	2019 - 11	Uploaded	
		GROUNDNUT DECORTICATOR MACHINE	201841016914	National	2019 - 11	
			CORN SEED REMOVAL MACHINE	201841016358	National	
				COMFORT VESSEL CLEANING GLOVE WITH NATURAL COCONUT COIR FIBER	201841004380	
Uploaded						
2019 - 11	Uploaded					

National	2019 - 08	Uploaded		5	EFFECTIVE QUALITY LIVE STREAMING SERVICE THROUGH BUFFER AWARE APPROACH IN 5G WIRELESS NETWORKS
201941041104	National	2019 - 10	Uploaded		6
DESIGN AND INNOVATION OF FLEXIBLE/PORTABLE WRITING PAD FOR CHAIRS	201841016399	National	2019 - 11	Uploaded	
7	SEED SOWER	201841018420	National	2019 - 11	Uploaded
	8	TRICYCLE REVERSING MECHANISM	201841017463	National	2019 - 11
Uploaded		9	COMPACTABLE EAR PHONE HOLDER	201841016393	National
2019 - 11	Uploaded		10	DESIGN AND INVENTION OF EAR PHONE HOLDER	201841016397
National	2019 - 11	Uploaded		11	A DEVICE FOR ANALYSING THE VARIOUS PARAMETERS ASSOCIATED WITH VEHICLE ALONG WITH ACCIDENT ALERT SYSTEM
201941051423	National	2019 - 04	Uploaded		12
DETECTING CHLOROPHYLL II LEVEL IN PRECISION AGRICULTURE TECHNIQUE USING AERIAL VEHICLE	201941017931	National	2019 - 05	Uploaded	
13	SMARTPHONE UNLOCK USING VEIN PATTERN	201941017938	National	2019 - 05	Uploaded
	14	MOBILE WALLET WITH MERCHANT PAYMENT USING ANDROID	201941017942	National	2019 - 05
Uploaded		15	COMPACT MULTIBAND SUPER CONDUCTING FILTER USING MULTINODE STUB LOAD RESONATOR FOR MULTIPLE WC APPLICATION	201941017944	National
2019 - 05	Uploaded		16	RED TRACTION TECHNOLOGY & GPS LOCATION USED FOR VEHICLE DRIVE	201941017928

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

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
1	ESTIMATION OF OXYGEN STORAGE LEVEL AND LOSS IN INDUSTRIES	PatentsHoldByInnovations	201941017932	Published	NA

		Applicant Name	Applicant Type	Start-up/Innovator Name	
		Dr M Ettappan	Incubatee Innovator	Electrical and Electronic	
		R Raghuraman	Incubatee Innovator	Electrical and Electronic	
		K P Aswathi	Incubatee Innovator	Electronics and Communica	
2	PEIZO BASED VISITOR SENSING WELCOME MAT	PatentsHoldByInnovations	201941017941	Published	NA
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	R Dhanagopal		Incubatee Innovator	Electronics and Communica	
	R Balamurali		Incubatee Innovator	Electronics and Communica	
		G Keerthi Vijayadhasan	Incubatee Innovator	Electrical and Electronic	
3	IMAGE CHARACTER RECOGNITION USING SIGNAL & PATTERN ANALYSIS	PatentsHoldByInnovations	201941017943	Published	NA
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	R Ramesh		Incubatee Innovator	Computer Science and Engi	
	Nisha K		Incubatee Innovator	Electronics and Communica	
		K Kirubashankar	Incubatee Innovator	Electronics and Communica	
4	SOFTWARE SENSOR FOR PORTABLE WATER QUALITY THROUGH QUANTITATIVE AND QUALITATIVE USING IOT	PatentsHoldByInnovations	201941017930	Published	NA
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	R RAMESH		Incubatee Innovator	Computer Science and Engi	
	S PAVITRA		Incubatee Innovator	Computer Science and Engi	
		K RA JALAKSHMI	Incubatee Innovator	Computer Science and Engi	
5	TRANSLATIONAL MOTION TRACKING LEG JOINTS FOR ENHANCED PREDICTION OF WALKING TASKS	PatentsHoldByInnovations	201941017927	Published	NA
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	V DHINAKARAN		Incubatee Innovator	Mechanical Engineering	
	M D VIJAYAKUMAR		Incubatee Innovator	Mechanical Engineering	
		J ERIC CLAPTEN	Incubatee Innovator	Electronics and Communica	

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

Srno	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
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List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

1	Smart Integrated Vehicle Platform	Non-IP/Non-Patented Technology	One-time transfer/Licensing	0	<table border="1"> <tr> <td data-bbox="931 108 1079 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1088 108 1205 236">Dr R Balamurali</td> </tr> <tr> <td data-bbox="931 242 1079 322">Contact number of license holder</td> <td data-bbox="1088 242 1205 322">9840184781</td> </tr> <tr> <td data-bbox="931 328 1079 408">Email of Licence holder</td> <td data-bbox="1088 328 1205 408">balamurali@citchennai.net</td> </tr> <tr> <td data-bbox="931 414 1079 753">Gender</td> <td data-bbox="1088 414 1205 753">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr R Balamurali	Contact number of license holder	9840184781	Email of Licence holder	balamurali@citchennai.net	Gender	Male	Centre of Excellence for IoT	<table border="1"> <tr> <td data-bbox="1424 108 1572 178">Licence Transferred to</td> <td data-bbox="1581 108 1697 178">Institute</td> </tr> <tr> <td data-bbox="1424 185 1572 322">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1581 185 1697 322">Anand IT Infotech</td> </tr> <tr> <td data-bbox="1424 328 1572 577">Address of Agency</td> <td data-bbox="1581 328 1697 577">2nd Cross 3rd Floor Sadar Patrappa Road Near Vivek Complex Kalasipalaya m Bangalore Karnataka 560002</td> </tr> <tr> <td data-bbox="1424 584 1572 657">Contact Number of Agency</td> <td data-bbox="1581 584 1697 657">8041600337</td> </tr> <tr> <td data-bbox="1424 663 1572 753">Email of Agency</td> <td data-bbox="1581 663 1697 753">admin@ananditinfotech.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Anand IT Infotech	Address of Agency	2nd Cross 3rd Floor Sadar Patrappa Road Near Vivek Complex Kalasipalaya m Bangalore Karnataka 560002	Contact Number of Agency	8041600337	Email of Agency	admin@ananditinfotech.in	Yes	110000
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr R Balamurali																										
Contact number of license holder	9840184781																										
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Declaration

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

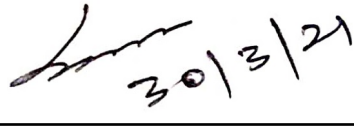
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Mr. Sriram Parthasarathy (Head of Institute) and Mr. Karthick (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

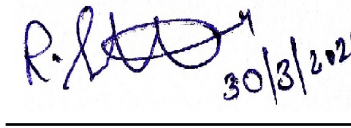
The Head of Institute



30/3/21

Mr. Sriram Parthasarathy
Head of the Institution,
Chennai, Tamil Nadu

Nodal officer



30/3/21

Mr. Karthick
Nodal Officer,
Chennai, Tamil Nadu