

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

Institute Name: Muthayammal Engineering College [ARI-C-36954]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Civil Engineering	Academic Department with lab facility	Structural Engineering	UG / PG / PhD	Technical	103	22	3
Computer Science and Engineering	Academic Department with lab facility	Computational Science & Artificial Intelligence	UG / PG / PhD	Technical	337	30	4
Electronics and Communication Engineering	Academic Department with lab facility	Signal processing & Control Engineering	UG / PG / PhD	Technical	431	44	4
Electrical and Electronics Engineering	Academic Department with lab facility	Power Engineering	UG / PG / PhD	Technical	314	30	3
Information Technology	Academic Department with lab facility	Information Assurance and Security	UG / PG / PhD	Technical	147	13	3
Mechanical Engineering	Academic Department with lab facility	Mechatronics and Robotics Engineering	UG / PG / PhD	Technical	467	41	7
Bio Medical Engineering	Academic Department with lab facility	Neural Engineering	UG / PG / PhD	Technical	23	7	0
Medical Electronics	Academic Department with lab facility	Medical Image Processing	UG / PG / PhD	Technical	9	7	0
Bio Technology	Academic Department with lab facility	Genetic Engineering	UG / PG / PhD	Technical	15	6	0
Chemical Engineering	Academic Department with lab facility	Biomolecular Engineering	UG / PG / PhD	Technical	15	6	0
Master of Business Administration	Academic Department with lab facility	Entrepreneurship and Operations Management	UG / PG / PhD	Technical	74	9	1

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201912128
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required

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

Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	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

Smo	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	Carrier Prospect s of AutoCAD D Electrical	Innovation	Seminar	Institute Activity	Electrical and Electronics Engineering	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)1036	No
2	Recent Trends in CNC Machine Programming and Career Opportunities	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)5572	No
3	Advanced Innovations in Energy Security & Management for Sustainable Future	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	01-08-2019 00:00:00	02-08-2019 00:00:00	2	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)7678	No
4	Placement opportunities of MEPS Design and Drafting Service	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)1250	No
5	Power System Protection and Switchgear	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	21-08-2019 00:00:00	21-08-2019 00:00:00	1	Within Campus	55	0	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)4840	No

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6	Control of Wind Driven Generators	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	27-08-2019 00:00:00	27-08-2019 00:00:00	1	Within Campus	53	0	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2400	No
7	Carrier Opportunities in Power System Industry	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	05-09-2019 00:00:00	05-09-2019 00:00:00	1	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3722	No
8	World Without Engineers- Unimaginable	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14170	No
9	Alumni Interaction	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	27-08-2019 00:00:00	27-08-2019 00:00:00	1	Within Campus	59	0	0	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
10	Product Design and Development	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	58	0	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14667	No
11	Exposure to Product Design and Innovation	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14144	No
12	eSim EDA tool for circuit design	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	65	0	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	945	No

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

13	Transmission and Distribution	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	53	0	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4555	No
14	Product Design Cycle	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	55	0	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15259	No
15	Outcome Based Education - Importance, Implementation and Challenges (OBE-IIC)	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	56	0	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22660	No
16	Alumni Interaction	Innovation	Orientation Session	Institute Lead Activity	Electrical and Electronics Engineering	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	62	0	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
17	Deep Learning and Applications	Innovation	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	23-12-2019 00:00:00	23-12-2019 00:00:00	1	Within Campus	0	30	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4888	No
18	Energy Conservation	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics Engineering	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Outside Campus	65	0	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1337	No
19	Internal Hackathon for Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	Electrical and Electronics Engineering	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	58	0	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3660	No

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

20	MATLAB Onramp	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	55	0	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
21	Carrier Opportunities in Electrical Construction Industry	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	53	0	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	790	No
22	Artificial Intelligence in Distributed Generation and Power Quality	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	59	0	0	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13524	No
23	National Level Technical Symposium SymTric-2020	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
24	Industrial IoT Trends in Digital Manufacturing	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Within Campus	50	25	27	0	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75000	No
25	IoT in Manufacturing	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	104	5	0	0	109	No	No	
26	Hands of Training on Traditional Making of Areca Leaf Plates, Cups and Spoons to the farming Community	Entrepreneurship/Startup	Training	Institute Lead Activity	Mechanical Engineering	16-08-2019 00:00:00	18-08-2019 00:00:00	3	Within Campus	20	0	20	0	40	No	No	

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27	Geometrical Dimensioning and Tolerance (GD & T)	Entrepreneurship/Startup	Training	Institute Lead Activity	Mechanical Engineering	27-08-2019 00:00:00	28-08-2019 00:00:00	2	Within Campus	58	5	15	0	78	No	No
28	Realizing Inner Potential through Neuro Linguistic Programming	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	30-08-2019 00:00:00	31-08-2019 00:00:00	2	Within Campus	73	6	16	0	95	No	No
29	Skill Set Required to Serve in Corporate	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	110	0	0	0	110	No	No
30	Recent Trends in Industrial Automation	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	10-09-2019 00:00:00	10-09-2019 00:00:00	1	Within Campus	47	7	26	0	80	No	No
31	Lean Six Sigma for Operational Excellence	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	30	2	0	0	32	No	No
32	Design Thinking and Art Innovation for Student's Empowerment	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	58	2	15	0	75	No	No
33	Role of Engineer in Core Organization	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	120	8	0	0	128	No	No
34	Role of Engineers in Aeronautics	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	78	3	0	0	81	No	No
35	Career Opportunities in Lean Six Sigma Organization	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Mechanical Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	50	5	0	0	55	No	No
36	Energy Conservation and Management	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	64	10	30	0	104	No	No

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

37	ISRO Space Program and Future Challenge for Young Generation & Aerospace Flight Simulation	Innovation	Awareness	Institute Lead Activity	Mechanical Engineering	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	110	4	0	0	114	No	No
38	Lean Six sigma Green Belt	Entrepreneurship/Startup	Training	Institute Lead Activity	Mechanical Engineering	21-10-2019 00:00:00	24-10-2019 00:00:00	4	Within Campus	30	3	0	0	33	No	No
39	Current Trend in Surface Modification Process of Bio-Implants and FEA application in Orthopedics	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	04-11-2019 00:00:00	06-11-2019 00:00:00	3	Within Campus	56	2	10	0	68	<div>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</div> 50000	No
40	Challenges and Opportunities in Future Automobile	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	16-12-2019 00:00:00	17-12-2019 00:00:00	2	Within Campus	50	25	50	0	125	No	No
41	Data Science and Analytics for Sustainable Development	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	16-12-2019 00:00:00	17-12-2019 00:00:00	2	Within Campus	54	7	12	0	73	<div>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</div> 15000	No
42	Surface Engineering and Micro Machining	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	40	5	20	0	65	No	No
43	Patent and its Importance for Engineering	IPR	Awareness	Institute Lead Activity	Mechanical Engineering	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	110	20	0	0	130	No	No

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

44	Intellectual Property Rights in Technology Transfer and Economic Growth : Prospects and Challenges	IPR	Awareness	Institute Lead Activity	Mechanical Engineering	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	44	6	0	0	50	No	No	
45	Experiential Learning on 3D Printing Techniques	Innovation	Training	Institute Lead Activity	Mechanical Engineering	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	30	5	20	0	55	No	No	
46	Awareness Programme on Entrepreneurship	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Mechanical Engineering	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	62	2	0	0	64	No	No	
47	Lean Six Sigma for Career Excellence	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	30	3	0	0	33	No	No	
48	Career Guidance and Full Stack Development	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	13-07-2019 00:00:00	13-07-2019 00:00:00	1	Within Campus	28	10	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
49	AI and Computing Vision	IPR	Seminar	Institute Lead Activity	Information Technology	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	140	15	0	0	155	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6979	No
50	Transition from College to Corporate	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	26-08-2019 00:00:00	26-08-2019 00:00:00	1	Within Campus	62	72	0	0	134	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2480	No
51	Salesforce SCP ADX 201 Administrator	IPR	Workshop	Institute Lead Activity	Information Technology	26-08-2019 00:00:00	26-08-2019 00:00:00	1	Within Campus	122	2	0	0	124	No	No	

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

52	Machine Learning and Artificial Intelligence Decoded	Innovation	Workshop	Institute Lead Activity	Information Technology	04-09-2019 00:00:00	04-09-2019 00:00:00	1	Within Campus	62	10	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7788	No
53	Recent Trends in Cloud Computing and its Applications	Innovation	Seminar	Institute Lead Activity	Information Technology	09-09-2019 00:00:00	09-09-2019 00:00:00	1	Within Campus	62	10	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5932	No
54	Blockchain Technology	IPR	Seminar	Institute Lead Activity	Information Technology	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	85	10	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12300	No
55	Association Inaugural Function	Innovation	Orientation Session	Institute Lead Activity	Department of Biomedical Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	32	3	0	0	35	No		No
56	Motivation and Placement Preparation	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	60	5	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
57	ONE DAY WORKSHOPS HOP on FUNDAMENTALS OF ELECTRONICS, TROUBLE SHOOTING, & PCB DESIGNING	Innovation	Workshop	Institute Lead Activity	Department of Biomedical Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	32	3	0	0	35	No		No
58	MAINTENANCE AND CALIBRATION OF MEDICAL EQUIPMENTS	Innovation	Workshop	Institute Lead Activity	Department of Biomedical Engineering	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7500	No

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

59	VISUALIZING FUTURE POSSIBILITY OF BIOMEDICAL INDUSTRY	Innovation	Workshop	Institute Lead Activity	Department of Biomedical Engineering	16-12-2019 00:00:00	16-12-2019 00:00:00	1	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
60	SYMBIOCHEM ED	Innovation	Workshop	Institute Lead Activity	Department of Biomedical Engineering	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	32	2	0	0	34	No		No
61	Software Development Life Cycle	Innovation	Seminar	Institute Lead Activity	Information Technology	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	60	5	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
62	Networking and its Applications	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	60	10	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
63	Blockchain Technology-Smart Contract	IPR	Seminar	Institute Lead Activity	Information Technology	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	57	10	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No
64	The Application Artificial Intelligence and Machine Learning for Rural Healthcare-A Research Direction	IPR	Seminar	Institute Lead Activity	Information Technology	23-12-2019 00:00:00	24-12-2019 00:00:00	2	Within Campus	0	18	0	25	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21222	No
65	Data Analytics	IPR	Seminar	Institute Lead Activity	Information Technology	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	30	10	0	0	40	No		No
66	Natural Language Processing	IPR	Training	Institute Lead Activity	Information Technology	06-01-2020 00:00:00	10-01-2020 00:00:00	5	Within Campus	0	23	0	2	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17500	No

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

67	Technical Quiz	Innovation	Skill development	Institute Lead Activity	Information Technology	13-01-2020 00:00:00	13-01-2020 00:00:00	1	Within Campus	90	0	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
68	Paper presentation, Project Innovative Ideas & Logical Reasoning	Innovation	Skill development	Institute Lead Activity	Information Technology	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	147	10	0	0	157	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
69	Code Debugging	Innovation	Skill development	Institute Lead Activity	Information Technology	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	68	0	0	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
70	Measuring The Impact of User Engagement Using Campaign Analytics Methodology	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	52	2	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
71	Artificial Brain	IPR	Innovation Contest	Institute Lead Activity	Information Technology	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	60	1	0	0	61	No	No	
72	Neuro Linguistic Programming	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	55	2	0	0	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
73	Introduction to IOT	IPR	Innovation Contest	Institute Lead Activity	Information Technology	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	60	1	0	0	61	No	No	
74	Machine Learning	IPR	Innovation Contest	Institute Lead Activity	Information Technology	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	58	1	0	0	59	No	No	

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

75	Animation Contest	IPR	Innovation Contest	Institute Lead Activity	Information Technology	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	15	0	0	0	15	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
76	Virtual Reality	IPR	Innovation Contest	Institute Lead Activity	Information Technology	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	60	1	0	0	61	No		No
77	Data Mining	IPR	Innovation Contest	Institute Lead Activity	Information Technology	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	55	1	0	0	56	No		No
78	Big Data	IPR	Innovation Contest	Institute Lead Activity	Information Technology	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	50	1	0	0	51	No		No
79	Computer Networking Approaches and Protocols : A Closer Look	Innovation	Workshop	Institute Lead Activity	Information Technology	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	60	2	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
80	Flipped Classroom Teaching using ICT Tools Outcome Based Learning in technical Education	Innovation	Training	Institute Lead Activity	Information Technology	03-02-2020 00:00:00	09-02-2020 00:00:00	7	Within Campus	0	16	0	11	27	No		No
81	Web Designing	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	20	0	0	0	20	No		No
82	IOT in Raspberry pi	IPR	Innovation Contest	Institute Lead Activity	Information Technology	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	60	1	0	0	61	No		No
83	Android	IPR	Innovation Contest	Institute Lead Activity	Information Technology	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	60	1	0	0	61	No		No
84	Cloud computing	IPR	Innovation Contest	Institute Lead Activity	Information Technology	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	50	1	0	0	51	No		No

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

85	SymITec 2020	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	50	1	0	0	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50015	No
86	Blockchain	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	36	1	0	0	37	No		No
87	Angular and React	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	55	1	0	0	56	No		No
88	Innovation Challenge Contest	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	20	1	0	0	21	No		No
89	Big Data	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	50	1	0	0	51	No		No
90	Mobile Technology	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	35	1	0	0	36	No		No
91	Cloud computing	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	38	1	0	0	39	No		No
92	Drone Technology	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	29	1	0	0	30	No		No
93	Augmented Reality	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	50	1	0	0	51	No		No
94	Hacker Rank-Coding Contest	Innovation	Skill development	Institute Lead Activity	Information Technology	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	29	0	0	0	29	No		No
95	Elocution Contest	Innovation	Seminar	Institute Lead Activity	Information Technology	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	17	0	0	0	17	No		No
96	Mainframe Visionplus	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	49	2	0	0	51	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

97	Career Choice: Data Science, Big Data and Advanced Analytics	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Information Technology	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	60	2	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
98	Alumni Meet	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Information Technology	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	45	7	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
99	Workshop	Innovation	Workshop	Institute Lead Activity	Underwater Acoustic Research Laboratory	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	1	0	0	0	1	No		No
100	Prospectus and Challenges for MBA in India	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Management Studies	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	19853	No
101	Human Values, Corporate expectations and Vibrant Managers' Employability Skills	Innovation	Seminar	Institute Lead Activity	Management Studies	05-10-2019 00:00:00	05-10-2019 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20742	No
102	Entrepreneurship development	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Management Studies	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8334	No
103	Prestressed Concrete	Innovation	Seminar	Institute Lead Activity	Civil Engineering	12-12-2019 00:00:00	12-12-2019 00:00:00	1	Within Campus	110	10	0	0	120	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

104	Digital Marketing with GOOGLE	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Management Studies	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3970	No
105	Big Data Analytics	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Computer Applications	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	64	10	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11630	No
106	SPSS Applications in Research analysis	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Management Studies	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4381	No
107	Talent2k20	Entrepreneurship/Startup	Training	Institute Lead Activity	Management Studies	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	53	7	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	31664	No
108	Role of Social Networking sites in Marketing and Management	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Management Studies	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9146	No
109	Skill Set for 21st Century Managers	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Management Studies	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	78	7	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9946	No
110	Introduction to Machine Learning	IPR	Orientation Session	Institute Lead Activity	CSE	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	57	2	0	0	59	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

111	Recent Trends in Python Programming	IPR	Seminar	Institute Lead Activity	CSE	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	90	0	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
112	Data Science	IPR	Skill development	Institute Lead Activity	CSE	03-07-2019 00:00:00	03-07-2019 00:00:00	1	Within Campus	98	0	0	0	98	No		No
113	Hacking Techniques	Innovation	Mentoring Session	Institute Lead Activity	CSE	05-07-2019 00:00:00	05-07-2019 00:00:00	1	Within Campus	57	2	0	0	59	No		No
114	Nature of Industry Requirements	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	CSE	05-07-2019 00:00:00	05-07-2019 00:00:00	1	Within Campus	90	2	0	0	92	No		No
115	Machine Learning	IPR	Start-up Yatra	Institute Lead Activity	CSE	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	328	21	10	0	359	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	19880	No
116	Center for Campus to Cooperative	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	CSE	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	56	0	0	0	56	No		No
117	Hands on Training - PERL	Entrepreneurship/Startup	Workshop	Institute Lead Activity	CSE	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	85	4	0	2	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6162	No
118	Salesforce SCP ADX 201 Administrator	Innovation	Workshop	Institute Lead Activity	CSE	26-08-2019 00:00:00	27-08-2019 00:00:00	2	Within Campus	122	2	0	0	124	No		No
119	Research Methodologies and documentation	IPR	Seminar	Institute Lead Activity	CSE	30-08-2019 00:00:00	31-08-2019 00:00:00	2	Within Campus	21	27	4	3	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22643	No
120	Ladder for Future Professional	Innovation	Mentoring Session	Institute Lead Activity	CSE	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	85	2	2	0	89	No		No

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

121	Modern Compiler Optimizing Techniques	IPR	Seminar	Institute Lead Activity	CSE	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	98	2	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5036	No
122	Navigation system of ChandrayaanII	Innovation	Skill development	Institute Lead Activity	CSE	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	92	1	0	0	93	No		No
123	Data Communication	Innovation	Skill development	Institute Lead Activity	CSE	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	60	2	0	0	62	No		No
124	Impacts of Green Building	Innovation	Skill development	Institute Lead Activity	CSE	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	51	2	0	0	53	No		No
125	Core Java and Its Concepts	IPR	Skill development	Institute Lead Activity	CSE	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	58	2	0	0	60	No		No
126	Introduction to Python Programming	IPR	Skill development	Institute Lead Activity	CSE	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	56	2	0	0	58	No		No
127	Cloud Computing	IPR	Seminar	Institute Lead Activity	CSE	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	91	2	0	0	93	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5170	No
128	Cryptography and Network Security	IPR	Seminar	Institute Lead Activity	CSE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	87	2	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5452	No
129	Stepping Milestone for Professional	Innovation	Mentoring Session	Institute Lead Activity	CSE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	114	2	0	0	116	No		No
130	Challenges in Data Mining	Innovation	Ideation	Institute Lead Activity	CSE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	114	10	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11000	No

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

131	The Machine Learning Revolution	Innovation	Ideation	Institute Lead Activity	CSE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	114	10	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11000	No
132	Carrier Guidance for the Future	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	CSE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	85	2	0	0	87	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No
133	Tensor Flow Frame Work	Innovation	Seminar	Institute Lead Activity	CSE	03-10-2019 00:00:00	04-10-2019 00:00:00	2	Within Campus	83	0	0	0	83	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7195	No
134	Cloud Literacy Day	Innovation	Workshop	Institute Lead Activity	CSE	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	644	2	3	2	651	No		No
135	Object Oriented Language Contribution towards Design Tool	IPR	Seminar	Institute Lead Activity	CSE	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	90	2	0	0	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5372	No
136	Staircase for Successful Professional	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	CSE	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	0	25	0	5	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
137	R Tool & WEKA - Research Perspective	IPR	Workshop	Institute Lead Activity	CSE	30-10-2019 00:00:00	30-10-2019 00:00:00	1	Within Campus	0	30	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11856	No
138	DEEP SENSE LEARNING FOR CROP HEALTH CARE	Innovation	Seminar	Institute Lead Activity	CSE	07-11-2019 00:00:00	09-11-2019 00:00:00	3	Within Campus	120	40	20	5	185	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	160000	No

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

139	Program ming Awarene ss Week	IPR	Seminar	Institute Lead Activity	CSE	11-11-20 19 00:00:00	15-11-20 19 00:00:00	5	Within Campus	175	0	0	0	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	266	No
140	Artificial Intelligen ce for Engineer s	Innovatio n	Training	Institute Lead Activity	CSE	23-11-20 19 00:00:00	23-11-20 19 00:00:00	1	Within Campus	36	0	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
141	Skill Training in Technolo gy & Soft Skills	IPR	Worksho p	Institute Lead Activity	CSE	03-12-20 19 00:00:00	31-12-20 19 00:00:00	29	Within Campus	55	2	0	0	57	No		No
142	Quality in Engineeri ng Educatio n:Need for Activity Based Teaching Learning	Innovatio n	Training	Institute Lead Activity	CSE	09-03-20 20 00:00:00	15-03-20 20 00:00:00	7	Within Campus	0	36	0	0	36	No		No
143	Python in Industry Perspecti ve	Innovatio n	Skill developm ent	Institute Lead Activity	CSE	04-03-20 20 00:00:00	04-03-20 20 00:00:00	1	Within Campus	27	1	0	0	28	No		No
144	Dell EMC - Data Science and Bigdata Analytics	Innovatio n	Worksho p	Institute Lead Activity	CSE	09-12-20 19 00:00:00	13-12-20 19 00:00:00	5	Within Campus	60	2	0	0	62	No		No
145	Cloud Business Process Services	Innovatio n	Start-up Conclave	Institute Lead Activity	CSE	29-02-20 20 00:00:00	29-02-20 20 00:00:00	1	Within Campus	60	2	0	0	62	No		No
146	Global AI Boot Camp 2019	IPR	Worksho p	Institute Lead Activity	CSE	14-12-20 19 00:00:00	14-12-20 19 00:00:00	1	Within Campus	60	5	0	0	65	No		No
147	Debuggin g Contest	Innovatio n	Innovatio n Contest	Institute Lead Activity	CSE	26-02-20 20 00:00:00	26-02-20 20 00:00:00	1	Within Campus	30	0	0	0	30	No		No
148	ALUMNI MEET- 2019	IPR	Motivatio nal speak	Institute Lead Activity	CSE	21-12-20 19 00:00:00	21-12-20 19 00:00:00	1	Within Campus	100	21	0	0	121	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7017	No

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

149	Open Source Software's	Entrepreneurship/Startup	Skill development	Institute Lead Activity	CSE	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	60	0	0	0	60	No	No
150	24 Hours Hackathon	Entrepreneurship/Startup	Hackathon	Institute Lead Activity	CSE	24-02-2020 00:00:00	25-02-2020 00:00:00	2	Within Campus	85	3	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 28620	No
151	Research and Documentation	IPR	Seminar	Institute Lead Activity	CSE	23-12-2019 00:00:00	23-12-2019 00:00:00	1	Within Campus	0	62	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8788	No
152	World of Data	Innovation	Seminar	Institute Lead Activity	CSE	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	68	2	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No
153	Quiz Buckers	Innovation	Innovation Contest	Institute Lead Activity	CSE	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	36	0	0	0	36	No	No
154	Fuchsia OS	Innovation	Skill development	Institute Lead Activity	CSE	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	45	2	0	0	47	No	No
155	Artificial Intelligence	IPR	Skill development	Institute Lead Activity	CSE	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	54	2	0	0	56	No	No
156	Salesforce Awareness	IPR	Boot camp	Institute Lead Activity	CSE	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	105	0	0	0	105	No	No
157	Machine Learning	IPR	Skill development	Institute Lead Activity	CSE	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	30	2	0	0	32	No	No
158	SymCoSci 2020	Entrepreneurship/Startup	Exhibition	Institute Lead Activity	CSE	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	335	25	70	0	430	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 95931	No

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

159	Engineering Education : Pedagogical Issues And Outcome Base Learning	IPR	Training	Institute Lead Activity	CSE	10-02-2020 00:00:00	16-02-2020 00:00:00	7	Within Campus	0	42	0	0	42	No	No	
160	SEO-Search Engine Optimization	Entrepreneurship/Startup	Skill development	Institute Lead Activity	CSE	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	34	0	0	0	34	No	No	
161	MoU with Uipath	Innovation	Start-up Yatra	Institute Lead Activity	CSE	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	30	10	0	0	40	No	No	
162	Job Opportunity in Information Security	Entrepreneurship/Startup	Seminar	Institute Lead Activity	CSE	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	90	4	0	0	94	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000		No
163	Technology needs in Future Education	IPR	Innovation Contest	Student Lead Activity	CSE	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	14	0	0	0	14	No	No	
164	Animation Contest	Innovation	Innovation Contest	Student Lead Activity	CSE	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	20	0	0	0	20	No	No	
165	Salesforce Basic Handon Training	Innovation	Boot camp	Institute Lead Activity	CSE	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	55	2	0	0	57	No	No	
166	Adaptive Arrays for Mobile Communication Applications	Innovation	Skill development	Institute Lead Activity	ECE	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
167	Nanoelectronic Devices and Systems - Simulation and Fabrication	Innovation	Seminar	Institute Lead Activity	ECE	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
168	Internet Technology	Innovation	Seminar	Institute Lead Activity	ECE	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	88	0	0	0	88	No	No	

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

169	Gateway to Higher Education	Innovation	Seminar	Institute Lead Activity	ECE	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	312	0	0	0	312	No	No
170	Reconfigurable Architecture and its Applications	Innovation	Training	Institute Lead Activity	ECE	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
171	Wi – Max	Innovation	Innovation Contest	Institute Lead Activity	ECE	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	46	0	0	0	46	No	No
172	Nano materials and its biological application	Innovation	Seminar	Institute Lead Activity	ECE	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	54	0	0	0	54	No	No
173	MEMS Technology	Innovation	Seminar	Institute Lead Activity	ECE	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No
174	Internet of Things	Innovation	Seminar	Institute Lead Activity	ECE	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No
175	Unmanned Aerial Vehicle	Innovation	Seminar	Institute Lead Activity	ECE	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No
176	HANDS ON TRAINING IN VIRTUAL LAB FOR EMBEDDED SYSTEMS	Innovation	Skill development	Institute Lead Activity	ECE	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	20	0	0	0	20	No	No
177	Engineer Your Friend	Innovation	Skill development	Institute Lead Activity	ECE	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	47	0	0	0	47	No	No
178	Automation & Data Analysis for Electronics Engineers	Innovation	Seminar	Institute Lead Activity	ECE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	85	0	0	0	85	No	No
179	Hands on Training on LoRa (Smart Cities)	Innovation	Workshop	Institute Lead Activity	ECE	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	32	0	0	0	32	No	No
180	Organic Transistors	Innovation	Seminar	Institute Lead Activity	ECE	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No

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

181	5G Technology	Innovation	Skill development	Institute Lead Activity	ECE	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No
182	Li-Fi Technology	Innovation	Seminar	Institute Lead Activity	ECE	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	52	0	0	0	52	No	No
183	Drone and Robotics for ECE engineers	Innovation	Seminar	Institute Lead Activity	ECE	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	160	0	0	0	160	No	No
184	Electronics Industrial IOT Cyber Security	Innovation	Seminar	Institute Lead Activity	ECE	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	160	0	0	0	160	No	No
185	Role of Electronics in Automotive Advancements	Innovation	Seminar	Institute Lead Activity	ECE	05-10-2019 00:00:00	05-10-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
186	Python Productivity for Zynq All Program mable System on Chip using Pynq	Innovation	Seminar	Institute Lead Activity	ECE	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	23	0	0	0	23	No	No
187	Research and Internship Opportunities in Engineering & Technology	Innovation	Seminar	Institute Lead Activity	ECE	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	78	0	0	0	78	No	No
188	Machine Learning	Innovation	Seminar	Institute Lead Activity	ECE	25-10-2019 00:00:00	25-10-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
189	Writing Scientific Articles for SCI Journals	Innovation	Skill development	Institute Lead Activity	ECE	25-10-2019 00:00:00	25-10-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
190	Humanoids	Innovation	Seminar	Institute Lead Activity	ECE	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	48	2	0	0	50	No	No
191	Zero Energy Building	Innovation	Seminar	Institute Lead Activity	ECE	12-12-2019 00:00:00	12-12-2019 00:00:00	1	Within Campus	55	2	0	0	57	No	No

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

192	Bionic Eye	Innovation	Seminar	Institute Lead Activity	ECE	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	41	2	0	0	43	No	No	
193	Micro Electronic Pill	Innovation	Seminar	Institute Lead Activity	ECE	18-12-2019 00:00:00	18-12-2019 00:00:00	1	Within Campus	44	2	0	0	46	No	No	
194	Design of Antennas and RF Microwave Components using CST MWS	Innovation	Skill development	Institute Lead Activity	ECE	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	25	10	0	20	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
195	Wearable Supernumerary Robotic Arms	Innovation	Skill development	Institute Lead Activity	ECE	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	50	15	0	2	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15035	No
196	Hands on Training in Virtual Lab for Basic Electrical & Electronics	Innovation	Workshop	Institute Lead Activity	ECE	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	0	0	0	75	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5800	No
197	Hands on Training in Virtual Lab for Circuit Branches	Innovation	Workshop	Institute Lead Activity	ECE	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	93	1	0	0	94	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9400	No
198	DevOps	Innovation	Workshop	Institute Lead Activity	ECE	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	36	2	0	0	38	No	No	
199	Quantum Computing	Innovation	Workshop	Institute Lead Activity	ECE	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	47	2	0	0	49	No	No	
200	Optical Computers	Innovation	Seminar	Institute Lead Activity	ECE	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	45	2	0	0	47	No	No	
201	OLED	Innovation	Seminar	Institute Lead Activity	ECE	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	42	2	0	0	44	No	No	
202	Li-Fi Technology	Innovation	Seminar	Institute Lead Activity	ECE	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	25	2	0	0	27	No	No	
203	5G Technology	Innovation	Skill development	Institute Lead Activity	ECE	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	26	2	0	0	28	No	No	

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

204	Anti Solar Panel Generate s Electricity in the Dark	Innovatio n	Skill developm ent	Institute Lead Activity	ECE	27-02-20 20 00:00:00	27-02-20 20 00:00:00	1	Within Campus	27	2	0	0	29	No	No
205	VO Wi-Fi	Innovatio n	Skill developm ent	Institute Lead Activity	ECE	27-02-20 20 00:00:00	27-02-20 20 00:00:00	1	Within Campus	42	1	0	0	43	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

Smo	Name of Program (Full Name)	Program Theme	Program Type	Organizin g Agency / Institute Name	Organizin g Agency Type	Program Start Date	Program End Date	Program Duration(In Days)	Participa nts (Students)	Participa nts (Faculty)	Total Number of Participa nts	Awards/R ecognitio ns/Achiev ements	Award / Position / Recogniti on Secured	Title of Innovatio n / Start-up Secured the Award / Recogniti on	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	A novel front and converter for parallel hybridizati on of renewabl e energy	Innovatio n	Conferen ce	Selvam college of Technolo gy	Educatio nal Institute	04-03-20 20 00:00:00	05-03-20 20 00:00:00	2	1	0	1	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 1500	No
2	Finest Power quality enhance ment of shipboar d power syatem using hybrid active	Innovatio n	Conferen ce	Selvam college of Technolo gy	Educatio nal Institute	04-03-20 20 00:00:00	05-03-20 20 00:00:00	2	2	0	2	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 1500	No
3	Prototype of Solar Charging Solutions for Electric Vehicle in India	Innovatio n	Conferen ce	Dhanalak shmi srinivasa n college of Engineeri ng	Educatio nal Institute	03-03-20 20 00:00:00	03-03-20 20 00:00:00	1	1	0	1	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 1500	No
4	Smart College bus monitorin g and tracking system using IOT	Innovatio n	Conferen ce	Dhanalak shmi srinivasa n college of Engineeri ng	Educatio nal Institute	02-03-20 20 00:00:00	02-03-20 20 00:00:00	1	3	0	3	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 2000	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

5	Automati c Street Light Control by detecting vehicle move ment	Innovatio n	Conferen ce	Dhanalak shmi srinivasa n college of Engineeri ng	Educatio nal Institute	02-03-20 20 00:00:00	02-03-20 20 00:00:00	1	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	No
6	PLC	Innovatio n	Skill developm ent	Value added Institute	Educatio nal Institute	03-01-20 20 00:00:00	03-01-20 20 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
7	SCADA	Innovatio n	Skill developm ent	Value added Institute	Educatio nal Institute	03-01-20 20 00:00:00	03-01-20 20 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
8	Manfactu ring of Relays	Innovatio n	Training	Megawin Switchge ar	Non- Govt. Agencies	06-01-20 20 00:00:00	08-01-20 20 00:00:00	3	7	0	7	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	7000	No
9	Power generatio n	Innovatio n	Training	Thermal power station	Govt. Agency (State)	06-01-20 20 00:00:00	11-01-20 20 00:00:00	6	14	0	14	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	15000	No
10	3 day boot camp for tnsi 2019	Innovatio n	Innovatio n Contest	Anna university coimbatore	Educatio nal Institute	30-01-20 20 00:00:00	01-02-20 20 00:00:00	3	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3000	No
11	PV Integrate d Highly Efficient Quasi Z- source inverter by using Adaptive neuro fuzzy inference system	Innovatio n	Conferen ce	Salvam college of Technolo gy	Educatio nal Institute	04-03-20 20 00:00:00	05-03-20 20 00:00:00	2	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	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

12	A noel self ruling and MPPT Scheme for Power Processing control of PV grid system using three port converter	Innovation	Conference	Rathinam Technical Campus	Educational Institute	21-03-2020 00:00:00	21-03-2020 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	No
13	AMF with solar EB and generator using PLC	Innovation	Conference	Kalaingar Karunanithi Institute of Technology	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	No
14	IOT Based Automation	Innovation	Workshop	Paavai Engineering college	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	14	0	14	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	6000	No
15	Photovoltaic system Design	Innovation	Workshop	PSG College of Technology	Educational Institute	28-09-2019 00:00:00	29-09-2019 00:00:00	2	7	0	7	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3000	No
16	Drone Design Fabrication and Testing	Innovation	Workshop	Excel Engineering College	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2000	No
17	Industrial Automation	Innovation	Workshop	Kongundu College of Engineering	Educational Institute	08-07-2019 00:00:00	08-07-2019 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No
18	Energy Audit , Energy Conservation and energy Management	Innovation	Workshop	Dhirajlal gandhi College of technology	Educational Institute	26-07-2019 00:00:00	27-07-2019 00:00:00	2	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	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	Image Processing Using Matlab	Innovation	Workshop	Kongu College of Engineering	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3000	No
20	Matlab and Simulink	Innovation	Workshop	VINAYAK A MISSION Engineering College	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2000	No
21	Industrial Automation	Innovation	Workshop	Jansons Institute of Technology	Educational Institute	13-07-2019 00:00:00	13-07-2019 00:00:00	1	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3000	No
22	Embedded system - RTOS	Innovation	Workshop	Sona College of Engineering	Educational Institute	22-07-2019 00:00:00	23-07-2019 00:00:00	2	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
23	Winter startup sandbox	Innovation	Workshop	IIITDM kancheepuram, Chennai	Educational Institute	12-12-2019 00:00:00	20-12-2019 00:00:00	9	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
24	Smart Irrigation system	Innovation	Workshop	Sona college of Technology	Educational Institute	05-02-2020 00:00:00	05-02-2020 00:00:00	1	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
25	Lab view programming and its hardware	Innovation	Workshop	M Kumaramy College of Engineering	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	6	0	6	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	4000	No
26	Texas Instrument Embedded	Innovation	Workshop	PSG Institute of Technology	Educational Institute	05-02-2020 00:00:00	06-02-2020 00:00:00	2	9	0	9	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	6000	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

27	New energ	Innovatio n	Worksho p	Chennai Institute of Technolo gy	Educatio nal Institute	28-02-20 20 00:00:00	29-02-20 20 00:00:00	2	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No						
28	PCB Designin g	Innovatio n	Worksho p	Chennai Institute of Technolo gy	Educatio nal Institute	28-02-20 20 00:00:00	29-02-20 20 00:00:00	2	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No						
29	GUEST LECTUR E	Entrepre neurship/ Startup	Motivatio nal speak	MUTHAY AMMAL ENGINE ERING COLLEG E	Educatio nal Institute	10-04-20 19 00:00:00	10-04-20 19 00:00:00	1	80	4	84	Yes	0	0	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	<table><tr><td>Award / Position / Recognition Secured</td><td>0</td></tr><tr><td>Title of Innovation / Start-up Secured the Award / Recognition</td><td>0</td></tr><tr><td>Award/Recog nition/Achieve ment Received for</td><td>Business Model/Start up</td></tr></table>	Award / Position / Recognition Secured	0	Title of Innovation / Start-up Secured the Award / Recognition	0	Award/Recog nition/Achieve ment Received for	Business Model/Start up
Award / Position / Recognition Secured	0																						
Title of Innovation / Start-up Secured the Award / Recognition	0																						
Award/Recog nition/Achieve ment Received for	Business Model/Start up																						
30	eSim	Innovatio n	Worksho p	K S R Institute for Engineer ing and Techno logy,Tiruch engode	Educatio nal Institute	20-09-20 19 00:00:00	20-09-20 19 00:00:00	1	0	1	1	Yes	Nil	Nil	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300	<table><tr><td>Award / Position / Recognition Secured</td><td>Nil</td></tr><tr><td>Title of Innovation / Start-up Secured the Award / Recognition</td><td>Nil</td></tr><tr><td>Award/Recog nition/Achieve ment Received for</td><td>Idea/Innova tion/Prototy pe</td></tr></table>	Award / Position / Recognition Secured	Nil	Title of Innovation / Start-up Secured the Award / Recognition	Nil	Award/Recog nition/Achieve ment Received for	Idea/Innova tion/Prototy pe
Award / Position / Recognition Secured	Nil																						
Title of Innovation / Start-up Secured the Award / Recognition	Nil																						
Award/Recog nition/Achieve ment Received for	Idea/Innova tion/Prototy pe																						
31	REALTIM E ACQUIISI TION OF BIOSIGN ALS USING DISCOV ERY KIT	Innovatio n	Worksho p	KPR INSTITUTE OF ENGINEERING.C OIMBATORE	Educatio nal Institute	21-02-20 20 00:00:00	21-02-20 20 00:00:00	1	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	100	No						
32	PCB DESIGNI NG	Innovatio n	Worksho p	KPR INSTITUTE OF ENGINEERING.C OIMBATORE	Educatio nal Institute	22-02-20 20 00:00:00	22-02-20 20 00:00:00	1	9	1	10	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	100	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

33	Sports Biomechanics and Evaluation Techniques	Innovation	Workshop	PSG Institute of Technology, Coimbatore	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No
34	Transmission Lines and RF Systems	Innovation	Workshop	PSG Institute of Technology, Coimbatore	Educational Institute	02-12-2019 00:00:00	02-12-2019 00:00:00	1	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300	No
35	DIST-TECHFEST 2K19	Innovation	Workshop	DHANALAKSHMI SRINIVASAN INSTITUTE OF TECHNOLOGY	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	2	0	2	No	---	---	No		No
36	Deep Learning and Applications	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	4	4	No	---	---	No		No
37	Green Communication Networks and Simulation of Wireless Networks Using NS-3	Innovation	Skill development	S.A.Engineering College, Chennai	Educational Institute	02-12-2019 00:00:00	07-12-2019 00:00:00	6	0	4	4	No	---	---	No		No
38	VLSI Chip Design Hands on using Open Source EDA	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	16-12-2019 00:00:00	20-12-2019 00:00:00	5	0	5	5	No	---	---	No		No
39	Transmission lines and RF systems	Innovation	Skill development	PSG Institute of Technology and Applied Research, Coimbatore	Educational Institute	02-12-2019 00:00:00	07-12-2019 00:00:00	6	0	2	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

40	Smart Irrigation System Using Intelligent Techniques	Innovation	Skill development	Sona College of Technology, Salem	Educational Institute	05-02-2020 00:00:00	05-02-2020 00:00:00	1	0	3	3	No	---	---	No	No
41	Cellulosic Nanomaterials for Flexible Electronics Ideation to Production	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	10-02-2020 00:00:00	11-02-2020 00:00:00	2	0	3	3	No	---	---	No	No
42	Python Programming with Industry Perspective	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
43	AI and Machine Learning	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	23-12-2019 00:00:00	27-12-2019 00:00:00	5	0	5	5	No	---	---	No	No
44	FDP on Fostering Ethics, Moral Values And Character Building	Innovation	Training	Nandha Engineering College	Educational Institute	24-06-2019 00:00:00	07-07-2019 00:00:00	14	0	1	1	No	---	---	No	No
45	ANGULAR JS	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	08-01-2020 00:00:00	10-01-2020 00:00:00	3	0	1	1	No	---	---	No	No
46	Seminar On Machine Learning with Hands on workshop using weka Tool and R Programming	Innovation	Seminar	R.M.D. Engineering College	Educational Institute	17-07-2019 00:00:00	18-07-2019 00:00:00	2	0	1	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

47	Applications of machine learning in 5G wireless communication	Innovation	Skill development	Mahendrapur Engineering College	Educational Institute	10-02-2020 00:00:00	11-02-2020 00:00:00	2	0	1	1	No	---	---	No	No
48	Natural Language Processing	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	06-01-2020 00:00:00	10-01-2020 00:00:00	5	0	3	3	No	---	---	No	No
49	Workshop on Python	Innovation	Workshop	Sri Shanmuga College of Engineering and Technology	Educational Institute	24-06-2019 00:00:00	24-06-2019 00:00:00	1	0	2	2	No	---	---	No	No
50	ICT Tools for Teaching Learning Process Institutes	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	13-01-2020 00:00:00	17-01-2020 00:00:00	5	0	2	2	No	---	---	No	No
51	Design of Antenna and RF Microwave components using CSTMW S	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	0	2	2	No	---	---	No	No
52	FDP on Cyber Security	Innovation	Training	Government College of Engineering, Srirangam	Educational Institute	21-10-2019 00:00:00	25-10-2019 00:00:00	5	0	1	1	No	---	---	No	No
53	Graphene and its Derivatives in 3D Printing The Possible Biological Outcomes and Toxicity	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	09-01-2020 00:00:00	10-01-2020 00:00:00	2	0	2	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

54	MEMS Sensor Technologies for Human Centred applications in Healthcare, Safety and Environment	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	27-01-2020 00:00:00	28-01-2020 00:00:00	2	0	2	2	No	---	---	No	No
55	FDP on Data Science and Big Data Analytics	Innovation	Training	Karpagam College of Engineering (Autonomous)	Educational Institute	18-11-2019 00:00:00	22-11-2019 00:00:00	5	0	1	1	No	---	---	No	No
56	One Day Workshop on Arduino	Innovation	Skill development	Sona College of Technology, Salem Sponsor BY IIT BOMBAY	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
57	PAPER PRESENTATION	Innovation	Workshop	AVS COLLEGE OF TECHNOLOGY	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	3	0	3	No	---	---	No	No
58	ADVANCED MATERIALS SYNTHESIS CHARACTERIZATION AND APPLICATIONS	Innovation	Workshop	SONA COLLEGE OF TECHNOLOGY	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	2	0	2	No	---	---	No	No
59	ARTIFICIAL INTELLIGENCE	Innovation	Workshop	SENGUNTHAR COLLEGE OF ENGINEERING	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	16	0	16	No	---	---	No	No
60	PYTHON PROGRAMMING WITH ANGULAR JS	Innovation	Workshop	EXCEL ENGINEERING COLLEGE	Educational Institute	05-10-2019 00:00:00	05-10-2019 00:00:00	1	7	0	7	No	---	---	No	No
61	DOMAIN BASED CHIP LEVEL TECHNOLOGY	Innovation	Workshop	SALEM COLLEGE OF ENGINEERING	Educational Institute	07-08-2019 00:00:00	07-08-2019 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

62	How to write Research paper Effectively	Innovation	Workshop	Anna University, Chennai	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	0	1	1	No	---	---	No	No
63	Current Trends and Future Scope of Non Ferrous Light weight Materials	Innovation	Seminar	Sri Venkateshwara Hi-Tech Engineering college	Educational Institute	13-07-2019 00:00:00	13-07-2019 00:00:00	1	0	1	1	No	---	---	No	No
64	Fibre Reinforced concrete	Innovation	Workshop	Madras Institute of Technology	Educational Institute	12-10-2019 00:00:00	12-10-2019 00:00:00	1	0	1	1	No	---	---	No	No
65	Publishing Articles in SCI Indexed Journals and Filing IPR	Innovation	Workshop	KSR Institute for Engineering and Technology	Educational Institute	25-07-2019 00:00:00	26-07-2019 00:00:00	2	0	2	2	No	---	---	No	No
66	WEB APPLICATION DEVELOPMENT BY USING PHP LARAVEL FRAMEWORK	Innovation	Workshop	GNANA MANI COLLEGE OF TECHNOLOGY	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	5	0	5	No	---	---	No	No
67	BLOCK CHAIN	Innovation	Workshop	MADRAS INSTITUTE OF TECHNOLOGY	Educational Institute	05-01-2020 00:00:00	05-01-2020 00:00:00	1	20	0	20	No	---	---	No	No
68	CYBER SECURITY FOR WEB APPLICATIONS and EMBDED SYSTEMS	Innovation	Seminar	JANSONS INSTITUTE OF TECHNOLOGY	Educational Institute	08-01-2020 00:00:00	08-01-2020 00:00:00	1	12	0	12	No	---	---	No	No
69	DISTRICT SKILL COMPETITION 2020 on Cloud computing	Innovation	Innovation Contest	GNANA MANI COLLEGE OF TECHNOLOGY	Educational Institute	23-01-2020 00:00:00	23-01-2020 00:00:00	1	14	0	14	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

70	RECENT TRENDS IN APPLICATIONS OF ROBOTICS AT UBIQUITOUS CLOUD BASED MANUFACTURING SYSTEMS	Innovation	Seminar	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	13	0	13	No	---	---	No	No
71	The Application of Artificial Intelligence and Machine Learning for Rural Healthcare A Research Direction	Entrepreneurship/Startup	Seminar	Muthayammal Engineering College	Educational Institute	23-12-2019 00:00:00	24-12-2019 00:00:00	2	0	3	3	No	---	---	No	No
72	Natural Language Processing	Entrepreneurship/Startup	Skill development	Muthayammal Engineering College	Educational Institute	06-01-2020 00:00:00	10-01-2020 00:00:00	5	0	3	3	No	---	---	No	No
73	Tally with GST	Entrepreneurship/Startup	Workshop	Salem Sowdeswari College, Salem	Non-Govt. Agencies	01-08-2019 00:00:00	01-08-2019 00:00:00	1	0	6	6	No	---	---	No	No
74	Diversity and Inclusion A Business Imperative	Entrepreneurship/Startup	Skill development	JAIN Deemed to be University-CMS Business School	Non-Govt. Agencies	21-09-2019 00:00:00	21-09-2019 00:00:00	1	7	1	8	No	---	---	No	No
75	Challenges in Management For Next Generation	Entrepreneurship/Startup	Conference	KSR College of Engineering Tiruchengodu	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	10	6	16	No	---	---	No	No
76	Global young Leadership Fellow Program	Entrepreneurship/Startup	Workshop	IIT Delhi	Educational Institute	12-10-2019 00:00:00	12-10-2019 00:00:00	1	1	8	9	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	VIZSTA 19	Innovation	Exhibition	Velalar College of Engineering College Erode	Educational Institute	24-10-2019 00:00:00	24-10-2019 00:00:00	1	9	0	9	No	---	---	No	No	
78	Growth and Impact of Cryptocurrencies and Block Chain in India	Innovation	Conference	KSR Collge of Engineering, Tiruchengodu	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	18	5	23	No	---	---	No	No	
79	Deep Learning and Application	Entrepreneurship/Startup	Skill development	Muthayammal Engineering College	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	1	1	No	---	---	No	No	
80	Business Opportunities For Young Women In India	Entrepreneurship/Startup	Workshop	Laxminarayana Arts and Science college for Women, Dharmapuri	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	24	5	29	No	---	---	No	No	
81	URJITH 2020	Innovation	Skill development	GRG School of Management, Coimbatore	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	8	0	8	No	---	---	No	No	
82	Transforming economy through business innovation in technological ERA	Entrepreneurship/Startup	Conference	Padmavani Arts and Science College for women salem	Educational Institute	14-02-2020 00:00:00	14-02-2020 00:00:00	1	6	4	10	No	---	---	No	No	
83	The Art of Writing and publishing Research paper in Reputed journals	Innovation	Skill development	SS Duraisamy Nadar Mariammal College kovilpatti	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	0	5	5	No	---	---	No	No	
84	3D Printing	Innovation	Workshop	K.Ramakrishnan college of Technology	Educational Institute	19-07-2019 00:00:00	19-07-2019 00:00:00	1	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)800		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

85	Energy storage systems	Innovation	Seminar	Hindustan institute of Technology	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1600	No
86	Advances in finite analysis in structural Engineering	Innovation	Workshop	Kongu Engineering College	Educational Institute	26-07-2019 00:00:00	27-07-2019 00:00:00	2	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1400	No
87	Drone design and simulation in CATIA	Innovation	Training	M.Kumarasamy Engineering College	Educational Institute	27-07-2019 00:00:00	27-07-2019 00:00:00	1	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No
88	Mini bike Design and Fabrication Techniques	Innovation	Skill development	Karpagam college of Engineering	Educational Institute	09-08-2019 00:00:00	09-08-2019 00:00:00	1	3	0	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1200	No
89	Factory Automation Program mable logic Controller	Innovation	Training	PSG College of Technology	Educational Institute	05-08-2019 00:00:00	06-08-2019 00:00:00	2	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1000	No
90	Auto Mechanism	Innovation	Workshop	IIT, Pallakad	Educational Institute	24-08-2019 00:00:00	24-08-2019 00:00:00	1	14	0	14	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2800	No
91	Energy auditing and management	Innovation	Workshop	Periyar University,Salem	Educational Institute	28-08-2019 00:00:00	29-08-2019 00:00:00	2	9	0	9	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	900	No
92	MAT LAB and e vehicles	Innovation	Skill development	Vinayaka Missions Research Foundation	Educational Institute	28-08-2019 00:00:00	29-08-2019 00:00:00	2	7	0	7	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1050	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

93	Light weight materials	Innovation	Workshop	AVS College of Technology	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	600	No
94	Energy audit and water management in dairy industry	Entrepreneurship/Startup	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	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	800	No
95	Composite materials	Innovation	Workshop	Mahendra college of Engineering	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	6	0	6	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	600	No
96	Advanced materials	Innovation	Workshop	Sona college of Technology	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	13	0	13	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	3250	No
97	Innovation entrepreneurship development programme	Innovation	Awareness	Sona college of Technology	Educational Institute	11-01-2020 00:00:00	11-01-2020 00:00:00	1	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	500	No
98	Emerging technologies in welding	Innovation	Workshop	Kongunda Engineering college	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	11	0	11	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2200	No
99	Entrepreneurship skill	Entrepreneurship/Startup	Skill development	Kathir college of Engineering	Educational Institute	30-01-2020 00:00:00	31-01-2020 00:00:00	2	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1200	No
100	Robotics	Innovation	Workshop	VIT Chennai	Educational Institute	21-01-2020 00:00:00	22-01-2020 00:00:00	2	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	800	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

101	CNC and Robotics	Innovation	Skill development	Dheeraj Lal Gandhi college of Technology	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	3	0	3	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 300	No
102	Robotics	Innovation	Workshop	VSB Engineering college	Educational Institute	07-03-2020 00:00:00	07-03-2020 00:00:00	1	6	0	6	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 1200	No
103	3D printing	Innovation	Workshop	Kongu Engineering College	Educational Institute	14-03-2020 00:00:00	14-03-2020 00:00:00	1	6	0	6	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 2400	No
104	IIC Innovation Ambassador Training Series	Innovation	Training	MHRD, Government of India	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	1	0	1	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> 2400	No
105	Webinar	Innovation	Seminar	Muthayammal engineering college	Educational Institute	11-02-2020 00:00:00	11-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
106	Webinar	Innovation	Seminar	Muthayammal engineering college	Educational Institute	09-01-2020 00:00:00	09-01-2020 00:00:00	1	0	2	2	No	---	---	No	No
107	Python Programming with Industry Perspective	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
108	AI and Machine Learning	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	23-12-2019 00:00:00	27-12-2019 00:00:00	5	0	5	5	No	---	---	No	No
109	ANGULAR JS	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	08-01-2020 00:00:00	10-01-2020 00:00:00	3	0	1	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

110	Applications of machine learning in 5G wireless communication	Innovation	Workshop	Mahendrapur Engineering College	Educational Institute	10-02-2020 00:00:00	11-02-2020 00:00:00	2	0	1	1	No	---	---	No	No
111	Natural Language Processing	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	06-01-2020 00:00:00	10-01-2020 00:00:00	5	0	3	3	No	---	---	No	No
112	ICT Tools for Teaching Learning Process Institutes	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	13-01-2020 00:00:00	17-01-2020 00:00:00	5	0	2	2	No	---	---	No	No
113	Design of Antenna and RF Microwave components using CSTMW S	Innovation	Workshop	Muthayammal Engineering College, Rasipuram	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	0	10	10	No	---	---	No	No
114	Graphene and its Derivatives in 3D Printing The Possible Biological Outcomes and Toxicity	Innovation	Skill development	Muthayammal Engineering College, Rasipuram	Educational Institute	03-01-2020 00:00:00	10-01-2020 00:00:00	8	0	2	2	No	---	---	No	No
115	MEMS Sensor Technologies for Human Centred applications in Healthcare Safety and Environment	Innovation	Seminar	Muthayammal Engineering College Rasipuram	Educational Institute	27-01-2020 00:00:00	28-01-2020 00:00:00	2	0	2	2	No	---	---	No	No
116	One Day Workshop on Arduino	Innovation	Workshop	Sona College of Technology Salem Sponsor BY IIT BOMBAY	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	0	1	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

117	Python Programming with Angular JS	Innovation	Training	Excel Engineering College	Educational Institute	05-10-2019 00:00:00	05-10-2019 00:00:00	1	12	0	12	No	---	---	No	No
118	Artificial Intelligence Workshop	Innovation	Training	Sengunthar College of Engineering	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	11	0	11	No	---	---	No	No
119	FDP on Fostering Ethics,Moral Values And Character Building	Innovation	Training	Nandha Engineering College	Educational Institute	26-06-2019 00:00:00	07-07-2019 00:00:00	12	0	1	1	No	---	---	No	No
120	Web Application Development using PHP Laravel Framework	Innovation	Training	Gnanamani College of Technology	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	5	0	5	No	---	---	No	No
121	R Tool and WEKA Research Perspective	Innovation	Training	Muthayammal Engineering College	Educational Institute	30-10-2019 00:00:00	30-10-2019 00:00:00	1	0	17	17	No	---	---	No	No
122	Data Science	Innovation	Training	IIT madras Research park	Educational Institute	22-09-2019 00:00:00	22-09-2019 00:00:00	1	3	0	3	No	---	---	No	No
123	Deep learning and Machine learning	IPR	Training	Dhirajlal Gandhi College	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	8	0	8	No	---	---	No	No
124	Intellectual Property Rights in Technology Transfer and Economic Growth Prospect us and Challenge	Innovation	Training	CSIR Sponsored Muthayammal Engineering College	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	0	1	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

125	Ethical Hacking	Innovation	Training	Symposium Novitas2020 Dhirajal Gandhi College	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	5	0	5	No	---	---	No	No
126	Recent Developments in Industries and Evolution of industrial 4.0	Entrepreneurship/Startup	Training	K.Ramakrishnan College of Technology, Trichy	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	0	1	1	No	---	---	No	No
127	Block Chain Technology	Innovation	Training	Symposium UTSAHA 2020 KSR College of Technology	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	10	0	10	No	---	---	No	No
128	Amazon Web Service	Innovation	Training	Madras Institute of Technology	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	3	0	3	No	---	---	No	No
129	Machine Learning With Hands on Workshop using Weka Tool and R Programming	Entrepreneurship/Startup	Training	R.M.D. Engineering College	Educational Institute	17-06-2019 00:00:00	18-06-2019 00:00:00	2	5	10	15	No	---	---	No	No
130	Embedded system using Arduino UNO R3	Innovation	Training	Erode Sengunthar Engineering College	Educational Institute	06-02-2020 00:00:00	07-02-2020 00:00:00	2	2	0	2	No	---	---	No	No
131	Fostering Ethics, Moral Values and Character Building in Technical Education	Innovation	Training	Nandha Engineering College (Autonomous), Erode	Educational Institute	24-06-2019 00:00:00	07-07-2019 00:00:00	14	0	2	2	No	---	---	No	No
132	Staad Pro	IPR	Training	PSG Institute of Technology	Educational Institute	05-02-2020 00:00:00	06-02-2020 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

133	FDP on Cyber security	Innovation	Training	Government College of Engineering, Srirangam	Educational Institute	21-10-2019 00:00:00	25-10-2019 00:00:00	5	0	4	4	No	---	---	No	No
134	AI and Machine Learning	Innovation	Training	Electronics ICT Academy (MNIT Jaipur)	Educational Institute	23-12-2019 00:00:00	27-12-2019 00:00:00	5	0	8	8	No	---	---	No	No
135	ATAL Artificial Intelligence Concepts and Applications	Innovation	Training	Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram	Educational Institute	04-12-2019 00:00:00	08-12-2019 00:00:00	5	1	1	2	No	---	---	No	No

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

Smo	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	Technical English	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
2	Matrices Calculus and Differential Equations	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
3	Material Science	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
4	Engineering Chemistry	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
5	Fundamentals of Computing and Programming	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
6	Basic of Civil and Mechanical Engineering	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
7	Engineering Practices for Electrical Sciences	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	31-07-2019	30-11-2019	123	Offline	90	45
8	Transforms and Partial Differential Equations	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45

9	Electronic Devices and Circuits	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45
10	Measurement and Instrumentation	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45
11	Electromagnetic Theory	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45
12	DC machines and Transformers	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45
13	Object Oriented Programming	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	113	45
14	Communication Engineering	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
15	Power Electronics	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
16	Control Systems	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
17	Design of Electrical Apparatus	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
18	Transmission and Distribution	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
19	Microprocessors and Microcontrollers	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
20	Total Quality Management	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	90	45
21	Principles of Management and Engineering Ethics	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	110	45
22	Power System Protection and Switchgear	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	110	45
23	Power Electronics for Renewable Energy Systems	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	110	45
24	Special Electrical Machines	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	110	45
25	Bio Medical Engineering	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	01-07-2019	12-10-2019	104	Offline	110	45
26	Communicative English	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45

27	Laplace Transforms and Vector Calculus	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
28	Engineering Physics	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
29	Environmental Science and Engineering	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
30	Engineering Graphics	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
31	Electric Circuits	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
32	Advanced C Programming	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	06-01-2020	16-03-2020	71	Offline	90	45
33	Numerical Methods	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
34	Network analysis and synthesis	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
35	Digital Principles and System Design	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
36	Power Plant Engineering	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
37	AC Machines	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
38	Linear Integrated Circuits and its Applications	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	113	45
39	Power Quality	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45
40	Flexible AC Transmission Systems	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45
41	Power System Analysis	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45
42	Solid State Drives	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45
43	Embedded Systems	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45
44	Digital Signal Processing	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	09-12-2019	16-03-2020	99	Offline	90	45

45	Unconventional Machining Processes	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	01-07-2019	12-10-2019	104	Offline	149	45
46	IoT and Applications	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	01-07-2019	12-10-2019	104	Offline	149	45
47	Mechatronics	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	09-12-2019	23-03-2020	106	Offline	156	45
48	Computer Aided Design	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	09-12-2019	23-03-2020	106	Offline	156	60
49	Design of jigs fixtures and Press Tools	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	09-12-2019	23-03-2020	106	Offline	156	45
50	Manufacturing Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	09-12-2019	23-03-2020	106	Offline	150	45
51	Business English	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	30
52	Algebra and Calculus	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	60
53	Engineering Physics	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	45
54	Engineering Chemistry	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	45
55	Programming for Problem Solving Using C	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	45
56	Mechanical and Building Sciences	Innovation	Full time Program	Bachelor	Computer Science and Engineering	26-08-2019	19-11-2019	86	Offline	60	45
57	Psychology and Ethics	Entrepreneurship/Startup	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	30
58	Differential Equations and Vector Analysis	Innovation	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	60
59	Bio and Nano materials Sciences	Innovation	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	45
60	Environmental Science and Engineering	Innovation	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	45
61	Concepts in Product Design	IPR	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	45
62	Python Programming	Innovation	Full time Program	Bachelor	Computer Science and Engineering	06-01-2020	26-04-2020	112	Offline	60	45
63	Transforms and Partial Differential Equations	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	75

64	Operating Systems	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	45
65	Computer Organization	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	75
66	Object Oriented Programming	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	30
67	Data Structures	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	30
68	Analog and Digital Communication	Innovation	Full time Program	Bachelor	Computer Science and Engineering	08-07-2019	14-10-2019	99	Offline	61	45
69	Probability and Queuing Theory	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	75
70	Database Management Systems	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	45
71	Microprocessor and Microcontrollers	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	45
72	Object Oriented Software Engineering	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	45
73	Computer Networks	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	45
74	Design and Analysis of Algorithms	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	60	45
75	Object Oriented Analysis and Design	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45
76	Advanced Java Programming	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45
77	Principles of Compiler Design	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45
78	Cryptography and Network Security	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	75
79	Principles of Management And Engineering Ethics	Entrepreneurship/Startup	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45
80	Software Project Management	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45
81	Salesforce CRM and Platform	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	14-10-2019	106	Offline	28	45

82	Mobile and Pervasive Computing	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	45
83	Computer Graphics and Multimedia	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	45
84	Wireless Communication	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	45
85	Distributed Systems	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	75
86	Artificial Intelligence	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	45
87	Software Testing	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	75
88	Information Security	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	45
89	Transforms and Partial Differential Equations	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
90	Signals and Systems	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
91	Analog Electronics	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
92	Digital Electronics	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
93	Anatomy and Human Physiology	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
94	Fundamentals of Bio Chemistry	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
95	Probability and Random Processes	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
96	Microprocessor and Microcontrollers	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
97	Linear Integrated Circuits	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45

98	Data Structures	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
99	Pathology and Microbiology	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
100	Bio Mechanics	Innovation	Full time Program	Bachelor	BIO MEDICAL ENGINEERING	01-07-2019	05-12-2019	158	Offline	23	45
101	Design Project	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	29	60
102	Data Warehousing and Data Mining	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	75
103	Industrial Robotics	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	45
104	Power Plant Engineering	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	45
105	Total Quality Management	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	45
106	Project work Phase I	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	90
107	Comprehension	Innovation	Full time Program	Bachelor	Computer Science and Engineering	01-07-2019	17-10-2019	109	Offline	57	60
108	Project work Phase II	Innovation	Full time Program	Bachelor	Computer Science and Engineering	09-12-2019	16-03-2020	99	Offline	57	180
109	Business English	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	30
110	Algebra and Calculus	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	60
111	Engineering Physics	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	45
112	Engineering Chemistry	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	45
113	Programming for Problem Solving Using C	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	45
114	Mechanical and Building Sciences	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	45
115	Psychology and Ethics	Innovation	Full time Program	Bachelor	IT	26-08-2019	19-11-2019	86	Offline	60	30
116	Differential Equations and Vector Analysis	Innovation	Full time Program	Bachelor	IT	06-01-2020	16-03-2020	71	Offline	60	60
117	Bio and Nano materials Sciences	Innovation	Full time Program	Bachelor	IT	06-01-2020	16-03-2020	71	Offline	60	45
118	Environmental Science and Engineering	Innovation	Full time Program	Bachelor	IT	06-01-2020	16-03-2020	71	Offline	60	45

119	Concepts in Product Design	IPR	Full time Program	Bachelor	IT	06-01-2020	16-03-2020	71	Offline	60	45
120	Python Programming	Innovation	Full time Program	Bachelor	IT	06-01-2020	16-03-2020	71	Offline	60	45
121	Transforms and Partial Differential Equations	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	75
122	Operating Systems	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	45
123	Computer Organization	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	75
124	Object Oriented Programming	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	30
125	Data Structures	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	30
126	Analog and Digital Communication	Innovation	Full time Program	Bachelor	IT	08-07-2019	14-10-2019	99	Offline	61	45
127	Probability and Queuing Theory	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	75
128	Database Management Systems	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	45
129	Microprocessor and Microcontrollers	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	45
130	Object Oriented Software Engineering	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	45
131	Computer Networks	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	45
132	Design and Analysis of Algorithms	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	60	45
133	Object Oriented Analysis and Design	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	45
134	Advanced Java Programming	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	45
135	Principles of Compiler Design	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	75
136	Cryptography and Network Security	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	75
137	Principles of Management And Engineering Ethics	Entrepreneurship/Startup	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	45
138	Software Project Management	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	45
139	Salesforce CRM and Platform	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	28	45
140	Mobile and Pervasive Computing	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	45
141	Computer Graphics and Multimedia	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	45
142	Wireless Communication	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	45
143	Distributed Systems	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	75
144	Artificial Intelligence	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	45

145	Software Testing	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	75
146	Information Security	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	45
147	Design Project	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	29	60
148	Data Warehousing and Data Mining	Innovation	Full time Program	Bachelor	IT	01-07-2019	17-10-2019	109	Offline	57	75
149	Industrial Robotics	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	57	45
150	Power Plant Engineering	Innovation	Full time Program	Bachelor	IT	01-07-2019	14-10-2019	106	Offline	57	45
151	Total Quality Management	Innovation	Full time Program	Bachelor	IT	01-07-2019	17-10-2019	109	Offline	57	45
152	Project work Phase I	Innovation	Full time Program	Bachelor	IT	01-07-2019	17-10-2019	109	Offline	57	90
153	Comprehension	Innovation	Full time Program	Bachelor	IT	01-07-2019	17-10-2019	109	Offline	57	60
154	Project work Phase II	Innovation	Full time Program	Bachelor	IT	09-12-2019	16-03-2020	99	Offline	57	180
155	Signals and Systems	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	130	75
156	Digital Electronics	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	130	75
157	Electromagnetic Fields	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	130	45
158	Analog Electronics - I	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	130	75
159	Analog Electronics -II	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	75
160	Linear Integrated Circuits	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	75
161	Communication Theory	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	45
162	Transmission Line and Waveguides	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	60
163	Digital Signal Processing	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	75
164	Digital Communication	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	75
165	Computer Architecture and organization	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	45
166	Embedded System	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
167	Antennas and Wave Propagation	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	45
168	VLSI Design	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
169	Computer Networks	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
170	Digital Image Processing	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	45

171	RF and Microwave Engineering	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
172	Optical Fiber Communication	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
173	Electromagnetic Interference And Compatibility	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	75
174	Cellular Mobile Communication	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	45
175	Satellite Communication	Innovation	Elective/Core Credit Course	Bachelor	ECE	10-06-2019	25-11-2019	169	Offline	126	45
176	Opto Electronic Devices	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	45
177	Advanced Computer Architecture	Innovation	Elective/Core Credit Course	Bachelor	ECE	15-12-2019	15-05-2020	153	Offline	122	45

LiList the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Python Programming with Industry Perspective	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	02-12-2019	06-12-2019	5	Online	40	30
2	AI and Machine Learning	Innovation	FDP in I&E / IPR	Computer Science and Engineering	23-12-2019	27-12-2019	5	Online	40	30
3	Quantum Computing	Innovation	FDP in I&E / IPR	Computer Science and Engineering	07-12-2019	11-12-2019	5	Online	40	30
4	Linux Applications in Engineering Education	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	27-04-2020	01-05-2020	5	Online	40	30
5	Data Science Using R	Innovation	FDP in I&E / IPR	Computer Science and Engineering	11-05-2020	15-05-2020	5	Online	40	30
6	Data Analytics using Python	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	18-05-2020	22-05-2020	5	Online	40	30
7	Academic Leadership Enhancement in Technical Institutions	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	04-05-2020	08-05-2020	5	Online	60	30
8	NBA Accreditation of Engineering Programs	Innovation	FDP in I&E / IPR	Computer Science and Engineering	11-05-2020	15-05-2020	5	Online	60	30
9	ICT Tools for Teaching Learning Process and Institute	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	13-01-2020	17-01-2020	5	Online	62	30
10	Natural language Processing	Innovation	FDP in I&E / IPR	Computer Science and Engineering	06-01-2020	10-01-2020	5	Online	40	30
11	Block Chain	Innovation	FDP in I&E / IPR	Computer Science and Engineering	11-05-2020	15-05-2020	5	Online	40	30
12	Internet of Things	Innovation	FDP in I&E / IPR	Computer Science and Engineering	06-04-2020	10-04-2020	5	Online	40	30
13	Big Data Analytics	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	18-05-2020	22-05-2020	5	Online	40	30

14	Deep Learning and Applications	Innovation	FDP in I&E / IPR	Computer Science and Engineering	09-12-2019	13-12-2019	5	Online	40	30
15	Cyber Security	Innovation	FDP in I&E / IPR	Computer Science and Engineering	21-10-2019	25-10-2019	5	Online	40	30
16	Sketchup	Entrepreneurship/Startup	Employment Generation Training Programs	Civil Engineering	03-02-2020	16-02-2020	14	Offline	45	40
17	Natural Language Processing	IPR	FDP in I&E / IPR	Information Technology NITTTR	06-01-2020	10-01-2020	5	Offline	25	35
18	Flipped Classroom Teaching using ICT Tools Outcome Based Learning in technical Education	Innovation	FDP in I&E / IPR	Information Technology STTP	03-02-2020	09-02-2020	7	Offline	27	49

List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name		Designation		Do you have a degree in I&E & IPR?		Had the faculty received training on I&E & IPR during AY 2019-20	
1	Dr.N.Suthantira Vanitha	Electrical and Electronics Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Industry Connect -2020	Innovation	Employment Generation Training Programs	-	Non-Govt. Agencies	24-04-2020 00:00:00	04-05-2020 00:00:00	11	Online
2	C.Ramkumar	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
	Electrical vehicle and charged power station	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	09-12-2019 00:00:00	15-12-2019 00:00:00	7	Offline
	Academic leadership enhancement in technical institutions	Innovation	FDP in I&E, IPR	NITTTR Chandigarh	Educational Institute	29-04-2020 00:00:00	03-05-2020 00:00:00	5	Online
	Communication and Presentation skills	Innovation	FDP in I&E, IPR	NITTTR Chandigarh	Educational Institute	14-05-2020 00:00:00	18-05-2020 00:00:00	5	Online
	Scope of artificial intelligence and machine learning in automation	Innovation	FDP in I&E, IPR	velalar college of engineering and technology	Educational Institute	08-05-2019 00:00:00	14-05-2019 00:00:00	7	Online
	Machine learning and deep learning	Innovation	FDP in I&E, IPR	SRM institute of science and technology	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online
3	D.Prasad	Electrical and Electronics Engineering		Assistant Professor		No		Yes	

	<table><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><tr><td>Process Control Instrumentation and Automation</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NIT Calicut</td><td>Educational Institute</td><td>09-02-2019 00:00:00</td><td>14-02-2019 00:00:00</td><td>6</td><td>Offline</td></tr><tr><td>Teaching and Learning for Accreditation in Technical Education</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR, Chandigarh</td><td>Educational Institute</td><td>25-04-2020 00:00:00</td><td>29-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Leadership And Teamwork For Performance Excellence</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR, Chandigarh</td><td>Educational Institute</td><td>17-05-2020 00:00:00</td><td>21-05-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	Process Control Instrumentation and Automation	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	09-02-2019 00:00:00	14-02-2019 00:00:00	6	Offline	Teaching and Learning for Accreditation in Technical Education	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	25-04-2020 00:00:00	29-04-2020 00:00:00	5	Online	Leadership And Teamwork For Performance Excellence	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online																																				
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Process Control Instrumentation and Automation	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	09-02-2019 00:00:00	14-02-2019 00:00:00	6	Offline																																																																									
Teaching and Learning for Accreditation in Technical Education	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	25-04-2020 00:00:00	29-04-2020 00:00:00	5	Online																																																																									
Leadership And Teamwork For Performance Excellence	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online																																																																									
4	Dr. S. Saravanan		Electrical and Electronics Engineering		Professor		No		Yes																																																																								
	<table><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><tr><td>Deep Learning and its Applications</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>Muthyammal Engineering College</td><td>Educational Institute</td><td>02-12-2019 00:00:00</td><td>06-12-2019 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Data Sciences</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Govt. Agency (Central)</td><td>14-04-2020 00:00:00</td><td>18-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Industry Connect -2020</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Non-Govt. Agencies</td><td>20-04-2020 00:00:00</td><td>30-04-2020 00:00:00</td><td>11</td><td>Online</td></tr><tr><td>Electric Vehicle Technologies</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>IEEE Madras Section</td><td>Non-Govt. Agencies</td><td>02-05-2020 00:00:00</td><td>05-05-2020 00:00:00</td><td>4</td><td>Online</td></tr><tr><td>-</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Educational Institute</td><td>08-05-2020 00:00:00</td><td>12-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>-</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Educational Institute</td><td>04-07-2020 00:00:00</td><td>08-07-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>-</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Educational Institute</td><td>12-07-2020 00:00:00</td><td>16-07-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	Deep Learning and its Applications	Innovation	FDP in I&E, IPR	Muthyammal Engineering College	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	Online	Data Sciences	Innovation	FDP in I&E, IPR	-	Govt. Agency (Central)	14-04-2020 00:00:00	18-04-2020 00:00:00	5	Online	Industry Connect -2020	Innovation	FDP in I&E, IPR	-	Non-Govt. Agencies	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online	Electric Vehicle Technologies	Innovation	FDP in I&E, IPR	IEEE Madras Section	Non-Govt. Agencies	02-05-2020 00:00:00	05-05-2020 00:00:00	4	Online	-	Innovation	FDP in I&E, IPR	-	Educational Institute	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online	-	Innovation	FDP in I&E, IPR	-	Educational Institute	04-07-2020 00:00:00	08-07-2020 00:00:00	5	Online	-	Innovation	FDP in I&E, IPR	-	Educational Institute	12-07-2020 00:00:00	16-07-2020 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																																																																								
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	Data Sciences	Innovation	FDP in I&E, IPR	-	Govt. Agency (Central)	14-04-2020 00:00:00	18-04-2020 00:00:00	5	Online																																																																								
	Industry Connect -2020	Innovation	FDP in I&E, IPR	-	Non-Govt. Agencies	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online																																																																								
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	-	Innovation	FDP in I&E, IPR	-	Educational Institute	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online																																																																								
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-	Innovation	FDP in I&E, IPR	-	Educational Institute	12-07-2020 00:00:00	16-07-2020 00:00:00	5	Online																																																																									
Dr.N. Mohananthini		Electrical and Electronics Engineering		Assistant Professor		No		Yes																																																																									
<table><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><tr><td>VLSI Chip Design Handon using open source EDA</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>University College of Engineering, BIT Campus, Trichirappalli</td><td>Educational Institute</td><td>03-07-2020 00:00:00</td><td>07-07-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Patent Searching, Drafting and Filing</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>-</td><td>Educational Institute</td><td>25-05-2020 00:00:00</td><td>29-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Internet of Things</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR Chdandigarh</td><td>Educational Institute</td><td>07-04-2020 00:00:00</td><td>11-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Academic Leadership Enhancement in Technical Institutions</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR Chdandigarh</td><td>Educational Institute</td><td>02-05-2020 00:00:00</td><td>06-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Communication and Presentation Skills</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR Chdandigarhq</td><td>Educational Institute</td><td>17-05-2020 00:00:00</td><td>21-05-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	VLSI Chip Design Handon using open source EDA	Innovation	FDP in I&E, IPR	University College of Engineering, BIT Campus, Trichirappalli	Educational Institute	03-07-2020 00:00:00	07-07-2020 00:00:00	5	Online	Patent Searching, Drafting and Filing	Innovation	FDP in I&E, IPR	-	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online	Internet of Things	Innovation	FDP in I&E, IPR	NITTTR Chdandigarh	Educational Institute	07-04-2020 00:00:00	11-04-2020 00:00:00	5	Online	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR Chdandigarh	Educational Institute	02-05-2020 00:00:00	06-05-2020 00:00:00	5	Online	Communication and Presentation Skills	Innovation	FDP in I&E, IPR	NITTTR Chdandigarhq	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online																			
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Patent Searching, Drafting and Filing	Innovation	FDP in I&E, IPR	-	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online																																																																									
Internet of Things	Innovation	FDP in I&E, IPR	NITTTR Chdandigarh	Educational Institute	07-04-2020 00:00:00	11-04-2020 00:00:00	5	Online																																																																									
Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR Chdandigarh	Educational Institute	02-05-2020 00:00:00	06-05-2020 00:00:00	5	Online																																																																									
Communication and Presentation Skills	Innovation	FDP in I&E, IPR	NITTTR Chdandigarhq	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online																																																																									
Dr.R.Prakash		Electrical and Electronics Engineering		Professor		No		Yes																																																																									

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Deep Learning and its Applications	Innovation	FDP in I&E, IPR	Muthyammal Engineering College	Educational Institute	08-12-2019 00:00:00	12-12-2019 00:00:00	5	Online
7	Dr.R.Sagayaraj		Electrical and Electronics Engineering		Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Teaching and Learning for Accreditation in Technical Education	Innovation	FDP in I&E, IPR	-	Educational Institute	25-04-2020 00:00:00	29-04-2020 00:00:00	5	Online
8	Communication and Presentation Skills	Innovation	FDP in I&E, IPR	-	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online
	G.Dineshkumar		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
9	innovative andragogical and effective Teaching Learning Methodologies	Innovation	FDP in I&E, IPR	K. S. Rangasamy College of Technology, Tiruchengode	Educational Institute	03-11-2019 00:00:00	15-11-2019 00:00:00	13	Offline
	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
	Innovative andragogical and effective Teaching Learning Methodologies	Innovation	FDP in I&E, IPR	K.P.R Institute of Engineering and Technology	Educational Institute	15-11-2019 00:00:00	20-11-2019 00:00:00	6	Offline
	INSIGHTS INTO QUALITY RESEARCH AND INNOVATION	Innovation	FDP in I&E, IPR	Vivekanandha College of Engineering for Women	Educational Institute	11-05-2020 00:00:00	18-05-2020 00:00:00	8	Online
10	-	Innovation	FDP in I&E, IPR	NITTTR	Educational Institute	03-05-2020 00:00:00	07-05-2020 00:00:00	5	Online
	M.Ranjitha		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
	Innovative andragogical and effective Teaching Learning Methodologies	Innovation	FDP in I&E, IPR	K.P.R Institute of Engineering and Technology	Educational Institute	15-11-2019 00:00:00	20-11-2019 00:00:00	6	Offline
11	Modern Trends in Electrical Drives	Innovation	FDP in I&E, IPR	Nagpur Institute of Technology	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online
	Technological Advancement in Power system control, power controllers, drives and E-Vehicles	Innovation	FDP in I&E, IPR	Dr.N.G.P. Institute of Technology	Educational Institute	28-04-2020 00:00:00	30-04-2020 00:00:00	5	Online
	M.Swathisriranjani		Electrical and Electronics Engineering		Assistant Professor		No		Yes

	<table><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><tr><td>STTP on Applied Mathematics and Scientific Computation for Engineering Research</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>S A. Engineering College, Chennai</td><td>Educational Institute</td><td>02-10-2019 00:00:00</td><td>07-10-2019 00:00:00</td><td>6</td><td>Offline</td></tr><tr><td>-</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>IIIT,Nagpur</td><td>Educational Institute</td><td>06-05-2020 00:00:00</td><td>10-05-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	STTP on Applied Mathematics and Scientific Computation for Engineering Research	Innovation	FDP in I&E, IPR	S A. Engineering College, Chennai	Educational Institute	02-10-2019 00:00:00	07-10-2019 00:00:00	6	Offline	-	Innovation	FDP in I&E, IPR	IIIT,Nagpur	Educational Institute	06-05-2020 00:00:00	10-05-2020 00:00:00	5	Online																		
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STTP on Applied Mathematics and Scientific Computation for Engineering Research	Innovation	FDP in I&E, IPR	S A. Engineering College, Chennai	Educational Institute	02-10-2019 00:00:00	07-10-2019 00:00:00	6	Offline																																														
-	Innovation	FDP in I&E, IPR	IIIT,Nagpur	Educational Institute	06-05-2020 00:00:00	10-05-2020 00:00:00	5	Online																																														
12	P.M.Manikandan		Electrical and Electronics EngineeringAssistant Professor		Assistant Professor		No		Yes																																													
	<table><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><tr><td>Process Control Instrumentation and Automation</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NIT Calicut</td><td>Educational Institute</td><td>11-02-2019 00:00:00</td><td>16-02-2019 00:00:00</td><td>6</td><td>Offline</td></tr></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	Process Control Instrumentation and Automation	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	11-02-2019 00:00:00	16-02-2019 00:00:00	6	Offline																											
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Process Control Instrumentation and Automation	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	11-02-2019 00:00:00	16-02-2019 00:00:00	6	Offline																																														
13	P.Manikandan		Electrical and Electronics Engineering		Assistant Professor		No		Yes																																													
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14	R.Sundar		Electrical and Electronics Engineering		Assistant Professor		No		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																																													
	Electrical vehicle and charged power station	Innovation	FDP in I&E, IPR	NIT Calicut	Educational Institute	12-12-2019 00:00:00	18-12-2019 00:00:00	7	Offline																																													
	IoT	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	13-04-2020 00:00:00	17-04-2020 00:00:00	5	Online																																													
8051 Micro Controller and it's Application	Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Educational Institute	26-04-2020 00:00:00	30-04-2020 00:00:00	5	Online																																														
15	S.Saranraj		Electrical and Electronics Engineering		Assistant Professor		No		Yes																																													
	<table><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><tr><td>ARTIFICIAL INTELLIGENCE</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut.</td><td>Educational Institute</td><td>23-04-2020 00:00:00</td><td>27-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>INTRNET OF THINGS</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR, CHANDIGARGH</td><td>Educational Institute</td><td>07-04-2020 00:00:00</td><td>11-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Academic Leadership Enhancement in Technical Institutions</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR, CHANDIGARH</td><td>Educational Institute</td><td>02-05-2020 00:00:00</td><td>06-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Communication and Presentation Skills</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR, CHANDIGARH</td><td>Educational Institute</td><td>17-05-2020 00:00:00</td><td>21-05-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	ARTIFICIAL INTELLIGENCE	Innovation	FDP in I&E, IPR	MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut.	Educational Institute	23-04-2020 00:00:00	27-04-2020 00:00:00	5	Online	INTRNET OF THINGS	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARGH	Educational Institute	07-04-2020 00:00:00	11-04-2020 00:00:00	5	Online	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARH	Educational Institute	02-05-2020 00:00:00	06-05-2020 00:00:00	5	Online	Communication and Presentation Skills	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARH	Educational Institute	17-05-2020 00:00:00	21-05-2020 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																																													
	ARTIFICIAL INTELLIGENCE	Innovation	FDP in I&E, IPR	MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut.	Educational Institute	23-04-2020 00:00:00	27-04-2020 00:00:00	5	Online																																													
	INTRNET OF THINGS	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARGH	Educational Institute	07-04-2020 00:00:00	11-04-2020 00:00:00	5	Online																																													
Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARH	Educational Institute	02-05-2020 00:00:00	06-05-2020 00:00:00	5	Online																																														
Communication and Presentation Skills	Innovation	FDP in I&E, IPR	NITTTR, CHANDIGARH	Educational Institute	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online																																														
16	V. Dhinesh		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
	Internet of Things	Innovation	FDP in I&E, IPR	Nitttr Chandigarh	Educational Institute	06-04-2020 00:00:00	10-04-2020 00:00:00	5	Online
	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	Nitttr, Chandigarh	Educational Institute	01-05-2020 00:00:00	05-05-2020 00:00:00	5	Online
	Communication and Presentation Skills	Innovation	FDP in I&E, IPR	Nitttr Chandigarh	Educational Institute	16-05-2020 00:00:00	20-05-2020 00:00:00	5	Online
	Machine learning and Deep learning	Innovation	FDP in I&E, IPR	SRM institute of science and technology, chennai	Educational Institute	26-05-2020 00:00:00	30-05-2020 00:00:00	5	Online
17	Dr.E.Punarselvam		Information Technology		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
	Natural Language Processing	Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	04-01-2020 00:00:00	08-01-2020 00:00:00	5	Offline
18	Dr.G.Kavitha		Computer Science and Engineering		Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	-	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	26-11-2019 00:00:00	30-11-2019 00:00:00	5	Offline
	AI and Machine Learning	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	18-12-2019 00:00:00	22-12-2019 00:00:00	5	Online
	Quantum Computing	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	03-12-2019 00:00:00	07-12-2019 00:00:00	5	Online
	Linux Applications in Engineering Education	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	24-04-2020 00:00:00	28-04-2020 00:00:00	5	Online
	Data Science Using R	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	09-05-2020 00:00:00	13-05-2020 00:00:00	5	Online
	Data Analytics using Python	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online
19	Dr.S.Vijayaragavan		Computer Science and Engineering		Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
20	Dr.S.Lavanya		Computer Science and Engineering		Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
21	Dr.J.Preetha		Computer Science and Engineering		Professor		No		Yes

	<table><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><tr><td>Linux Applications in Engineering Education</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MNIT</td><td>Govt. Agency (Central)</td><td>18-05-2020 00:00:00</td><td>23-05-2020 00:00:00</td><td>6</td><td>Online</td></tr><tr><td>Academic Leadership Enhancement in Technical Institutions</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>26-04-2020 00:00:00</td><td>30-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>NBA Accreditation of Engineering Programs</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MNIT</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><tr><td>ICT Tools for Teaching, Learning Process and Institute</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MNIT</td><td>Govt. Agency (Central)</td><td>07-01-2020 00:00:00</td><td>11-01-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Natural language Processing</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MNIT</td><td>Govt. Agency (Central)</td><td>01-01-2020 00:00:00</td><td>05-01-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Python Programming with Industry Perspective</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>MNIT</td><td>Govt. Agency (Central)</td><td>28-11-2019 00:00:00</td><td>02-12-2019 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Quantum Computing</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>ATAL-Govt College of Engg, Thanjavur</td><td>Govt. Agency (State)</td><td>29-05-2020 00:00:00</td><td>02-06-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	Linux Applications in Engineering Education	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	18-05-2020 00:00:00	23-05-2020 00:00:00	6	Online	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	26-04-2020 00:00:00	30-04-2020 00:00:00	5	Online	NBA Accreditation of Engineering Programs	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online	ICT Tools for Teaching, Learning Process and Institute	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	07-01-2020 00:00:00	11-01-2020 00:00:00	5	Online	Natural language Processing	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	01-01-2020 00:00:00	05-01-2020 00:00:00	5	Online	Python Programming with Industry Perspective	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	28-11-2019 00:00:00	02-12-2019 00:00:00	5	Online	Quantum Computing	Innovation	FDP in I&E, IPR	ATAL-Govt College of Engg, Thanjavur	Govt. Agency (State)	29-05-2020 00:00:00	02-06-2020 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																																																																									
Linux Applications in Engineering Education	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	18-05-2020 00:00:00	23-05-2020 00:00:00	6	Online																																																																									
Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	26-04-2020 00:00:00	30-04-2020 00:00:00	5	Online																																																																									
NBA Accreditation of Engineering Programs	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	04-05-2020 00:00:00	08-05-2020 00:00:00	5	Online																																																																									
ICT Tools for Teaching, Learning Process and Institute	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	07-01-2020 00:00:00	11-01-2020 00:00:00	5	Online																																																																									
Natural language Processing	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	01-01-2020 00:00:00	05-01-2020 00:00:00	5	Online																																																																									
Python Programming with Industry Perspective	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	28-11-2019 00:00:00	02-12-2019 00:00:00	5	Online																																																																									
Quantum Computing	Innovation	FDP in I&E, IPR	ATAL-Govt College of Engg, Thanjavur	Govt. Agency (State)	29-05-2020 00:00:00	02-06-2020 00:00:00	5	Online																																																																									
22	Dr.P.Rupa Ezhil Arasi		Computer Science and Engineering		Associate Professor		No		Yes																																																																								
	<table><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><tr><td>Linux Applications in Engineering Education</td><td>Innovation</td><td>EDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>22-04-2020 00:00:00</td><td>26-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Data Science Using R</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>07-05-2020 00:00:00</td><td>11-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Data Analytics using Python</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>15-05-2020 00:00:00</td><td>19-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Block Chain</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>ATAL-Punjab Engineering College</td><td>Govt. Agency (Central)</td><td>09-05-2020 00:00:00</td><td>13-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Internet of Things</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>ATAL-Indian Institute of Information Technology, Nagpur</td><td>Govt. Agency (Central)</td><td>05-04-2020 00:00:00</td><td>09-04-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	Linux Applications in Engineering Education	Innovation	EDP in I&E, IPR	NITTTR	Govt. Agency (Central)	22-04-2020 00:00:00	26-04-2020 00:00:00	5	Online	Data Science Using R	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	07-05-2020 00:00:00	11-05-2020 00:00:00	5	Online	Data Analytics using Python	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	15-05-2020 00:00:00	19-05-2020 00:00:00	5	Online	Block Chain	Innovation	FDP in I&E, IPR	ATAL-Punjab Engineering College	Govt. Agency (Central)	09-05-2020 00:00:00	13-05-2020 00:00:00	5	Online	Internet of Things	Innovation	FDP in I&E, IPR	ATAL-Indian Institute of Information Technology, Nagpur	Govt. Agency (Central)	05-04-2020 00:00:00	09-04-2020 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																																																																								
	Linux Applications in Engineering Education	Innovation	EDP in I&E, IPR	NITTTR	Govt. Agency (Central)	22-04-2020 00:00:00	26-04-2020 00:00:00	5	Online																																																																								
	Data Science Using R	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	07-05-2020 00:00:00	11-05-2020 00:00:00	5	Online																																																																								
	Data Analytics using Python	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	15-05-2020 00:00:00	19-05-2020 00:00:00	5	Online																																																																								
	Block Chain	Innovation	FDP in I&E, IPR	ATAL-Punjab Engineering College	Govt. Agency (Central)	09-05-2020 00:00:00	13-05-2020 00:00:00	5	Online																																																																								
Internet of Things	Innovation	FDP in I&E, IPR	ATAL-Indian Institute of Information Technology, Nagpur	Govt. Agency (Central)	05-04-2020 00:00:00	09-04-2020 00:00:00	5	Online																																																																									
K.Sudha		Computer Science and Engineering		Assistant Professor		No		Yes																																																																									
<table><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><tr><td>Linux Applications in Engineering Education</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>22-04-2020 00:00:00</td><td>26-04-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Academic Leadership Enhancement in Technical Institutions</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>30-04-2020 00:00:00</td><td>04-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Data Science Using R</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>08-05-2020 00:00:00</td><td>12-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Big Data Analytics</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>NITTTR</td><td>Govt. Agency (Central)</td><td>16-05-2020 00:00:00</td><td>20-05-2020 00:00:00</td><td>5</td><td>Online</td></tr><tr><td>Quantum Computing</td><td>Innovation</td><td>FDP in I&E, IPR</td><td>ATAL-Govt College of Engg, Thanjavur</td><td>Govt. Agency (Central)</td><td>31-05-2020 00:00:00</td><td>04-06-2020 00:00:00</td><td>5</td><td>Online</td></tr></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	Linux Applications in Engineering Education	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	22-04-2020 00:00:00	26-04-2020 00:00:00	5	Online	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	30-04-2020 00:00:00	04-05-2020 00:00:00	5	Online	Data Science Using R	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online	Big Data Analytics	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	16-05-2020 00:00:00	20-05-2020 00:00:00	5	Online	Quantum Computing	Innovation	FDP in I&E, IPR	ATAL-Govt College of Engg, Thanjavur	Govt. Agency (Central)	31-05-2020 00:00:00	04-06-2020 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																																																																									
Linux Applications in Engineering Education	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	22-04-2020 00:00:00	26-04-2020 00:00:00	5	Online																																																																									
Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	30-04-2020 00:00:00	04-05-2020 00:00:00	5	Online																																																																									
Data Science Using R	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online																																																																									
Big Data Analytics	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	16-05-2020 00:00:00	20-05-2020 00:00:00	5	Online																																																																									
Quantum Computing	Innovation	FDP in I&E, IPR	ATAL-Govt College of Engg, Thanjavur	Govt. Agency (Central)	31-05-2020 00:00:00	04-06-2020 00:00:00	5	Online																																																																									

24	M.Ganthimathi		Computer Science and 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
25	Dr.E.Punarselvam		Information Technology		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
	Natural Language Processing		Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	05-01-2020 00:00:00	09-01-2020 00:00:00	5	Offline
26	S.Gopi		Information Technology		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
	Natural Language Processing		Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	05-01-2020 00:00:00	09-01-2020 00:00:00	5	Offline
27	Mr.T.Aravind		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
	Linux Applications in Engineering Education		Innovation	FDP in I&E, IPR	NITTTR, Chandigarh	Govt. Agency (Central)	22-04-2020 00:00:00	26-04-2020 00:00:00	5	Online
	Academic Leadership Enhancement in Technical Institutions		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	30-04-2020 00:00:00	04-05-2020 00:00:00	5	Online
	NBA Accreditation of Engineering Programs		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online
	Leadership and TeamWork for performance Excellence		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	16-08-2020 00:00:00	20-08-2020 00:00:00	5	Online
	AICTE Training And Learning (ATAL) Academy on Block Chain		Innovation	FDP in I&E, IPR	National Institute of Technology, Warangal	Govt. Agency (Central)	24-05-2020 00:00:00	28-05-2020 00:00:00	5	Online
28	R.Gowrishankar		Information Technology		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
	Natural Language Processing		Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	05-01-2020 00:00:00	09-01-2020 00:00:00	5	Offline
29	P.Manimekala		Information Technology		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
	Management of small and Medium Enterprises		Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	04-07-2020 00:00:00	08-07-2020 00:00:00	5	Offline

30	M.Dhamodaran		Information Technology		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	
	AI and Machine Learning	Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	21-12-2019 00:00:00	25-12-2019 00:00:00	5	Offline	
31	T.Manivel		Information Technology		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	
	Deep Learning and ICT Academics	Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	21-12-2019 00:00:00	25-12-2019 00:00:00	5	Offline	
32	J.Sathish Kumar		Information Technology		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	
	Date science using R	Innovation	Employment Generation Training Programs	NITTTR	Govt. Agency (Central)	10-05-2020 00:00:00	14-05-2020 00:00:00	5	Online	
33	Mr.V.Karuppuchamy		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	
	-	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	28-11-2019 00:00:00	02-12-2019 00:00:00	5	Online	
	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	01-05-2020 00:00:00	05-05-2020 00:00:00	5	Online	
	Data Science Using R	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	09-05-2020 00:00:00	13-05-2020 00:00:00	5	Online	
	Data Analytics using Python	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online	
34	D.Gokul Prasath		Information Technology		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	
	Date science using Python	Innovation	Employment Generation Training Programs	NITTTR	Govt. Agency (Central)	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online	
35	P.Bhuvaneshwari		Information Technology		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	
	FDP-Python Programming with Industry Perspectives	Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	30-11-2019 00:00:00	04-12-2019 00:00:00	5	Offline	

36	S.R.Sridhar		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
	-		Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	25-11-2019 00:00:00	29-11-2019 00:00:00	5	Online
	Cyber Security		Innovation	FDP in I&E, IPR	Government College of Engineering, Srirangam.	Govt. Agency (Central)	15-10-2019 00:00:00	19-10-2019 00:00:00	5	Online
	Academic Leadership Enhancement in Technical Institutions		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	29-04-2020 00:00:00	03-05-2020 00:00:00	5	Online
	Data Science using R		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	01-05-2020 00:00:00	11-05-2020 00:00:00	11	Online
	Linux Applications in Engineering Education		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	24-04-2020 00:00:00	28-04-2020 00:00:00	5	Online
	Open Source Cyber Security Tools		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	16-05-2020 00:00:00	20-05-2020 00:00:00	5	Online
	Cyber Security		Innovation	EDP in I&E, IPR	Government College of Engineering, Srirangam.	Govt. Agency (State)	20-10-2019 00:00:00	24-10-2019 00:00:00	5	Online
37	G.Nivedhitha		Information Technology		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
	FDP-Python Programming with Industry Perspectives		Innovation	Employment Generation Training Programs	MNIT	Govt. Agency (Central)	30-11-2019 00:00:00	04-12-2019 00:00:00	5	Offline
38	K.Papithasri		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
	Python Programming with Industry Perspective		Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	28-11-2019 00:00:00	02-12-2019 00:00:00	5	Online
	Academic Leadership Enhancement in Technical Institutions		Innovation	EDP in I&E, IPR	NITTTR	Govt. Agency (Central)	01-05-2020 00:00:00	05-05-2020 00:00:00	5	Online
	Open Source Cyber Security Tools		Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	16-05-2020 00:00:00	20-05-2020 00:00:00	5	Online
	Cyber security		Innovation	FDP in I&E, IPR	Government College of Engineering, Srirangam.	Govt. Agency (State)	20-10-2019 00:00:00	24-10-2019 00:00:00	5	Online
39	M.Ramya		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
40	P.Kaviya		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
	Academic Leadership Enhancement in Technical Institutions	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	02-05-2020 00:00:00	06-05-2020 00:00:00	5	Online
	Data Analytics using Python	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online
41	S.Vasuki	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	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	09-05-2020 00:00:00	13-05-2020 00:00:00	5	Online
	Data Analytics using Python	Innovation	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	17-05-2020 00:00:00	21-05-2020 00:00:00	5	Online
42	P.Deepa	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	FDP in I&E, IPR	NITTTR	Govt. Agency (Central)	10-05-2020 00:00:00	14-05-2020 00:00:00	5	Online
43	K.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
	Python Programming with Industry Perspective	Innovation	FDP in I&E, IPR	MNIT	Govt. Agency (Central)	01-12-2019 00:00:00	05-12-2019 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	Machine Learning Group	Idea Club	2019	Work Stations	Innovation Labs	2	Dr. G. Kavitha	hod.cse@mec.edu.in	9842073527
2	Artificial Intelligence Group	Idea Club	2019	Work Stations	Innovation Labs	2	Dr. P. Srinivasan	srinivasan.p.cse@mec.edu.in	9894048461
3	Block chain Technology Group	Idea Club	2019	Work Stations	Innovation Labs	2	Dr. S. Vijayaragavan	vijayaragavan.s.cse@mec.edu.in	9443449689
4	Cyber Security Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.N. Naveen Kumar	naveenkumar.n.cse@mec.edu.in	9894963632
5	Business Intelligence Group	Idea Club	2019	Work Stations	Innovation Labs	2	Dr. P. Ganapathi	ganapathi.p.mba@mec.edu.in	8565425463
6	Sensor Technology Group	Idea Club	2019	Work Stations	Innovation Labs	2	Mr. S.Bhoopalan	bhoopalan.s.ece@mec.edu.in	7856365478

7	Bio Chemical Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.B.Prasanna	prasanna.b.biotech@mec.edu.in	7869325412
8	Robotics Technology Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.R.Gowdaman	gowdaman.r.ge@mec.edu.in	8745256324
9	Digital Tech Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. T. Kowsalya	kowsalya.t.ece@mec.edu.in	7856214756
10	Nanotech Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. D. Anbuselvi	anbuselvi.d.phy@mec.edu.in	9677545821
11	Design Thinking Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.R.Senthil Kumar	senthilkumar.r.mech@mec.edu.in	9944265007
12	Product making Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.S.Perumal	perumal.s.mech@mec.edu.in	9636322547
13	Python Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mrs.G. Sumathi	sumathi.g.cse@mec.edu.in	9869365478
14	Neuroscience Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. G. Sudha	Sudha.g.me@mec.edu.in	8758969687
15	E-Vehicle Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.S.Saravanan	hod.eee@mec.edu.in	7010272386
16	Smart Materials Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.M.Soundarrajan	soundarrajan.m.mech@mec.edu.in	7458696365
17	Embedded System Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. U. Saravanakumar	hod.ece@mec.edu.in	8969658625
18	IoT Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.E.Punar Selvam	hod.it@mec.edu.in	9842716507
19	Data Intelligence	Innovation Club	2019	Work Stations	Innovation Labs	2	Mrs. M. Ganthimathi	ganthimathi.m.cse@mec.edu.in	8596365478
20	BioMed Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Ms.A.Anjali	anjali.a.biomed@mec.edu.in	7859636578
21	Waste Management Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. K. Sankar	sankar.k.civil@mec.edu.in	8896325478
22	Zero carbon Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. V. Rajendran	hod.civil@mec.edu.in	8963654758
23	Automation Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. V. Dhinesh	dhinesh.v.eee@mec.edu.in	8825677525
24	MEMS Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.D.Sasikala	sasikala.d.ece@mec.edu.in	9636584758
25	Smart Sensors Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. R. Praveena	praveena.r.ece@mec.edu.in	9586969877
26	Open Source Software Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.J.Preetha	preetha.j.cse@mec.edu.in	9486595944
27	VLSI Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. S. Selvarasu	selvarasu.s.ece@mec.edu.in	9258614756
28	Signal Processing Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.C. Selvi	selvi.c.ece@mec.edu.in	9869635478
29	Image Processing Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. T.R. Ganesh Babu	ganeshbabu.t.r.ece@mec.edu.in	8569636547
30	NDT Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.T.Yuvaraj	yuvaraj.t.mech@mec.edu.in	9942031826

31	Antenna Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. J. Rangarajan	rangarajan.j.ece@mec.edu.in	9486110500
32	Green Energy Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.D.Prasad	Prasad.d.eee@mec.edu.in	9842606640
33	Biomechanics group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.D.Velmurugan	velmurugan.d.mech@mec.edu.in	8963215478
34	Power Quality Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. R. Prakash	prakash.r.eee@mec.edu.in	9344725161
35	Nanomotors Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. R. Sagayaraj	sagayaraj.r.eee@mec.edu.in	9597608664
36	Energy Audit Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. G. Vijayakumar	vijayakumar.g.eee@mec.edu.in	9894386889
37	Java Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. V. Karuppuchamy	karuppuchamy.v.cse@mec.edu.in	8758693654
38	Smart Grid group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. N. Mohananthini	mohananthini.n.eee@mec.edu.in	9843279541
39	Fire Safety Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. S. Anand	Anand.s.chem@mec.edu.in	8963254758
40	Micromachining Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. R. Thanigaivelan	hod.mech@mec.edu.in	9963254785
41	3D Printing Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.S. Boopathi	boopathi.s.mech@mec.edu.in	8536321457
42	Nano materials Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.S.J. Azhagushanmugam	azhagushanmugam.s.j.phy@mec.edu.in	9325478599
43	Intellectual Property Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. R. Raja	raja.r.eee@mec.edu.in	7708222515
44	Green Building Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr.M. Gopinath	gopinath.m.civil@mec.edu.in	9434756636
45	Fuzzy Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr. J. Kirubakaran	kirubakaran.j.ece@mec.edu.in	9944573833
46	Neural Network Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mrs. P. Padmaloshani	Padmaloshani.p.ece@mec.edu.in	8632578963
47	Cloud Computing Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. T. Aravind	aravind.t.cse@mec.edu.in	9842686777
48	Digital Marketing Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. K. Mayakkannan	mayakkannan.k.mba@mec.edu.in	6984587633
49	Intelligent Radio Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Dr.K. Radhika	radhika.k.ece@mec.edu.in	9563336587
50	Six Sigma Group	Innovation Club	2019	Work Stations	Innovation Labs	2	Mr. R.K. Udhayakumar	udhayakumar.r.k.mech@mec.edu.in	9952834348

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?
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List the Pre-Incubation Facility (Tinkering Lab/Makers’ Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

1	Incubation Center For Renewable Energy of Electrical Engineering	Innovation Centre	2020	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name	Dr.S.S aravan an	2	Yes	Yes		Yes
Facility Incharge Email							hod.ee e@me c.edu.i n	Total Annual Income from Training and Skill Develop ment Services (In Rupees)			200000		
Facility Incharge Phone							701027 2386	Total Annual Income from (Technic al and Business) Mentori ng Services (In Rupees)			50000		
								Total Annual Income from Office Space and Rental Services to Start ups/Inno vators (In Rupees)			50000		
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						Muthayammal Engineering College			Educational Institute			349240	

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

Smo	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	Automation and Control	2019	Innovation Labs	M/s.IOLOGIGIX Automation Solutions, Chennai	Facility Incharge Name Mr.D.P rasad	165	Yes	<div>Yes</div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> <div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> <div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div>	Yes
<div><div>Source of Grant / Fund</div><div>Agency Name</div><div>Agency Type</div><div>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</div></div> <div><div>Funding Agency</div><div>IOLOGIGIX Automation Solutions, Chennai</div><div>Not-Govt. Agencies</div><div>0</div></div>									
2	Material and System Fabrication Centre	2019	Innovation Labs	Muthayammal Educational Trust and Research Foundation	Facility Incharge Name Dr S.Boopathi	2	No	<div>Yes</div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> <div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> <div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div>	Yes
<div><div>Source of Grant / Fund</div><div>Agency Name</div><div>Agency Type</div><div>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</div></div> <div><div>Institute's Own Fund / Resource</div><div>-</div><div>Educational Institute</div><div>0</div></div>									

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

Smo	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr.R.Prakash	Professor	Idea/Innovation Development	17
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Power Quality		Within	
2	Dr.N. Mohananthini	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Grid		Within	
3	Dr.E.Punarselvam	Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT		Within	
4	Dr.G.Kavitha	Professor	Idea/Innovation Development	17
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Machine Learning		Within	
5	Dr.S.Vijayaragavan	Professor	Idea/Innovation Development	16
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Block chain Technology		Within	
6	Mr.V.Karuppuchamy	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Java		Within	
7	K.Senthil Kumar	Assistant Professor	Idea/Innovation Development	8

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)
	Design Thinking	Within	

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filed!

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

Smo	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Advanced Vehicle Simulator	Product Innovation	Technological	Centre of Excellence for Automation and Control	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	<div>Amount Received in Rs.</div> <div>25000</div>
Name				Type			Gender		Email			Contact	
Dr.S.Saravanan				Faculty			Male		hod.eee@mec.edu.in			7010272386	
Name				Type			Gender		Email			Contact	
V.Vijayakumar				Innovator/Entrepreneur External to Institute			Male		vijayakumar.v2@ashokleyland.com			7708069105	
2	Digital Agriculture	Product Innovation	Technological	Incubation Centre for IoT	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No

	Name			Type			Gender		Email			Contact		
	Dr.R.Prakash			Faculty			Male		Prakash.r.eee@mec.edu.in			9344725161		
	Name			Type			Gender		Email			Contact		
	Dr.S.Kumaravel			Innovator/Entrepreneur External to Institute			Male		kumaravel_s@nitc.ac.in			9645654204		
3	Institutional Smart Grid	Product Innovation	Technological	Centre of Excellence for Automation and Control	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	Amount Received in Rs.	25000
	Name			Type			Gender		Email			Contact		
	Dr.N.Mohananthini			Faculty			Female		mohanandhini.n.eee@mec.edu.in			9843279541		
	Name			Type			Gender		Email			Contact		
	Dr.S.Kumaravel			Innovator/Entrepreneur External to Institute			Male		kumaravel_s@nitc.ac.in			9645654204		

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

Smo	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/V/C during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	M/s.IOLOGIGIX Automation Solutions,Chennai	Product Innovation	Technologica l	3591	External to the Institute//ncubatee	Venture with Corporate Identification Number (CIN) Registrati on	2019-20	Received Incubation Support from Incubation Unit	No	50000	Grant Amount in Rs	Loan /Inve stme nt Agen cy Nam e	--	Agen cy Type	--	Total Loan /Ang el Inves tmen t/VC Fund raise d by Start-up durin g the perio d of pre-incub ation/ incub ation supp ort at your Pre-incub ation/ incub ation or instit ute finan cial perio d 2019 -20 (in Rupees)	--	Date of Inves tmen t Rais ed	--	25000	Amoun t Rec eive d in Rs.	No
Name		DIN number		Type		Gender		Email		Contact												
Mr.P. Jayakumar		33AVCPJ1384R1Z8		Innovator/Entrepreneur External to Institute		Male		jayakumar@iologixas.com		9677318750												

2	Pawanmitra Aero Energies,Palladam.	Product Innovation	Technologica	3591	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	50000	No	Amount Received in Rs.	25000	No
	Name		DIN number		Type		Gender		Email		Contact				
Mr.S.K. Shreenivas		Innovator/ Entrepreneur		Innovator/Entrepreneur External to Institute		Male		kstwindingg@gmail.com		9443117255					

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	VMware India(ICT Academy,Chennai)	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	2	11-12-2019
2	UI Path Academic Alliance, Bangalore	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	02	16-12-2019
3	Iologix Automation Solutions, chennai	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	02	15-08-2019
4	Yaa Creations, Chennai,Salem	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	02	14-11-2019
5	Vee Technologies, Salem	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	02	19-02-2020
6	CADD CENTRE	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation	2	27-01-2020

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

No Data Filed!

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	IOT Device Configured: Automotive Internet of Things (IOT) Device Configured within a car comprises	202041008773	National	2020 - 03	Uploaded
	2	Intelligent Secure and Safety for the Welfare of the Women Society	201941022431	National	2019 - 06
Uploaded		3	Design Of IoT System Based On Contiki Operating System For Engineering Applications	201941051464	National
2019 - 12	Uploaded		4	Face Detection Module	202041001944

National	2020 - 01	Uploaded		5	MP- Finder : Medical Problems Finder and Notification Using Deep Learning Technique
202041003756	National	2020 - 02	Uploaded		6
ISC-Block Chain Control: Block Chain infrastructure and Smart Contracts Control	202041008770	National	2020 - 03	Uploaded	
7	IoT -Device Configured: Automotive Internet Of Things (IoT) Device Configured Within A Car Comprises	202041008773	National	2020 - 03	Uploaded
	8	System and method based on unmanned aerial vehicle to detect forest fire	201941051953A	National	2019 - 12
Uploaded		9	Cloud Based Data security Model and System thereof	201941053593A	National
2019 - 12	Uploaded		10	System and method to preserve Lifetime Personal Healthcare Bigdata	201941053817A
National	2019 - 12	Uploaded		11	EVCM - System: Electric Vehicle control and Monitoring system using IOT
202041003680A	National	2020 - 01	Uploaded		12
Automated Noninvasive blood group determination and cholesterol level using IoT	202041005771A	National	2020 - 02	Uploaded	
13	Harvesting Machine for tapioca vegetables	202041012787A	National	2020 - 03	Uploaded
	14	ERR- Cloud Computing; Enhance Robustness And Reduce Energy Costs Using Cloud Computing	201911009663A	National	2020 - 03
Uploaded		15	Electric vehicle control and monitoring system using IOT	202041003680A	National
2020 - 02	Uploaded		16	Big data based analysis method for privacy presevation	202041057125A
National	2020 - 01	Uploaded		17	Medical problems finder and notification using deep learning techniques
202041057125A	National	2020 - 01	Uploaded		18
Automotive internet of things device configure with in a car comprises	202041008773A	National	2020 - 03	Uploaded	
19	Block chain infra structure and smart contracts control	202041008770A	National	2020 - 03	NA
	20	System and Method for Segmentation And Boundary Detection Of Fetal Kidney Images Using Kernel Based Fuzzy Clustering	202041003160	National	2020 - 01

Uploaded		21	"DDPN-Technology: Disease Diagnoses Prediction And Notification Using IOT- Based Technology "	202041012278	National
2020 - 03	Uploaded		22	EDP-Machine Learning: Enterprise Internet-of-Things(IOT) ApplicationDevelopment Platform Using Machine Learning	202041012276
National	2020 - 03	Uploaded		23	IOT-Device Configured: Automotive Internet Of Things (IOT) Device Configured Within a Car Comprises
202041008773	National	2020 - 03	Uploaded		24
ERR-Cloud Computing: Enhance Robustness and Reduce Energy Costs using Cloud Computing	202041011068A	National	2020 - 03	Uploaded	
25	AIAEC- IOT technology: Artificial Intelligent based Agriculture Environment Control Using IOT Technology	202041013140	National	2020 - 03	Uploaded
	26	Smart Wireless Power Charging System For Intra-BMI	201941023595	National	2019 - 06
Uploaded		27	EVCN-System: Electric Vehicle Control and Monitoring System Using IOT	202041003680A	National
2020 - 01	Uploaded		28	MP- Finder : Medical Problems Finder and Notification Using Deep Learning Technique	202041003756

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	Harvesting Machine for tapioca vegetables	PatentsHoldByInnovations	202041012787A	Published	NA
	<div>Applicant Name</div> <div>Applicant Type</div> <div>Start-up/Innovator Name</div>				
	Dr.S.Saravanan Mr.V.Dhinesh Mr.D.Prasad Mrs.G.Jeevitha	Incubatee Startup	Electrical and Electronic		
2	ERR- Cloud Computing: Enhance Robustness And Reduce Energy Costs Using Cloud Computing	PatentsHoldByInnovations	201911009663A	Published	NA
	<div>Applicant Name</div> <div>Applicant Type</div> <div>Start-up/Innovator Name</div>				
	Dr. N. Suthanthira vanitha Dr.R. Prakash Dr.R.Sagayaraj Dr.G.Vijayakumar Dr.N.Mohananthini Dr.R.Raja	Incubatee Startup	Electrical and Electronic		
3	Electric vehicle control and monitoring system using IOT	PatentsHoldByInnovations	202041003680A	Published	NA
	<div>Applicant Name</div> <div>Applicant Type</div> <div>Start-up/Innovator Name</div>				
	Dr.N.Suthanthira vanitha	Incubatee Startup	Electrical and Electronic		

4	Medical problems finder and notification using deep learning techniques	PatentsHoldByInnovations	202041003756A	Published	NA
	Applicant Name	Applicant Type	Start-up/Innovator Name		
	Dr.N.Suthanthira vanitha	Incubatee Startup	Electrical and Electronic		
5	Automotive internet of things device configure with in a car comprises	PatentsHoldByInnovations	202041008773A	Published	NA
	Applicant Name	Applicant Type	Start-up/Innovator Name		
	Dr.N.Suthanthira vanitha	Incubatee Startup	Electrical and Electronic		
6	Block chain infra structure and smart contracts control	PatentsHoldByInnovations	202041008770A	Published	NA
	Applicant Name	Applicant Type	Start-up/Innovator Name		
	Dr.N.Suthanthira vanitha	Incubatee Startup	Electrical and Electronic		

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

Smo	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)	
1	Harvesting Machine for tapioca vegetables	IP/Patente d Technology	Licensing with Royalty Sharing	202041012787A	Patent/Licence Holder name (Institute Co- ownership is Must)	Saravanan	Electrical and Electronics Engineering	Licence Transferred to	Industry	Yes	50000	
					Contact number of license holder	7010272386		Name of Industry/Start- up/Agency Received License/Techn ology	Valarppirai Agencies			
					Email of Licence holder	hod.eee@m ec.edu.in		Address of Agency	kottai road palaniyappa colony Thillaiapuram Namakkal			
					Gender	Male		Contact Number of Agency	9003781177			
								Email of Agency	sales@valar pirai.com			

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

2	Electric vehicle control and monitoring system using IOT	IP/Patented Technology	Licensing with Royalty Sharing	202041003680A	<table><tr><td>Patent/Licence Holder name (Institute Co-ownership is Must)</td><td>N Suthanthira vanitha</td></tr><tr><td>Contact number of license holder</td><td>9965531515</td></tr><tr><td>Email of Licence holder</td><td>dean.qa@mec.edu.in</td></tr><tr><td>Gender</td><td>Female</td></tr></table>	Patent/Licence Holder name (Institute Co-ownership is Must)	N Suthanthira vanitha	Contact number of license holder	9965531515	Email of Licence holder	dean.qa@mec.edu.in	Gender	Female	Electrical and Electronics Engineering	<table><tr><td>Licence Transferred to</td><td>Industry</td></tr><tr><td>Name of Industry/Start-up/Agency Received License/Technology</td><td>SRM Technologies</td></tr><tr><td>Address of Agency</td><td>India Development Center 7 3rd Street G S Colony Teynampet</td></tr><tr><td>Contact Number of Agency</td><td>914443009049</td></tr><tr><td>Email of Agency</td><td>contact@srmttech.com</td></tr></table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	SRM Technologies	Address of Agency	India Development Center 7 3rd Street G S Colony Teynampet	Contact Number of Agency	914443009049	Email of Agency	contact@srmttech.com	Yes	50000
Patent/Licence Holder name (Institute Co-ownership is Must)	N Suthanthira vanitha																										
Contact number of license holder	9965531515																										
Email of Licence holder	dean.qa@mec.edu.in																										
Gender	Female																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	SRM Technologies																										
Address of Agency	India Development Center 7 3rd Street G S Colony Teynampet																										
Contact Number of Agency	914443009049																										
Email of Agency	contact@srmttech.com																										

Declaration

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

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. M.Madheswaran (Head of Institute) and Dr. S.Saravanan (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

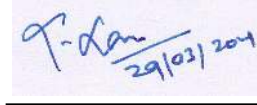
Thank you

The Head of Institute



Dr. M.Madheswaran
Head of the Institution,
Rasipuram, Tamil Nadu

Nodal officer



Dr. S.Saravanan
Nodal Officer,
Rasipuram, Tamil Nadu

Responsibility for accuracy and authenticity of data lies with the concerned institution.