



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Bannari Amman Institute of Technology [ARI-C-36984]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Bannari Amman Institute of Technology-Technology Business Incubator	Incubation Unit	Biotechnology/Diversified Engineering Domains	UG / PG / PhD	Both	73	2	2
2	NEN Entrepreneurship cell	Pre-incubation unit	Multisector	At all level	Both	260	1	0
3	IPR CEII	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multisector	At all level	Technical	157	2	1
4	B.E. (Electrical and Electronics Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	538	42	7
5	B.E. (Aeronautical Engineering)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	184	13	5
6	B.E. (Agriculture Engineering)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	120	10	3
7	B.E. (Automobile Engineering)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	299	10	5
8	B.E. (Biomedical Engineering)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	50	2	1
9	B.E. (Civil Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	390	29	9
10	B.E. (Computer Science and Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	910	73	20
11	B.E. (Electronics and Communication Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	839	58	10
12	B.E. (Electronics and Instrumentation Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	359	29	10

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13	B.E. (Information Science and Engineering)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	46	3	1
14	B.E. (Mechatronics)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	386	25	8
15	B.E. (Mechanical Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	792	53	19
16	B.Tech. (Bio-Technology)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	496	30	10
17	B.Tech. (Computer Science and Business Systems)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	49	2	1
18	B.Tech. (Computer Technology)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	57	2	1
19	B.Tech. (Food Technology)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	192	11	7
20	B.Tech. (Fashion Technology)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Both	169	13	7
21	B.Tech.. (Information Technology)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	553	45	25
22	B.Tech. (Textile Technology)	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	209	11	9
23	Master of Business Administration(MBA)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Both	231	10	3
24	DST - Liquid Crystal Research Lab	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	10	2	0
25	BIT - Free Scale Lab	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	25	1	0
26	BIT - ESSC Centre for PCB Design and Manufacturing	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	12	1	1
27	BIT - Festo Centre for Automation	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	22	1	1
28	BIT-FANUC center for CNC machines	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	60	2	1
29	BIT - Lectra CAD Centre	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	25	1	1

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30	BIT - KKM Soft Centre	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	35	1	1
31	BIT - Google Cloud Centre	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	60	2	2
32	BIT - Juniper Network Centre and TE Connectivity Lab	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	65	2	2
33	BIT - TE Connectivity Lab	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	45	2	2
34	BIT - DST Laboratory for Venom Peptidomics and Molecular Simulation	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	70	2	2
35	BIT - DST - TNSCST Centre for Bioenergy	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	45	2	2
36	GE-BIT CoE in Power System Dynamics	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	45	2	2
37	Salzer-BIT Innovation Centre	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	45	2	2
38	BIT - Axis Global Centre of Excellence in Industrial Automation	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	120	2	1
39	BIT - SP Automation Centre for IoT	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	62	1	1
40	BIT - Zan Compute Lab for IoT Deployment	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	74	2	1
41	BIT - Harita Centre New Product Development	Centre of Excellence with Advance Tools & Equipment	Research/Multidisciplinary	UG / PG / PhD	Technical	240	2	2
42	BIT - SEW Eurodrive Centre for Industrial Drives and Automation	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	72	1	0
43	Department of Physics	Academic Department with lab facility	Research	UG / PG / PhD	Not Allowed	0	19	4
44	Department of Mathematics	Academic Department with lab facility	Research	UG / PG / PhD	Technical	0	22	2
45	Industry Institute Cell	Industry Institute Interface Unit	Research/Multidisciplinary	UG / PG / PhD	Both	2852	2	1
46	M.E. (Applied Electronics)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	1	3	1

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47	M.E. (Communication Systems)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	11	3	2
48	M.E. (CAD-CAM)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	5	3	1
49	M.E. (Computer Science Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	14	3	1
50	M.E. (Engineering Design)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	15	3	1
51	M.E. (Embedded Systems)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	9	3	1
52	M.E (Industrial Automation and Robotics)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	7	3	1
53	M.E (Instrumentation Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	5	3	1
54	M.E (Industrial Safety Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	26	3	2
55	M.E. (Power Electronics and Drives)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	8	3	1
56	M.E. (Software Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	13	3	1
57	M.E. (Structural Engineering)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	26	3	1
58	M.E. (VLSI Design)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	8	3	1
59	M.Tech. (Bio Technology)	Academic Department with lab facility	Research/Multidisciplinary	UG / PG / PhD	Technical	17	3	1
60	Renewable Energy Park	Research Unit / Park	Renewable energy and diversified research	UG / PG / PhD	Technical	538	2	1
61	Bannari Amman Institute of Technology-Technology Business Incubator	Pre-incubation unit	Biotechnology/Diversified Engineering Domains	At all level	Both	45	2	2
62	Artificial Intelligence	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Not Allowed	32	2	0
63	SENSORS AND INSTRUMENTATION	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	45	4	1
64	ENERGY STORAGE AND CONVERSION	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	47	1	1

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65	DATA SCIENCE	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	121	4	0
66	ROBOTICS	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	52	1	1
67	BIO PROSPECTING LAB	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	45	2	0
68	BIO MOLECULAR DIAGNOSTICS AND CHARACTERISATION	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	47	4	0
69	BIOPROCESS AND BIOPRODUCTS LAB	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	47	3	0
70	VIRTUAL REALITY - AUGMENTED REALITY	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	55	1	0
71	EMBEDDED SYSTEM LAB	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	52	2	1
72	VISION ENGINEERING LAB	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	45	2	0
73	SUSTAINABLE CIVIL ENGINEERING MATERIALS LAB	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	52	1	0
74	DRIVES AND ACTUATORS	Research Unit / Park	Diversified Engineering Domains	UG / PG / PhD	Technical	42	1	0
75	COMMUNICATION PROTOCOL	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	42	2	0
76	ELECTRICAL PRODUCT DEV LAB	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	45	2	0
77	ELECTRONIC PRODUCT DEV LAB	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	47	2	0
78	FUNCTIONAL FOOD AND NUTRACEUTICALS	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	45	2	0
79	BIT INTEL CENTRE	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	42	1	1
80	BIT - Concord Centre for NDT	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	42	1	1
81	BIT - AICTE Lab for Mobile and Pervasive Computing	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	52	1	0
82	BIT - Aquasub Lab	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	65	1	0
83	BIT - CISCO Centre for Networking	Centre of Excellence with Advance Tools & Equipment	Diversified Engineering Domains	UG / PG / PhD	Technical	30	1	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 : IC201810345
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Satellite data access from online data repositories and ISRO Bhuvan geoportal	Innovation	Workshop	Institute Lead Activity	Civil Engineering	26-06-2019 00:00:00	26-06-2019 00:00:00	1	Within Campus	45	12	0	0	57	No	No
2	Architectural Planning using sketchup	Innovation	Workshop	Institute Lead Activity	Civil Engineering	16-09-2019 00:00:00	17-09-2019 00:00:00	2	Within Campus	48	15	0	0	63	No	No
3	Effective Construction Practices	Innovation	Workshop	Institute Lead Activity	Civil Engineering	10-10-2019 00:00:00	11-10-2019 00:00:00	2	Within Campus	57	13	0	0	70	No	No
4	Structural Dynamics and Earthquake Engineering	Innovation	Workshop	Institute Lead Activity	Civil Engineering	06-09-2019 00:00:00	07-09-2019 00:00:00	2	Within Campus	15	5	0	0	20	No	No
5	Design Marathon	Innovation	Workshop	Institute Lead Activity	Civil Engineering	30-09-2019 00:00:00	01-10-2019 00:00:00	2	Within Campus	25	6	0	0	31	No	No
6	Corrosion Mitigation and Repair & Rehabilitation of RCC Structures	Innovation	Workshop	Institute Lead Activity	Civil Engineering	22-10-2019 00:00:00	23-10-2019 00:00:00	2	Within Campus	30	5	0	0	35	No	No

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7	Significance of Course Outcomes (COs) in realizing OBE	Innovation	Workshop	Institute Lead Activity	Civil Engineering	23-10-2019 00:00:00	23-10-2019 00:00:00	1	Within Campus	25	3	0	0	28	No	No	
8	ManFest 2k20	Entrepreneurship/Start-up, Innovation	Innovation Contest	Student Lead Activity	School of Management Studies	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	130	0	115	0	245	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	79278	No
9	National Conference on Metamorphosis of Modern Management and Research - 3MR 2020	IPR, Innovation	Conference	Institute Lead Activity	School of Management Studies	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	77	15	98	21	211	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25776	No
10	Workshop on "Business Analytics using R software"	Innovation	Skill development	Institute Lead Activity	School of Management Studies	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Within Campus	50	9	0	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	116500	No
11	DST INSPIRE Science Camp	Innovation	Training	Institute Lead Activity	Physics	05-01-2020 00:00:00	09-01-2020 00:00:00	5	Within Campus	10	40	150	10	210	No	No	
12	Guest Lecture on "Industry ready for Embedded System and DSP Processors"	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	17-06-2019 00:00:00	17-06-2019 00:00:00	1	Within Campus	130	3	0	0	133	No	No	
13	Guest Lecture on Electromagnetic Fields Application in Industries	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	180	5	0	0	185	No	No	
14	Guest Lecture on "Job opportunities in VLSI domain"	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	135	3	0	0	138	No	No	

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15	Software Defined Network	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	02-07-2019 00:00:00	02-07-2019 00:00:00	1	Within Campus	80	0	0	0	80	No	No
16	TECHIE OF BIT	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	70	0	0	0	70	No	No
17	Seminar on "Project based learning with MATLAB/SIMULINK	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	140	1	0	0	141	No	No
18	Big Data Analytics	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
19	Company Atmosphere	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No
20	Guest Lecture on "IETE -Recent Trends in Aerospace"	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	26-11-2019 00:00:00	26-11-2019 00:00:00	1	Within Campus	130	3	0	0	133	No	No
21	Guest Lecture on "Importance of Education and Family Values"	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	28-11-2019 00:00:00	28-11-2019 00:00:00	1	Within Campus	135	1	0	0	136	No	No
22	Future Scope of Students on Higher Studies	Innovation	Awareness	Institute Lead Activity	Computer Science and Engineering	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
23	Seminar on "Role of Electronics in Aviation Industries"	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	135	3	0	0	138	No	No

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24	NATIONAL CONFERENCE ON INTERNET OF THINGS	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
25	NATIONAL CONFERENCE ON MACHINE LEARNING	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	23	0	0	0	23	No		No
26	6th National Conference on Recent Trends in Ubiquitous Computing and Communication Technology	Innovation	Conference	Institute Lead Activity	Computer Science and Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	250	0	0	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
27	Hyperspectral Remote Sensing	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	60	0	0	0	60	No		No
28	SPEED MASTER	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	30	0	0	0	30	No		No
29	CODE MASTER	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	30	0	0	0	30	No		No
30	MOCK INTERVIEW AND RESUME BUILDING	Innovation	Awareness	Institute Lead Activity	Computer Science and Engineering	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	30	0	0	0	30	No		No
31	DESIGN YOUR THEME(TRADEMARK)	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	55	0	0	0	55	No		No
32	WEB CRAWLER	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	45	0	0	0	45	No		No

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33	DESIGN FREAKY	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
34	TECHO' HOLIC	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
35	Networking Hacks	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
36	Trending Technologies at Present	Innovation	Awareness	Institute Lead Activity	Computer Science and Engineering	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	60	0	0	0	60	No	No	
37	Ethics in Data Analytics	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	55	0	0	0	55	No	No	
38	Mitra Mentor Training Program	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	14-11-2019 00:00:00	15-11-2019 00:00:00	2	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36829	No
39	Industry 4.0 Industrial Internet of Things (IIoT)	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	03-02-2020 00:00:00	14-03-2020 00:00:00	41	Within Campus	0	0	0	40	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	251219	No
40	Arvind Internet	Innovation	Exposure visit	Institute Lead Activity	Computer Science and Engineering	25-09-2019 00:00:00	26-09-2019 00:00:00	2	Outside Campus	180	4	0	0	184	No	No	
41	ITI, Bangalore	Innovation	Exposure visit	Institute Lead Activity	Computer Science and Engineering	25-09-2019 00:00:00	26-09-2019 00:00:00	2	Outside Campus	180	4	0	0	184	No	No	
42	Web Technology	Innovation	Skill development	Institute Lead Activity	Computer Science and Engineering	25-02-2020 00:00:00	20-03-2020 00:00:00	25	Within Campus	232	0	0	0	232	No	No	
43	IT software Solution for business	Innovation	Skill development	Institute Lead Activity	Computer Science and Engineering	25-02-2020 00:00:00	20-03-2020 00:00:00	25	Within Campus	232	0	0	0	232	No	No	

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44	Future Developments in Automotive Electronics	Innovation	Workshop	Student Lead Activity	Automobile Engineering	03-08-2019 00:00:00	03-08-2019 00:00:00	1	Within Campus	30	10	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
45	Crash Testing for Automobile Vehicles	Innovation	Orientation Session	Student Lead Activity	Automobile Engineering	15-06-2019 00:00:00	15-06-2019 00:00:00	1	Within Campus	59	11	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
46	Guest Lecture on Bicycle to Battle Tanks: Insights	Innovation	Orientation Session	Student Lead Activity	Automobile Engineering	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	33	7	40	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
47	Personal Effectiveness and Employable Skills - Level 1	Innovation	Seminar	Student Lead Activity	Physics	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	185	4	0	0	189	No	No	
48	NSS annual magazine release and tech community workshop	Innovation	Workshop	Student Lead Activity	Physics and NSS	07-03-2020 00:00:00	08-03-2020 00:00:00	2	Within Campus	100	4	0	0	104	No	No	
49	Seminar on EBSB	Innovation	Seminar	Institute Lead Activity	Physics	18-11-2019 00:00:00	18-11-2019 00:00:00	1	Within Campus	90	4	0	0	94	No	No	
50	Young Spring	Innovation	Orientation Session	Institute Lead Activity	Physics	01-11-2019 00:00:00	02-11-2019 00:00:00	2	Within Campus	10	15	750	5	780	No	No	
51	NSS BIT - Orientation Program	Innovation	Orientation Session	Student Lead Activity	Physics and NSS	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	80	4	0	0	84	No	No	
52	Hands on training on Design of Controllers for Power Converters	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	21-10-2019 00:00:00	23-10-2019 00:00:00	3	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4300	No

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

53	Workshop on "Arduino Course in IoT Series"	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	11	0	0	0	11	No	No	
54	Faculty Workshop on "C and C++"	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	15	15	0	0	30	No	No	
55	Training programme on SCARA Robot programming and vision system	IPR	Skill development	Student Lead Activity	Mechatronics	20-12-2019 00:00:00	21-12-2019 00:00:00	2	Within Campus	24	0	0	0	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
56	International International Conference on Advances in Materials research 2019	Innovation	Conference	Institute Lead Activity	Mechanical Engineering	06-12-2019 00:00:00	07-12-2019 00:00:00	2	Within Campus	80	220	60	140	500	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	108000	No
57	Hands on Training programme on Factory Automation	Entrepreneurship/Startup	Skill development	Student Lead Activity	Mechatronics	03-12-2019 00:00:00	06-12-2019 00:00:00	4	Within Campus	8	0	13	0	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	500	No
58	IUCEE Webinar for faculties	IPR	Motivational speak	Student Lead Activity	Mechatronics	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	0	16	0	0	16	No	No	
59	Workshop on Application of non destructive testing in industries	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	19-07-2019 00:00:00	19-07-2019 00:00:00	1	Within Campus	0	59	2	2	63	No	No	
60	International conference on Advances in Materials, Processing and Characterization	IPR	Conference	Institute Lead Activity	Mechatronics	10-09-2019 00:00:00	11-09-2019 00:00:00	2	Within Campus	0	72	0	0	72	No	No	

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

61	Fire safety awareness Program	Innovation	Training	Institute Lead Activity	Mechanical Engineering	16-07-2019 00:00:00	16-07-2019 00:00:00	1	Within Campus	143	0	12	0	155	No	No
62	DELMIA V6 software Training	Innovation	Training	Institute Lead Activity	Mechanical Engineering	24-07-2019 00:00:00	26-07-2019 00:00:00	3	Within Campus	0	0	13	0	13	No	No
63	Workshop on "Applications of 3D printing in Automotive and Medical Industries"	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	45	0	8	0	53	No	No
64	One day hands-on training on post processing of 3D printed components	Innovation	Training	Institute Lead Activity	Mechanical Engineering	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	56	0	6	0	62	No	No
65	One day Workshop "Advance material joining and Processing Techniques"	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	32	0	2	0	34	No	No
66	Fanuc CNC Programming Training	Innovation	Training	Institute Lead Activity	Mechanical Engineering	03-09-2019 00:00:00	03-09-2019 00:00:00	1	Within Campus	30	0	0	0	30	No	No
67	One day workshop on Energy Audit and water management in Dairy processing units	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	13	0	3	0	16	No	No
68	Workshop on Project based learning with MATLAB/SIMULINK	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	35	0	5	0	40	No	No

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

69	CATIA Training	Innovation	Training	Institute Lead Activity	Mechanical Engineering	29-11-2019 00:00:00	06-12-2019 00:00:00	8	Within Campus	48	0	0	0	48	No	No
70	Simulia – V6 Software training	Innovation	Training	Institute Lead Activity	Mechanical Engineering	04-12-2019 00:00:00	05-12-2019 00:00:00	2	Within Campus	0	0	10	0	10	No	No
71	Two day training on fire safety and usage of fire extinguisher	Innovation	Training	Institute Lead Activity	Mechanical Engineering	11-12-2019 00:00:00	12-12-2019 00:00:00	2	Within Campus	0	0	243	0	243	No	No
72	Workshop on Research Scopes in Micromachining and Additive Manufacturing processes	Innovation	Training	Institute Lead Activity	Mechanical Engineering	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	71	0	1	0	72	No	No
73	Two days national workshop on bicycle design competition 2020	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	01-02-2020 00:00:00	02-02-2020 00:00:00	2	Within Campus	65	12	15	0	92	No	No
74	One day workshop program on "Welding automation for modern manufacturing sectors"	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	41	2	6	0	49	No	No
75	Survey event on unclosed bore wells and wells	Innovation	Awareness	Institute Lead Activity	Chemistry	03-11-2019 00:00:00	03-11-2019 00:00:00	1	Outside Campus	65	4	0	0	69	No	No
76	Child & Women welfare and road safety awareness	Innovation	Awareness	Institute Lead Activity	Chemistry	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Outside Campus	102	2	0	0	104	No	No

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

77	Educational awareness to school students	Innovation	Awareness	Institute Lead Activity	Chemistry	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Outside Campus	30	2	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
78	Fire safety program	Innovation	Awareness	Institute Lead Activity	Chemistry	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	125	25	0	0	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11500	No
79	Self employment training programme	Innovation	Awareness	Institute Lead Activity	Chemistry	29-01-2020 00:00:00	04-02-2020 00:00:00	7	Outside Campus	120	4	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	44000	No
80	Community service and leadership development	Innovation	Awareness	Institute Lead Activity	Chemistry	13-03-2020 00:00:00	14-03-2020 00:00:00	2	Within Campus	37	2	0	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
81	National Conference on Recent Trends in Chemistry of Materials	Innovation	Conference	Institute Lead Activity	Chemistry	10-10-2019 00:00:00	11-10-2019 00:00:00	2	Within Campus	40	40	60	20	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	115511	No
82	Instrumental methods for material characterization	Innovation	Workshop	Institute Lead Activity	Chemistry	14-07-2019 00:00:00	14-07-2019 00:00:00	1	Within Campus	20	25	28	15	88	No	No	
83	Advanced composites on orthopedics implants	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	14-06-2019 00:00:00	14-06-2019 00:00:00	1	Within Campus	42	0	11	0	53	No	No	
84	Applications of Natural Bioactive Compounds in Textile and Biotech Industries	Innovation	Conference	Institute Lead Activity	Biotechnology	13-12-2019 00:00:00	14-12-2019 00:00:00	2	Within Campus	35	15	15	35	100	No	No	

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

85	Diagnosics For Pathogenic Bacteria V	Innovation	Workshop	Institute Lead Activity	Biotechnology	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	0	0	20	0	20	No	No
86	Analytical/Bioanalytical Instrumental Methods of Analysis in Life, Chemical Sciences & Biotechnology (ABIMA2 019)	Innovation	Workshop	Institute Lead Activity	Biotechnology	24-10-2019 00:00:00	26-10-2019 00:00:00	3	Within Campus	20	10	71	0	101	No	No
87	Applications of Chromatography Thermal Analysis & Cyclic Voltammetry Techniques for Characterization of Biomolecules/materials (ACTCVT -2020)*	Innovation	Workshop	Institute Lead Activity	Biotechnology	05-02-2020 00:00:00	07-02-2020 00:00:00	3	Within Campus	0	0	40	4	44	No	No
88	Biopharmaceutical industry with the application of analytical and characterization tools	Innovation	Awareness	Student Lead Activity	Biotechnology	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	96	0	0	0	96	No	No
89	Scope for Biotechnologists in Food Industry	Innovation	Motivational speak	Institute Lead Activity	Biotechnology	03-08-2019 00:00:00	03-08-2019 00:00:00	1	Within Campus	34	0	0	0	34	No	No
90	Career opportunities in Biotechnology	Innovation	Motivational speak	Institute Lead Activity	Biotechnology	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
91	Life after B.Tech Biotechnology	Innovation	Motivational speak	Institute Lead Activity	Biotechnology	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Within Campus	73	0	0	0	73	No	No

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

92	Career opportunities currently available in the field of Biopharmaceutical/Biotechnology industries as a part of Career guidance	Innovation	Motivational speak	Institute Lead Activity	Biotechnology	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	132	0	0	0	132	No	No							
93	Entrepreneurship Role Play	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Entrepreneurship Development Cell	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	21	2	0	0	23	No	No							
94	Jobs in Biopharma industries	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Biotechnology	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	128	2	0	0	130	No	No							
95	Capacity Building Programme on Working Capital Management	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Technology Business Incubator	24-10-2019 00:00:00	24-10-2019 00:00:00	1	Within Campus	20	3	5	2	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12218	No						
96	Funding Schemes for Start-ups	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Technology Business Incubator	21-12-2019 00:00:00	21-12-2019 00:00:00	1	Within Campus	20	5	5	2	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10215	No						
97	SCARA robot and vision system	Innovation	Training	Institute Lead Activity	Industrial Automation Laboratory	20-12-2019 00:00:00	21-12-2019 00:00:00	2	Within Campus	24	1	0	0	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No						
98	Factory Automation	Innovation	Training	Institute Lead Activity	Industrial Automation Laboratory	03-12-2019 00:00:00	06-12-2019 00:00:00	4	Within Campus	8	1	12	1	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	500	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Recognition Secured</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Appreciation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Appreciation	Award/Recognition/Achievement Received for	
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

103	Antenna Design and Fabrication Techniques	Innovation	Workshop	Student Lead Activity	Next Generation Networking Lab	20-05-2019 00:00:00	05-06-2019 00:00:00	17	Within Campus	40	2	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
104	Antenna Principles and Design Techniques	Innovation	Workshop	Student Lead Activity	Next Generation Networking Lab	04-12-2019 00:00:00	10-12-2019 00:00:00	7	Within Campus	35	2	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
105	Winter Camp	Innovation	Workshop	Institute Lead Activity	Data Science	12-12-2019 00:00:00	14-12-2019 00:00:00	3	Within Campus	31	3	0	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18000	No
106	Basics of Image Processing	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	19-06-2019 00:00:00	20-06-2019 00:00:00	2	Within Campus	14	0	0	0	14	No	No	
107	Estimating State of Charge of Batteries Using Coulomb Count Method	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	28-06-2019 00:00:00	28-06-2019 00:00:00	1	Within Campus	13	0	0	0	13	No	No	
108	Data Analysis and Visualization using MATLAB	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	10	0	0	0	10	No	No	
109	Mendley Reference Manager	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	16	0	0	0	16	No	No	
110	Raman Spectroscopy and Scanning / Tunneling Electron Microscope	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	18	0	0	0	18	No	No	
111	Basics of IPG Car Maker - 6.0.6	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	18	0	0	0	18	No	No	

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

112	IPG Car Maker - 6.0.6 - Graphs	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	17	0	0	0	17	No	No
113	IPG Car Maker - 6.0.6 - Google Map - Road Profile - Testing	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	20	0	0	0	20	No	No
114	Fundamentals of Arduino	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	27	0	0	0	27	No	No
115	ECG Monitoring and Measurement	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	23-11-2019 00:00:00	25-11-2019 00:00:00	3	Within Campus	15	0	0	0	15	No	No
116	Fundamentals of Deep Learning using Computer Vision	Innovation	Skill development	Institute Lead Activity	Artificial Intelligence Laboratory	02-11-2019 00:00:00	07-11-2019 00:00:00	6	Within Campus	30	1	0	0	31	No	No
117	Sensor Fundamentals - Design and Development	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	27	0	0	0	27	No	No
118	Industrial Automation	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	12-12-2019 00:00:00	12-12-2019 00:00:00	1	Within Campus	25	0	0	0	25	No	No
119	Introduction to Machine Learning	Innovation	Skill development	Institute Lead Activity	Artificial Intelligence Laboratory	11-11-2019 00:00:00	12-11-2019 00:00:00	2	Within Campus	60	1	0	0	61	No	No
120	R - Programming Using Swirl	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	12-12-2019 00:00:00	12-12-2019 00:00:00	1	Within Campus	25	0	0	0	25	No	No
121	Introduction to Machine Learning	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	26	0	0	0	26	No	No

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122	Sensor Design Using Nano-Technology	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	16-12-2019 00:00:00	16-12-2019 00:00:00	1	Within Campus	22	0	0	0	22	No	No			
123	Image Processing Using Python	Innovation	Training	Institute Lead Activity	Sensors and Instrumentation lab	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	12	0	0	0	12	No	No			
124	Cloud management	Innovation	Training	Institute Lead Activity	Clouds lab	21-02-2020 00:00:00	28-02-2020 00:00:00	8	Within Campus	20	1	0	0	21	No	No			
125	LoRaWAN integration with IOT and PCB design	Innovation	Workshop	Student Lead Activity	Clouds lab	16-12-2019 00:00:00	21-12-2019 00:00:00	6	Within Campus	22	2	0	0	24	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>20000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000																		
126	Cloud Technologies	Entrepreneurship/Startup	Training	Institute Lead Activity	Clouds lab	22-05-2019 00:00:00	27-05-2019 00:00:00	6	Within Campus	20	2	0	0	22	No	No			
127	Training Program on Database Management Systems	Entrepreneurship/Startup	Training	Institute Lead Activity	Clouds lab	23-07-2019 00:00:00	27-07-2019 00:00:00	5	Within Campus	20	1	0	0	21	No	No			
128	Google Cloud Training Programme on Architecting with Google Compute Engine	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Google Cloud	09-12-2019 00:00:00	12-12-2019 00:00:00	4	Within Campus	30	1	0	0	31	No	No			
129	PyGTK Programming	Innovation	Training	Institute Lead Activity	Computer Technology	20-02-2020 00:00:00	24-02-2020 00:00:00	5	Within Campus	57	0	0	0	57	No	No			
130	Impact of Microsoft Product and Opportunities	Innovation	Seminar	Institute Lead Activity	Computer Technology	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	57	0	0	0	57	No	No			
131	Impact of Software quality Analysis	Innovation	Seminar	Institute Lead Activity	Computer Technology	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	57	0	0	0	57	No	No			
132	GUI Programming	Innovation	Seminar	Institute Lead Activity	Computer Technology	14-11-2019 00:00:00	19-11-2019 00:00:00	6	Within Campus	26	0	0	0	26	No	No			

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

133	Video Creation Training	Innovation	Training	Institute Lead Activity	Computer Technology	21-10-2019 00:00:00	05-11-2019 00:00:00	16	Within Campus	200	0	0	0	200	No	No
134	Aqua Bot V 2.0 - Intra College Competition	Innovation	Skill development	Student Lead Activity	Unmanned underwater vehicle lab	31-07-2019 00:00:00	02-08-2019 00:00:00	3	Within Campus	24	1	0	0	25	No	No
135	BIT MTS Idea Presentation 2019	Innovation	Ideation	Student Lead Activity	Unmanned underwater vehicle lab	14-08-2019 00:00:00	14-08-2019 00:00:00	1	Within Campus	28	1	0	0	29	No	No
136	One Day workshop on Linux	Innovation	Workshop	Institute Lead Activity	BIT - IIT B Remote Center	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	0	26	0	0	26	No	No
137	Hands on Training on SMPS	Innovation	Training	Institute Lead Activity	Energy Storage and Conversion lab	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	73	0	0	0	73	No	No
138	Types of charging station	Innovation	Training	Institute Lead Activity	Energy Storage and Conversion Lab	08-08-2019 00:00:00	09-08-2019 00:00:00	2	Within Campus	27	0	0	0	27	No	No
139	Design of EV	Innovation	Training	Institute Lead Activity	Energy Storage and conversion Lab	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	38	0	0	0	38	No	No
140	Controller using Arduino	Innovation	Training	Institute Lead Activity	Energy Storage and Conversion Lab	12-11-2019 00:00:00	14-11-2019 00:00:00	3	Within Campus	27	0	0	0	27	No	No
141	Introduction to Electric Drive and MATLAB Simulation of Converter Circuits	Innovation	Training	Institute Lead Activity	Drives and Actuators Lab	01-07-2019 00:00:00	02-07-2019 00:00:00	2	Within Campus	42	0	0	0	42	No	No
142	Hands on Training of H-Bridge drive for a motor using different switches in PROTEUS	Innovation	Training	Institute Lead Activity	Drives and Actuators Lab	17-07-2019 00:00:00	18-07-2019 00:00:00	2	Within Campus	38	0	0	0	38	No	No

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143	Training on Rectifier Design for Electric Drives	Innovation	Training	Institute Lead Activity	Drives and Actuators Lab	30-07-2019 00:00:00	31-07-2019 00:00:00	2	Within Campus	36	0	0	0	36	No	No	
144	Winter Internship Training on STM Microcontroller	Innovation	Skill development	Institute Lead Activity	Embedded System Special Lab	18-12-2019 00:00:00	20-12-2019 00:00:00	3	Within Campus	34	2	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
145	Summer Internship on Application Development using Raspberry Pi and Python	Innovation	Skill development	Institute Lead Activity	Embedded System Special Lab	28-05-2019 00:00:00	01-06-2019 00:00:00	5	Within Campus	24	2	0	0	26	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
146	Entrepreneurship Awareness Camp (3 No's)	Entrepreneurship/Startup	Awareness	Student Lead Activity	Udyami Entrepreneurship Development Cell	03-02-2020 00:00:00	07-03-2020 00:00:00	34	Outside Campus	225	0	0	0	225	No	No	
147	Entrepreneurship Role play	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Udyami Entrepreneurship Development Cell	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	21	1	0	0	22	No	No	
148	Students Explorer Meet 2019	Entrepreneurship/Startup	Orientation Session	Student Lead Activity	Udyami Entrepreneurship Development Cell	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	118	1	0	0	119	No	No	
149	BIT Startup phase I Meet	Entrepreneurship/Startup	Awareness	Student Lead Activity	Udyami Entrepreneurship Development Cell	19-05-2019 00:00:00	19-05-2019 00:00:00	1	Within Campus	103	0	0	0	103	No	No	
150	EV communication	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	11-02-2020 00:00:00	13-02-2020 00:00:00	3	Within Campus	95	15	0	0	110	No	No	
151	TEXUS	Innovation	Conference	Student Lead Activity	Textile Technology	23-01-2020 00:00:00	24-01-2020 00:00:00	2	Within Campus	98	12	68	5	183	No	No	

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

152	3rd National Conference On Contributions of Mathematics In Science and Technology COMIST' 20	Innovation	Conference	Institute Lead Activity	Mathematics	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	30	40	40	15	125	No	No						
153	The Art of Designing a Utility Program	Innovation	Training	Student Lead Activity	Programming	17-05-2019 00:00:00	22-05-2019 00:00:00	6	Within Campus	9	0	0	0	9	No	No						
154	IT Software Solutions for Business	Innovation	Training	Student Lead Activity	Programming	19-12-2019 00:00:00	24-12-2019 00:00:00	6	Within Campus	27	0	0	0	27	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>four Student secured First place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>First Prize</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	four Student secured First place	Title of Innovation / Start-up Secured the Award / Recognition	First Prize	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	four Student secured First place																					
Title of Innovation / Start-up Secured the Award / Recognition	First Prize																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
155	Macrame Knotting Snug Bags	Innovation	Training	Institute Lead Activity	Art and Design Laboratory	23-11-2019 00:00:00	23-11-2019 00:00:00	1	Outside Campus	0	4	30	10	44	No	No						
156	Virtual Training on Adobe Photoshop	Innovation	Training	Institute Lead Activity	Art and Design Laboratory	15-03-2020 00:00:00	20-03-2020 00:00:00	6	Within Campus	0	25	0	0	25	No	No						
157	Macrame knotting-Mass Attempt	Innovation	Awareness	Student Lead Activity	Art and Design Laboratory	09-09-2019 00:00:00	09-09-2019 00:00:00	1	Within Campus	500	50	0	0	550	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>250000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000																					
158	Winter Camp	Entrepreneurship/Start-up	Training	Institute Lead Activity	Art and Design Laboratory	10-12-2019 00:00:00	17-12-2019 00:00:00	8	Within Campus	12	2	0	0	14	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>25000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000																					

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

159	5-days Workshop on Augmented and Virtual Reality	Innovation	Workshop	Institute Lead Activity	Augmented Reality and Virtual Reality Lab	22-05-2019 00:00:00	11-06-2019 00:00:00	21	Within Campus	30	2	10	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	No
160	Cyberiz-I and II	Innovation	B-Plan Competitions	Institute Lead Activity	Information Technology	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	25	0	0	0	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
161	Code Igniter	Innovation	Skill development	Institute Lead Activity	Information Technology	14-10-2019 00:00:00	15-10-2019 00:00:00	2	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17000	No
162	Guest lecture on "Scope and opportunities in Biomedical Engineering"	Innovation	Orientation Session	Institute Lead Activity	Biomedical Engineering	07-08-2019 00:00:00	07-08-2019 00:00:00	1	Within Campus	50	4	0	0	54	No	No	
163	Field Visit Cum Skill Training on "Dengue Awareness"	Innovation	Exposure visit	Institute Lead Activity	Biomedical Engineering	27-11-2019 00:00:00	27-11-2019 00:00:00	1	Outside Campus	50	2	0	0	52	No	No	
164	Guest lecture on "Scope and Challenges in Servicing of Healthcare Equipments"	Innovation	Motivational speak	Institute Lead Activity	Biomedical Engineering	27-11-2019 00:00:00	01-01-2020 00:00:00	36	Within Campus	43	2	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

165	Skill Training Program on Health and Social Care	Innovation	Skill development	Institute Lead Activity	Biomedical Engineering	25-02-2020 00:00:00	26-02-2020 00:00:00	2	Within Campus	43	4	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	Award / Position / Recognition Secured	Selected for Pre-state Level Competition
																	Title of Innovation / Start-up Secured the Award / Recognition	Health and Social Care
																	Award/Recognition/Achievement Received for	
166	Entrepreneurship in Geoenvironmental Engineering	Innovation	Seminar	Institute Lead Activity	Civil Engineering	25-11-2019 00:00:00	07-12-2019 00:00:00	13	Within Campus	0	25	0	5	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000	No	
167	Sustainable Water Management Systems	Innovation	Workshop	Institute Lead Activity	Civil Engineering	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	50	20	55	25	150	No		No	
168	REDCAR '19 (Reduction of Carbon Foot Print In Buildings)	Innovation	Workshop	Institute Lead Activity	Civil Engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	32	26	88	7	153	No		No	

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	KALAM 2020	Innovation	Workshop	Coimbatore Institute of Engineering and Technology	Educational Institute	10-03-2020 00:00:00	10-03-2020 00:00:00	1	1	0	1	No	---	---	No	No
2	TEXPERIA 20	Innovation	Workshop	SNS College of Technology	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	1	0	1	No	---	---	No	No

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

3	National Level Technical Festival	Innovation	Workshop	IIT Madras	Educational Institute	31-01-2020 00:00:00	01-02-2020 00:00:00	2	3	0	3	No	---	---	No	No
4	Geosmart India conference	Innovation	Conference	Geo Smart Agency	Educational Institute	03-12-2019 00:00:00	05-12-2019 00:00:00	3	1	0	1	No	---	---	No	No
5	CSIR sponsored 2 days seminar	Innovation	Seminar	Kongu College of Engineering	Educational Institute	28-11-2019 00:00:00	29-11-2019 00:00:00	2	1	0	1	No	---	---	No	No
6	Research Support Conclave	Innovation	Conference	Coimbatore Institute of Engineering and Technology	Educational Institute	08-01-2020 00:00:00	10-01-2020 00:00:00	3	1	0	1	No	---	---	No	No
7	International Conference on Computational Vision and Bio Inspired Computing	Innovation	Conference	Electronics and Communication Engineering	Educational Institute	25-09-2019 00:00:00	26-09-2019 00:00:00	2	4	0	4	No	---	---	No	No
8	Workshop on Advancements in MEMS and Research aspects	Innovation	Workshop	Electronics and Communication Engineering	Educational Institute	19-09-2019 00:00:00	20-09-2019 00:00:00	2	3	0	3	No	---	---	No	No
9	International Conference on CSIT-2019	Innovation	Conference	Electronics and Communication Engineering	Educational Institute	02-11-2019 00:00:00	03-11-2019 00:00:00	2	0	2	2	No	---	---	No	No
10	FDP On VLSI Design	Innovation	Training	Electronics and Communication Engineering	Educational Institute	13-12-2019 00:00:00	14-12-2019 00:00:00	2	0	2	2	No	---	---	No	No
11	International Conference on Science, Technology, Engineering and Management.	Innovation	Conference	Kalaingar Karunani dhi Institute of Technology	Educational Institute	13-02-2020 00:00:00	14-02-2020 00:00:00	2	0	1	1	No	---	---	No	No

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

12	National Conference on Emerging Trends in automation Robotics and Mechatronics	Innovation	Conference	SNS college of Technology, Coimbatore	Educational Institute	05-03-2020 00:00:00	06-03-2020 00:00:00	2	0	2	2	No	---	---	No	No									
13	International Conference on Signal Processing and Communication System	Innovation	Conference	M.Kumar asamy College of Engineering	Educational Institute	05-03-2020 00:00:00	05-03-2020 00:00:00	1	0	1	1	No	---	---	No	No									
14	International Conference on Innovative Research in Thermal Manufacturing Engineering	Innovation	Conference	Velammal College of Engineering and Technology- Madurai	Educational Institute	17-10-2019 00:00:00	18-10-2019 00:00:00	2	0	1	1	No	---	---	No	No									
15	TDC Workshop	Innovation	Workshop	SAE India	Non-Govt. Agencies	14-02-2020 00:00:00	15-02-2020 00:00:00	2	200	10	210	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>8000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No						
Total Total Expense Amount Incurred by Institute? (In Rupees)	8000																								
16	Electric Two Wheeler design Competition 2019	Innovation	Innovation Contest	SAE India	Non-Govt. Agencies	27-09-2019 00:00:00	29-09-2019 00:00:00	3	350	30	380	Yes	1	Special Award	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>70000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	70000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Special Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Special Award	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	70000																								
Award / Position / Recognition Secured	1																								
Title of Innovation / Start-up Secured the Award / Recognition	Special Award																								
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																								
17	Introduction to sustainability in Auroville	Innovation	Workshop	Auroville foundation	Educational Institute	26-02-2020 00:00:00	26-02-2020 00:00:00	1	0	1	1	No	---	---	No	No									

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

18	AFM Workshop	Innovation	Workshop	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	26-08-2019 00:00:00	26-08-2019 00:00:00	1	0	1	1	No	---	---	No	No	
19	Instrumental methods for material Characterization	Innovation	Workshop	Department of Chemistry	Educational Institute	14-06-2019 00:00:00	14-06-2019 00:00:00	1	0	3	3	No	---	---	No	No	
20	RACES - 2019	Innovation	Conference	Sathyabama Institute of Science and Technology	Educational Institute	13-11-2019 00:00:00	15-11-2019 00:00:00	3	0	3	3	No	---	---	No	No	
21	All India Seminar on Role of Embedded systems in Industry 4.0	Innovation	Seminar	PSG college of Technology	Educational Institute	30-08-2019 00:00:00	31-08-2019 00:00:00	2	0	2	2	No	---	---	No	No	
22	ICATEE 2019	Entrepreneurship/Startup	Conference	Kamaraj College of Engineering and Technology	Educational Institute	04-10-2019 00:00:00	05-10-2019 00:00:00	2	0	2	2	No	---	---	No	No	
23	ICSET 2019	Innovation	Conference	VIT University	Educational Institute	30-10-2019 00:00:00	31-10-2019 00:00:00	2	0	1	1	No	---	---	No	No	
24	Guest lecture on IoT Application	Entrepreneurship/Startup	Workshop	BIT, Sathy	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	50	1	51	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 2000		No
25	GLOGIF T 19	Innovation	Conference	IIT ROORKEE	Educational Institute	06-12-2019 00:00:00	08-12-2019 00:00:00	3	0	1	1	No	---	---	No	No	
26	PECCON 19	Innovation	Conference	VIT University, Chennai	Educational Institute	12-12-2019 00:00:00	14-12-2019 00:00:00	3	0	3	3	No	---	---	No	No	

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

27	Guest lecture on Planning for Higher Studies and Job in abroad	Entrepreneurship/Startup	Workshop	BIT, Sathy	Educational Institute	22-07-2019 00:00:00	22-07-2019 00:00:00	1	45	2	47	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
28	I3CPE 19	Entrepreneurship/Startup	Conference	SASTRA University	Educational Institute	27-12-2019 00:00:00	28-12-2019 00:00:00	2	0	2	2	No	---	---	No		No
29	ICASIC 2020	Innovation	Conference	VIT UNIVERSITY, VELLOR E	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	0	4	4	No	---	---	No		No
30	NCETIS 19	Innovation	Conference	Sri Ramakrishna Engineering College	Educational Institute	12-12-2019 00:00:00	13-12-2019 00:00:00	2	0	2	2	No	---	---	No		No
31	International Conference on Sustainable Development	Innovation	Conference	Kalasalaingam Academy of Research and Education	Educational Institute	18-12-2019 00:00:00	20-12-2019 00:00:00	3	0	2	2	No	---	---	No		No
32	ICES 2020	Innovation	Conference	SNS College of Technology	Educational Institute	20-02-2020 00:00:00	21-02-2020 00:00:00	2	0	3	3	No	---	---	No		No
33	NCRTCP FT	Innovation	Conference	Educational Institution (Vigyans foundation)	Non-Govt. Agencies	16-08-2019 00:00:00	17-08-2019 00:00:00	2	0	1	1	No	---	---	No		No
34	National conference on recent development in chemical sciences	Innovation	Conference	BWDA Arts and Science College	Educational Institute	04-10-2019 00:00:00	04-10-2019 00:00:00	1	0	1	1	No	---	---	No		No
35	Gordon Research Conference on Photochemistry	Innovation	Conference	Stonehill College USA	Educational Institute	14-07-2019 00:00:00	19-07-2019 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	209303	No
36	Advances in Cyber security	Innovation	Conference	Penang Malaysia	Educational Institute	30-07-2019 00:00:00	01-08-2019 00:00:00	3	0	1	1	No	---	---	No		No

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

37	Energy Conservation Building Code	Innovation	Training	Plaza Inn, Coimbatore	Non-Govt. Agencies	20-06-2019 00:00:00	21-06-2019 00:00:00	2	0	2	2	No	---	---	No	No
38	Advanced welding Technology	Innovation	Training	KEMP Industries, Coimbatore	Non-Govt. Agencies	14-06-2019 00:00:00	14-06-2019 00:00:00	1	0	1	1	No	---	---	No	No
39	Summer research internship program	Innovation	Training	NIT Karnataka	Educational Institute	16-05-2019 00:00:00	07-06-2019 00:00:00	23	0	1	1	No	---	---	No	No
40	Summer research internship program	Innovation	Training	IIT Roorkee	Educational Institute	12-06-2019 00:00:00	04-07-2019 00:00:00	23	0	1	1	No	---	---	No	No
41	Energy efficient use of Air compressor	Innovation	Training	Energy clinic, Coimbatore	Non-Govt. Agencies	17-07-2019 00:00:00	17-07-2019 00:00:00	1	0	1	1	No	---	---	No	No
42	Sustain Safety Culture in High Risk Industries	Innovation	Training	National Safety Council, Tiruchirappalli	Govt. Agency (Central)	05-09-2019 00:00:00	05-09-2019 00:00:00	1	0	1	1	No	---	---	No	No
43	Gleeble Thermal simulation software	Innovation	Training	PSG College of Technology, Coimbatore	Educational Institute	26-09-2019 00:00:00	27-09-2019 00:00:00	2	0	1	1	No	---	---	No	No
44	Design for manufacture, Assembly and Environment for product innovation and optimization	Innovation	Training	Dr.MCET, Coimbatore	Educational Institute	25-11-2019 00:00:00	07-12-2019 00:00:00	13	0	1	1	No	---	---	No	No
45	International Conference on Applications Biotechnology and Nanotechnology	Innovation	Conference	B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur	Educational Institute	30-09-2019 00:00:00	01-10-2019 00:00:00	2	0	1	1	No	---	---	No	No

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

46	National Conference on Recent Advances in Biodiversity, Biology and Biotechnology of Fungi	Innovation	Conference	Mycological Society of India	Non-Govt. Agencies	07-11-2019 00:00:00	09-11-2019 00:00:00	3	0	1	1	No	---	---	No	No
47	7th Bioprocessing India Conference	Innovation	Conference	Central Food Technological Research Institute, Mysuru	Govt. Agency (Central)	14-12-2019 00:00:00	16-12-2019 00:00:00	3	0	1	1	No	---	---	No	No
48	Basics and Advances in Microbiology	Innovation	Motivational speak	Government College of Technology, Coimbatore	Educational Institute	11-12-2019 00:00:00	11-12-2019 00:00:00	1	0	1	1	No	---	---	No	No
49	International Conference on Sustainable development in Energy and Environment	Innovation	Conference	Kamaraj College of Engineering and Technology, Madurai	Educational Institute	18-07-2019 00:00:00	19-07-2019 00:00:00	2	9	1	10	No	---	---	No	No
50	National Conference on Make In India for the Biotech Way Forward	Innovation	Conference	Sri Sakthi Institute of Engineering and Technology, Coimbatore	Educational Institute	30-08-2019 00:00:00	31-08-2019 00:00:00	2	0	1	1	No	---	---	No	No
51	International conference on Biotechnological advances in medicinal plants and natural products and medicinal plant research	Innovation	Conference	Gardentiy University, Bengaluru	Educational Institute	19-09-2019 00:00:00	20-09-2019 00:00:00	2	0	1	1	No	---	---	No	No

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

52	Stem cell Research and Techniques	Innovation	Workshop	PSG College of Technology, Coimbatore	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	0	1	1	No	---	---	No	No
53	Drug Discovery and Development-NCE Biologics and Nutraceuticals	Innovation	Workshop	Mepco Schlenk Engg College, Sivakasi	Educational Institute	09-08-2019 00:00:00	10-08-2019 00:00:00	2	0	1	1	No	---	---	No	No
54	Bioprocess in Bioenergy and its application	Innovation	Motivational speak	Karpagam University, Coimbatore	Educational Institute	23-07-2019 00:00:00	23-07-2019 00:00:00	1	0	1	1	No	---	---	No	No
55	Recent Advances in Bioinformatics	Innovation	Workshop	Government College of Technology, Coimbatore	Educational Institute	16-09-2019 00:00:00	17-09-2019 00:00:00	2	1	0	1	No	---	---	No	No
56	Recent Advances in Riemann Hypothesis Technology and innovations in adaptable intelligence systems - RHAIFA 2019	Innovation	Conference	Vellalar College of Engineering and Technology, Pollachi	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	1	0	1	No	---	---	No	No
57	International Conference on Recent trends in Nanotechnology, Energy and Environment (ICBEE-2020)	Innovation	Conference	B. S. Abdur Rahman Crescent Institute Of Science And Technology, Chennai	Educational Institute	18-02-2020 00:00:00	19-02-2020 00:00:00	2	25	2	27	No	---	---	No	No

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

58	National Conference on Innovation in Biochemical and Food Technology (BCFT-20)	Innovation	Conference	Kumaraguru College of Technology, Coimbatore	Educational Institute	14-03-2020 00:00:00	14-03-2020 00:00:00	1	87	3	90	No	---	---	No	No
59	Metagenomic Analysis	Innovation	Workshop	PSG Institute of Technology, Coimbatore	Educational Institute	14-12-2019 00:00:00	14-12-2019 00:00:00	1	0	1	1	No	---	---	No	No
60	Computer Aided Drug Design	Innovation	Workshop	Indian Institute of Technology, Madras	Educational Institute	17-01-2020 00:00:00	18-01-2020 00:00:00	2	0	1	1	No	---	---	No	No
61	Computer Aided Drug Design	Innovation	Workshop	Manonmaniam Sundaranar University	Educational Institute	03-02-2020 00:00:00	04-02-2020 00:00:00	2	0	1	1	No	---	---	No	No
62	Biopharmaceutical Product Development on Biophysical characterization of Biologics and Biosimilars	Innovation	Training	BCIL	Govt. Agency (Central)	03-02-2020 00:00:00	07-02-2020 00:00:00	5	0	1	1	No	---	---	No	No
63	Waste water Treatment	Innovation	Workshop	Erode Sengunthar Engineering college, Perundurai	Educational Institute	07-02-2020 00:00:00	07-02-2020 00:00:00	1	3	0	3	No	---	---	No	No
64	Bioreactor Considerations for Bioprocess Industries	Innovation	Workshop	Manipal Institute of Technology, Manipal	Educational Institute	07-02-2020 00:00:00	08-02-2020 00:00:00	2	5	0	5	No	---	---	No	No
65	Bigdata and Phyton	Innovation	Workshop	Nanda Infotech, Coimbatore	Corporate / Industry Association	02-02-2020 00:00:00	02-02-2020 00:00:00	1	1	0	1	No	---	---	No	No

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

66	Artificial Intelligence	Innovation	Workshop	Indian Institute of Technology, Tirupati	Educational Institute	01-02-2020 00:00:00	02-02-2020 00:00:00	2	1	0	1	No	---	---	No	No							
67	Agri Intex - 2019 Expo Participation	Entrepreneurship/Startup	Exhibition	Coimbatore District Small Industries Association, Coimbatore	Educational Institute	12-07-2019 00:00:00	15-07-2019 00:00:00	4	1000	30	1030	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	51082	No						
68	AIM NITI AAYOG, New Delhi Training Programme on EIC AICs	Entrepreneurship/Startup	Training	AIM - NITI AAYOG - New Delhi	Govt. Agency (Central)	27-06-2019 00:00:00	29-06-2019 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	23011	No						
69	ISBA - Annual Conference	Entrepreneurship/Startup	Conference	Indian Steps and Business Incubation Association	Corporate / Industry Association	17-07-2019 00:00:00	19-07-2019 00:00:00	3	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	14245	No						
70	Ero Intex - 2019	Entrepreneurship/Startup	Exhibition	Erode District Small Industries Association, Erode	Corporate / Industry Association	22-09-2019 00:00:00	22-09-2019 00:00:00	1	2	3	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6503	No						
71	Ideation Event	Entrepreneurship/Startup	Innovation Contest	Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	12-02-2020 00:00:00	12-02-2020 00:00:00	1	6	2	8	Yes	Prototype Grant	Recycle carry bag to avoid plastic and culture from milk whey	Total Total Expense Amount Incurred by Institute? (In Rupees)	17208	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Prototype Grant</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Recycle carry bag to avoid plastic and culture from milk whey</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Prototype Grant	Title of Innovation / Start-up Secured the Award / Recognition	Recycle carry bag to avoid plastic and culture from milk whey	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Prototype Grant																						
Title of Innovation / Start-up Secured the Award / Recognition	Recycle carry bag to avoid plastic and culture from milk whey																						
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72	X design challenge	Innovation	Innovation Contest	Dassault Systems	Corporate / Industry Association	24-04-2019 00:00:00	18-07-2019 00:00:00	86	10	0	10	Yes	Recognition Secured	Best design for Electric Vehicle	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Recognition Secured</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best design for Electric Vehicle</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Best design for Electric Vehicle	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Recognition Secured																					
Title of Innovation / Start-up Secured the Award / Recognition	Best design for Electric Vehicle																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
73	Bicycle Design Competition- 2019	Innovation	Innovation Contest	SAEINDIA Southern Section (SAEISS)	Non-Govt. Agencies	01-04-2019 00:00:00	03-08-2019 00:00:00	12	5	0	5	Yes	Second	Best endurance award	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best endurance award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	Best endurance award	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second																					
Title of Innovation / Start-up Secured the Award / Recognition	Best endurance award																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
74	Designation	Innovation	Innovation Contest	eMPI Institution, New Delhi	Educational Institute	08-11-2019 00:00:00	09-11-2019 00:00:00	2	5	0	5	No	---	---	No	No						
75	CAD Modeling	Innovation	Innovation Contest	Kongu Engineering College	Educational Institute	11-01-2020 00:00:00	11-01-2020 00:00:00	1	1	0	1	Yes	First	CAD modeling	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CAD modeling</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	CAD modeling	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																					
Title of Innovation / Start-up Secured the Award / Recognition	CAD modeling																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					

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

76	India Skills Tamilnadu 2020	Innovation	Skill development	Govt. of Tamilnadu	Govt. Agency (State)	23-01-2020 00:00:00	31-01-2020 00:00:00	9	20	0	20	Yes	Three First place, Two Runner up	Mechanical Engineering CAD	No			Award / Position / Recognition Secured	Three First place, Two Runner up
																		Title of Innovation / Start-up Secured the Award / Recognition	Mechanical Engineering CAD
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
77	CAD Modeling	Innovation	Skill development	Vellalar College of Engineering, Erode	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	2	0	2	Yes	First	Skill	No			Award / Position / Recognition Secured	First
																		Title of Innovation / Start-up Secured the Award / Recognition	Skill
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
78	Smart India Hackathon 2019- Hardware Edition	Innovation	Hackathon	MHRD	Govt. Agency (Central)	07-08-2019 00:00:00	14-08-2019 00:00:00	8	48	6	54	Yes	FIRST	SMART HAND WASH, SMART AIR COOLER, WATER MANAGEMENT				Award / Position / Recognition Secured	FIRST
																		Title of Innovation / Start-up Secured the Award / Recognition	SMART HAND WASH, SMART AIR COOLER, WATER MANAGEMENT
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
																		TotalTotal Expense Amount Incurred by Institute? (In Rupees)	200000

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79	Oil seal design and Modeling with kinematic check	Innovation	Innovation Contest	Nandha Engineering College	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	4	0	4	Yes	Two First places	Oil seal design and Modeling with kinematic	No	Award / Position / Recognition Secured		Two First places	Title of Innovation / Start-up Secured the Award / Recognition		Oil seal design and Modeling with kinematic	Award/Recognition/Achievement Received for		Idea/Innovation/Prototype
80	Mechnotron - 2020	Innovation	Innovation Contest	Coimbatore Institute of Technology, Coimbatore	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	1	0	1	Yes	First	CAD skill	No	Award / Position / Recognition Secured		First	Title of Innovation / Start-up Secured the Award / Recognition		CAD skill	Award/Recognition/Achievement Received for		Idea/Innovation/Prototype
81	VESAITHON	Innovation	Hackathon	VIVEKANANDHA EDUCATIONAL SOCIETY INSTITUTE OF TECHNOLOGY	Educational Institute	28-06-2019 00:00:00	29-06-2019 00:00:00	2	4	1	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		5000	No						
82	IEEE YESIST 12 Preliminary Round	Innovation	Hackathon	IEEE	Corporate / Industry Association	13-09-2019 00:00:00	14-09-2019 00:00:00	2	18	2	20	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		21700	No						
83	IEEE YESIST 12 Finale Thailand	Innovation	Hackathon	IEEE	Corporate / Industry Association	07-09-2019 00:00:00	12-09-2019 00:00:00	6	3	1	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		47000	No						

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84	Maniapal Hackathon	Innovation	Hackathon	Manipal Institute of Technology	Educational Institute	11-10-2019 00:00:00	12-10-2019 00:00:00	2	62	3	65	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28000	No						
85	Apollo Conference Cum Exhibition Hyderabad	Innovation	Hackathon	Hyderabad International Conventional Centre (HICC Novote	Corporate / Industry Association	13-09-2019 00:00:00	14-09-2019 00:00:00	2	6	1	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12800	No						
86	BENGAL ATHON	Innovation	Hackathon	WEST BENGAL GOVERNMENT	Govt. Agency (State)	30-10-2019 00:00:00	30-10-2019 00:00:00	1	6	1	7	Yes	FIRST	WATER MANAGEMENT	Total Total Expense Amount Incurred by Institute? (In Rupees)	30000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>FIRST</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>WATER MANAGEMENT</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	FIRST	Title of Innovation / Start-up Secured the Award / Recognition	WATER MANAGEMENT	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	FIRST																						
Title of Innovation / Start-up Secured the Award / Recognition	WATER MANAGEMENT																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
87	Smart Aurangabad Hackathon	Innovation	Hackathon	GOVERNMENT COLLEGE OF ENGINEERING AURANGABAD	Educational Institute	21-01-2020 00:00:00	23-01-2020 00:00:00	3	9	2	11	Yes	FIRST	SMART WATER QUALITY MONITORING	Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>FIRST</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SMART WATER QUALITY MONITORING</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	FIRST	Title of Innovation / Start-up Secured the Award / Recognition	SMART WATER QUALITY MONITORING	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	FIRST																						
Title of Innovation / Start-up Secured the Award / Recognition	SMART WATER QUALITY MONITORING																						
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88	Yugam 2020	Innovation	Innovation Contest	Kumaraguru College of Technology	Educational Institute	05-03-2020 00:00:00	07-03-2020 00:00:00	3	2	0	2	Yes	First	Depict and Design	No		Award / Position / Recognition Secured	First
																	Title of Innovation / Start-up Secured the Award / Recognition	Depict and Design
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
89	IESA MAKEAT HON 2019	Innovation	Hackathon	India Electronics And Semiconductor Association	Corporate / Industry Association	25-01-2020 00:00:00	26-01-2020 00:00:00	2	20	2	22	No	---	---	No		No	
90	Newgen IEDC Funding Proposal	Innovation	Hackathon	National Science and Technology Entrepreneurship Development Board	Govt. Agency (Central)	30-01-2020 00:00:00	31-01-2020 00:00:00	2	15	2	17	No	---	---	No		No	
91	Antenna Principles and Design Techniques	Innovation	Workshop	Electronics and Communication Engineering	Corporate / Industry Association	04-12-2019 00:00:00	10-12-2019 00:00:00	7	35	2	37	No	---	---	No		No	
92	HACK O HOLICS 2	Innovation	Innovation Contest	St Josephs Institute of Technology Chennai	Educational Institute	20-09-2019 00:00:00	21-09-2019 00:00:00	2	7	0	7	Yes	Secured Second place with 15000 rupees cash award	HACK O HOLICS		5962	Award / Position / Recognition Secured	Secured Second place with 15000 rupees cash award
																	Title of Innovation / Start-up Secured the Award / Recognition	HACK O HOLICS
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
																	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	

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93	Hack Summit	Innovation	Innovation Contest	AARUUS H at SRM UNIVERSITY	Educational Institute	31-08-2019 00:00:00	01-09-2019 00:00:00	2	3	0	3	Yes	Bagged Rs 10,000 and secured Overall Third Place	Innovation in Production industries	Total Total Expense Amount Incurred by Institute? (In Rupees)	4340	Award / Position / Recognition Secured	Bagged Rs 10,000 and secured Overall Third Place
94	DAKSH-20	Innovation	Hackathon	Sastra University	Educational Institute	21-02-2020 00:00:00	23-02-2020 00:00:00	3	5	0	5	Yes	First	Smart Farming	Total Total Expense Amount Incurred by Institute? (In Rupees)	14000	Award / Position / Recognition Secured	First
95	HACKOHOLICS 2020	Innovation	Innovation Contest	AIC RAISE supported by AIM, NITI Aayog Government of India	Govt. Agency (Central)	03-03-2020 00:00:00	03-03-2020 00:00:00	1	3	0	3	Yes	won Rs. 3,00,000 worth Electronic Components from Amazon and One Year AWS Cloud Service worth Rs. 2,	model to preserve vegetables and fruits before getting rotten during long distance transport and while stored in food factories	No		Award / Position / Recognition Secured	won Rs. 3,00,000 worth Electronic Components from Amazon and One Year AWS Cloud Service worth Rs. 2,
																	Title of Innovation / Start-up Secured the Award / Recognition	model to preserve vegetables and fruits before getting rotten during long distance transport and while stored in food factories
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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96	NOVA (Capture the Flag) CTF	Innovation	Innovation Contest	Kumaraguru College of Technology, Coimbatore	Educational Institute	01-03-2020 00:00:00	01-03-2020 00:00:00	1	3	0	3	Yes	2nd place	CTF Yugam 2020	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CTF Yugam 2020</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	CTF Yugam 2020	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd place																					
Title of Innovation / Start-up Secured the Award / Recognition	CTF Yugam 2020																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
97	Research scopes in Micro machining and Additive manufacturing process	Innovation	Training	ISTE-BIT, Sathy	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	0	1	1	No	---	---	No	No						
98	National science and Trade fair exhibition , Codissia, Coimbatore	Innovation	Exhibition	National Science and Technology	Corporate / Industry Association	29-08-2019 00:00:00	31-08-2019 00:00:00	3	3	0	3	No	---	---	No	No						
99	8th IEEE International Conference on Cloud Computing in Emerging Markets	Innovation	Conference	IEEE	International Agencies	19-09-2019 00:00:00	19-09-2019 00:00:00	1	3	1	4	Yes	First Prize	Cassava Disease Classification	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Cassava Disease Classification</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Cassava Disease Classification	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First Prize																					
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100	TEXPERIA 2020 at SNS College of Technology, Coimbatore	Innovation	Innovation Contest	SNS College of Technology	Educational Institute	16-02-2020 00:00:00	16-02-2020 00:00:00	1	2	0	2	Yes	First Prize	Fine-Grained Segmentation Task for Fashion and Apparel	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Fine-Grained Segmentation Task for Fashion and Apparel</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Fine-Grained Segmentation Task for Fashion and Apparel	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Fine-Grained Segmentation Task for Fashion and Apparel																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
101	Hackathon	Innovation	Hackathon	Ilink Multitech Solutions	Corporate / Industry Association	13-07-2019 00:00:00	13-07-2019 00:00:00	1	4	0	4	Yes	Consolidation Prize	Fall Detection System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Consolidation Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Fall Detection System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Consolidation Prize	Title of Innovation / Start-up Secured the Award / Recognition	Fall Detection System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Consolidation Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Fall Detection System																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
102	Data Min Contest-World Biggest Online Data Science Quiz	Innovation	Innovation Contest	Analytics Vidhya	International Agencies	28-07-2019 00:00:00	28-07-2019 00:00:00	1	1	0	1	No	---	---	No	No						
103	Surge 2k19	Innovation	Hackathon	Velammal Engineering college, chennai	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	3	1	4	Yes	3rd place	AI APPLICATION	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>3rd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>AI APPLICATION</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	3rd place	Title of Innovation / Start-up Secured the Award / Recognition	AI APPLICATION	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	3rd place																					
Title of Innovation / Start-up Secured the Award / Recognition	AI APPLICATION																					
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104	MLApps2 K19	Innovation	Hackathon	KCG College of Technology, Chennai	Educational Institute	12-07-2019 00:00:00	12-07-2019 00:00:00	1	3	1	4	Yes	2nd place	AI APP	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>AI APP</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	AI APP	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd place																						
Title of Innovation / Start-up Secured the Award / Recognition	AI APP																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
105	AI Hackathon 2019	Innovation	Hackathon	CDAC PUNE	Govt. Agency (Central)	23-08-2019 00:00:00	23-08-2019 00:00:00	1	3	1	4	No	---	---	No	No							
106	IGNITRRON	Innovation	Hackathon	KPR Institute of Engineering and Technology	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	3	1	4	No	---	---	No	No							
107	Hackathon Event	Innovation	Hackathon	Vellore Institute of Technology, Vellore	Educational Institute	24-02-2020 00:00:00	25-02-2020 00:00:00	2	4	1	5	No	---	---	No	No							
108	TECHGIUM	Innovation	Hackathon	L AND T TECHGIUM	Corporate / Industry Association	02-02-2020 00:00:00	02-02-2020 00:00:00	1	4	0	4	No	---	---	No	No							
109	Spectroscopy and Chemometrics	Innovation	Training	ROBERT BOSCH - Research and Development Centre - Bangalore	Govt. Agency (Central)	12-07-2019 00:00:00	13-07-2019 00:00:00	2	14	4	18	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>13500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	13500	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	13500																						
110	SRMHACK	Innovation	Hackathon	SRM AMARAVATHI	Educational Institute	28-09-2019 00:00:00	29-09-2019 00:00:00	2	4	0	4	Yes	TOP 10	SMART WATER MANAGEMENT SYSTEM	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>TOP 10</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SMART WATER MANAGEMENT SYSTEM</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	TOP 10	Title of Innovation / Start-up Secured the Award / Recognition	SMART WATER MANAGEMENT SYSTEM	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	TOP 10																						
Title of Innovation / Start-up Secured the Award / Recognition	SMART WATER MANAGEMENT SYSTEM																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

111	Edumeet on factory automation	Innovation	Training	Mitsubishi electricals	Corporate / Industry Association	08-08-2019 00:00:00	08-08-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No						
112	Challenge ACI	Innovation	Hackathon	Gokaraju and Rangaraju Institute of Engineering and Technology	Educational Institute	11-10-2019 00:00:00	13-10-2019 00:00:00	3	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	No						
113	Brakes India	Innovation	Hackathon	Brake India Pvt. Ltd.	Corporate / Industry Association	07-02-2020 00:00:00	08-02-2020 00:00:00	2	6	0	6	Yes	First Runner Up	Brake raw material inspection system	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Runner Up</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Brake raw material inspection system</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	First Runner Up	Title of Innovation / Start-up Secured the Award / Recognition	Brake raw material inspection system	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	First Runner Up																						
Title of Innovation / Start-up Secured the Award / Recognition	Brake raw material inspection system																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
114	Innovative technologies in computer science	Innovation	Conference	Hindustan Institute of Technology - Coimbatore	Educational Institute	10-03-2020 00:00:00	10-03-2020 00:00:00	1	0	1	1	No	---	---	No	No							
115	IIT B Spoken Tutorial Program Certification	Innovation	Skill development	IIT B Spoken Tutorial	Educational Institute	08-08-2019 00:00:00	31-03-2020 00:00:00	23	800	0	800	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No						

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

116	SAE ETDC 2019	Innovation	Innovation Contest	SAE	Non-Govt. Agencies	26-09-2019 00:00:00	27-09-2019 00:00:00	2	10	0	10	Yes	Second	E bike	Total Total Expense Amount Incurred by Institute? (In Rupees) 85000		Award / Position / Recognition Secured Second	
																Title of Innovation / Start-up Secured the Award / Recognition E bike		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		
117	Inkarno 2K20	Innovation	Ideation	NICMAR Goa Campus	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	4	0	4	Yes	Second	Construction in AR	No		Award / Position / Recognition Secured Second	
																Title of Innovation / Start-up Secured the Award / Recognition Construction in AR		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		
118	Saravidya Tech fest	Innovation	Innovation Contest	Kumarguru Institute of Technology	Educational Institute	24-11-2019 00:00:00	24-11-2019 00:00:00	1	3	0	3	Yes	Second	Water quality Monitoring system	No		Award / Position / Recognition Secured Second	
																Title of Innovation / Start-up Secured the Award / Recognition Water quality Monitoring system		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		
119	VISAI 2020	Innovation	Innovation Contest	Vel Tech Chennai	Educational Institute	25-02-2020 00:00:00	26-02-2020 00:00:00	2	8	0	8	No	---	---	No		No	
120	Mission Mobility Festival 2019	Innovation	Innovation Contest	AIC-EMPI	Non-Govt. Agencies	12-11-2019 00:00:00	12-11-2019 00:00:00	1	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 8000		No	

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

121	National Science Festival	Innovation	Innovation Contest	NSTF Codessia	Non-Govt. Agencies	17-12-2019 00:00:00	18-12-2019 00:00:00	2	12	0	12	No	---	---	No	No								
122	Project Expo 2020 - ELECTROFOCUS 2020	Innovation	Innovation Contest	MIT	Educational Institute	12-02-2020 00:00:00	12-02-2020 00:00:00	1	8	0	8	No	---	---	No	No								
123	CIYF 3.0, SRM Chennai	Innovation	Innovation Contest	SRM Chennai	Educational Institute	15-09-2019 00:00:00	15-09-2019 00:00:00	1	4	0	4	Yes	First	Fast Line Follower	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3592</td> </tr> </table>	Total Expense Amount Incurred by Institute? (In Rupees)	3592	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Fast Line Follower</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Fast Line Follower	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Expense Amount Incurred by Institute? (In Rupees)	3592																							
Award / Position / Recognition Secured	First																							
Title of Innovation / Start-up Secured the Award / Recognition	Fast Line Follower																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
124	TECHNOXIAN 2019	Innovation	Innovation Contest	All India Council for Robotics and Automation	Non-Govt. Agencies	23-09-2019 00:00:00	24-09-2019 00:00:00	2	4	0	4	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>5000</td> </tr> </table>	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
Total Expense Amount Incurred by Institute? (In Rupees)	5000																							
125	BENGALATHON 2019	Innovation	Innovation Contest	Govt of West Bengal	Govt. Agency (State)	31-10-2019 00:00:00	31-10-2019 00:00:00	1	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>13000</td> </tr> </table>	Total Expense Amount Incurred by Institute? (In Rupees)	13000	No						
Total Expense Amount Incurred by Institute? (In Rupees)	13000																							
126	Inkarno 2K20	Entrepreneurship/Startup	Conference	NICMAR Goa Campus	Non-Govt. Agencies	14-02-2020 00:00:00	15-02-2020 00:00:00	2	3	0	3	Yes	Second	Construction in AR	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Construction in AR</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Business Model/Startup</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	Construction in AR	Award/Recognition/Achievement Received for	Business Model/Startup		
Award / Position / Recognition Secured	Second																							
Title of Innovation / Start-up Secured the Award / Recognition	Construction in AR																							
Award/Recognition/Achievement Received for	Business Model/Startup																							

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

127	AVANZARE V14.0	Innovation	Innovation Contest	Kongu Institutions	Educational Institute	20-02-2020 00:00:00	20-02-2020 00:00:00	1	4	0	4	Yes	First	Line Follower	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Line Follower</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Line Follower	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																						
Title of Innovation / Start-up Secured the Award / Recognition	Line Follower																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
128	IIT-Mumbai Techfest 2020	Innovation	Innovation Contest	IIT Bombay	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>26800</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	26800	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	26800																						
129	Defense Innovation Challenge	Innovation	Innovation Contest	IIT Madras	Govt. Agency (Central)	20-01-2020 00:00:00	20-01-2020 00:00:00	1	3	1	4	Yes	Sceond	Aircraft Simulation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Sceond</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Aircraft Simulation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Sceond	Title of Innovation / Start-up Secured the Award / Recognition	Aircraft Simulation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Sceond																						
Title of Innovation / Start-up Secured the Award / Recognition	Aircraft Simulation																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
130	SRM HACKAT HON 4.0	Entrepreneurship/Startup	Hackathon	IT Association of SRM Institute of Science and Technology	Educational Institute	11-10-2019 00:00:00	12-10-2019 00:00:00	2	3	0	3	No	---	---	No	No							
131	Internship	Entrepreneurship/Startup	Training	DEvDEN	Educational Institute	10-02-2020 00:00:00	16-03-2020 00:00:00	36	1	1	2	No	---	---	No	No							

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

132	Line Follower	Innovation	Innovation Contest	SRM University	Educational Institute	07-09-2019 00:00:00	07-09-2019 00:00:00	1	3	0	3	Yes	Third Prize	Line follower robot	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Third Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Line follower robot</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Third Prize	Title of Innovation / Start-up Secured the Award / Recognition	Line follower robot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	Third Prize																									
Title of Innovation / Start-up Secured the Award / Recognition	Line follower robot																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
133	Project Expo	Innovation	Innovation Contest	University College of Engineering	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	4	0	4	Yes	First Prize with 3500 Rupees Cash award	Water Management System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize with 3500 Rupees Cash award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Water Management System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First Prize with 3500 Rupees Cash award	Title of Innovation / Start-up Secured the Award / Recognition	Water Management System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	First Prize with 3500 Rupees Cash award																									
Title of Innovation / Start-up Secured the Award / Recognition	Water Management System																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
134	SRM Hackathon	Innovation	Hackathon	SRM University Chennai	Educational Institute	31-08-2019 00:00:00	01-09-2019 00:00:00	2	4	0	4	No	---	---	No	No										
135	Project Expo	Innovation	Exhibition	Sri Ramakrishna Engineering College	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	3	0	3	No	---	---	No	No										
136	Law Follower	Innovation	Innovation Contest	BITS Pilani Hyderabad	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	3	0	3	Yes	Third Prize with 5000 Rupees	Law Follower Robot	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>13954</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	13954	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Third Prize with 5000 Rupees</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Law Follower Robot</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Third Prize with 5000 Rupees	Title of Innovation / Start-up Secured the Award / Recognition	Law Follower Robot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	13954																									
Award / Position / Recognition Secured	Third Prize with 5000 Rupees																									
Title of Innovation / Start-up Secured the Award / Recognition	Law Follower Robot																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									

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

137	Bengal hon	Innovation	Hackathon	West Bengal Government	Govt. Agency (State)	01-11-2019 00:00:00	01-11-2019 00:00:00	1	4	0	4	No	---	---	No	No						
138	Project Expo	Innovation	Innovation Contest	JCT College of Engineering	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	4	0	4	Yes	First Prize	Digital Stethoscope	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Digital Stethoscope</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Digital Stethoscope	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Digital Stethoscope																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
139	Srishti 2k19	Innovation	Innovation Contest	PSG Institute of Technology	Educational Institute	28-09-2019 00:00:00	29-09-2019 00:00:00	2	5	0	5	Yes	Second	Cosmoclench	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Cosmoclench</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	Cosmoclench	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second																					
Title of Innovation / Start-up Secured the Award / Recognition	Cosmoclench																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
140	SAE	Innovation	Innovation Contest	NIT Suratkal	Educational Institute	19-10-2019 00:00:00	20-10-2019 00:00:00	2	5	0	5	Yes	second	Pick and place robot	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Pick and place robot</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	second	Title of Innovation / Start-up Secured the Award / Recognition	Pick and place robot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	second																					
Title of Innovation / Start-up Secured the Award / Recognition	Pick and place robot																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
141	SAE	Innovation	Innovation Contest	SAE	Corporate / Industry Association	05-03-2020 00:00:00	31-03-2020 00:00:00	27	8	0	8	No	---	---	No	No						

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

142	IndiaSkill s TamilNadu 2020 - District	Innovation	Skill development	TNSDC	Govt. Agency (State)	01-12-2019 00:00:00	13-03-2020 00:00:00	10	1187	0	1187	No	---	---	No	No	
143	International Conference on Textile Research	Innovation	Conference	RVS Engineering	Educational Institute	06-02-2020 00:00:00	07-02-2020 00:00:00	2	0	1	1	No	---	---	No	No	
144	Textile and Apparel Costing	Entrepreneurship/Startup	Training	SIMA	Non-Govt. Agencies	18-11-2019 00:00:00	19-11-2019 00:00:00	2	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	4035	No
145	International conference on Recent trends in Computational Mechanics	Innovation	Conference	Nandha Arts and Science college, Erode	Educational Institute	02-08-2019 00:00:00	02-08-2019 00:00:00	1	0	5	5	No	---	---			No
146	International conference on Application of Mathematics in Science and Technology	Innovation	Conference	AAA College of Engineering and Technology, Sivakasi	Educational Institute	25-07-2019 00:00:00	26-07-2019 00:00:00	2	0	8	8	No	---	---	No	No	
147	Exploration of Research innovations Its trends and challenges	Innovation	Seminar	Nirmala College for Woman	Educational Institute	11-01-2020 00:00:00	11-01-2020 00:00:00	1	0	1	1	No	---	---	No	No	
148	CSIR Sponsored National Seminar on Novelty in Applications of graph Theory To The Internet of Things	Innovation	Seminar	Kongu Engineering College	Educational Institute	18-07-2019 00:00:00	19-07-2019 00:00:00	2	0	1	1	No	---	---	No	No	

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

149	Fight Corona Ideathon	Innovation	Ideation	All Indian Council for Technical Education and Ministry of Human Resource and Development - Innovation Cell	Govt. Agency (Central)	27-03-2020 00:00:00	29-03-2020 00:00:00	3	4	0	4	Yes	First place (Student Innovator category)	A portable rapid SARS-CoV2 RNA extraction kit coupled with in-field detection module	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First place (Student Innovator category)</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>A portable rapid SARS-CoV2 RNA extraction kit coupled with in-field detection module</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First place (Student Innovator category)	Title of Innovation / Start-up Secured the Award / Recognition	A portable rapid SARS-CoV2 RNA extraction kit coupled with in-field detection module	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First place (Student Innovator category)																						
Title of Innovation / Start-up Secured the Award / Recognition	A portable rapid SARS-CoV2 RNA extraction kit coupled with in-field detection module																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
150	DAKSH 20	Innovation	Hackathon	SASTRA	Educational Institute	21-02-2020 00:00:00	23-02-2020 00:00:00	3	5	0	5	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>8500</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	8500	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	8500																						
151	Project Presentation on Zelda Home Automation	Innovation	Exhibition	CIT Coimbatore	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	3	0	3	No	---	---	No	No							
152	Data Analysis with python	Innovation	Skill development	IBM Initiative	Corporate / Industry Association	17-06-2019 00:00:00	17-06-2019 00:00:00	1	0	1	1	No	---	---	No	No							
153	Smart Aurangabad Hackathon - Pollution Free Routing Google Map	Innovation	Hackathon	Government College Of Engineering, Aurangabad,	Educational Institute	20-01-2020 00:00:00	23-01-2020 00:00:00	4	1	0	1	No	---	---	No	No							
154	One Day Workshop on C	Innovation	Workshop	ICT IIT Bombay	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	1	0	1	No	---	---	No	No							

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

155	4 th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering systems	Innovation	Conference	SRM Institute of Science and Technology	Educational Institute	11-04-2019 00:00:00	13-04-2019 00:00:00	3	0	1	1	No	---	---	No	No						
156	Fundamentals of Deep learning for computer vision	Innovation	B-Plan Competitions	NVIDIA Deep Learning Institute	Educational Institute	05-06-2019 00:00:00	05-06-2019 00:00:00	1	0	1	1	No	---	---	No	No						
157	Med Hack	Innovation	Hackathon	IEEE IE PELS Jt.Chapter Kerala	Educational Institute	08-08-2019 00:00:00	08-08-2019 00:00:00	1	1	0	1	Yes	First Prize	Med Hack	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Med Hack</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Med Hack	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	First Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Med Hack																					
Award/Recognition/Achievement Received for	Novel Research Paper/Work																					
158	Dst And Texas Instruments In India Innovation Challenge Design Contest 2019	Innovation	Innovation Contest	AICTE Mission And Supported By Mygov	Govt. Agency (Central)	11-08-2019 00:00:00	28-09-2019 00:00:00	49	1	0	1	No	---	---	No	No						
159	Hack And Tackle 2.0	Innovation	Hackathon	SSN College Of Engineering	Educational Institute	20-02-2020 00:00:00	21-02-2020 00:00:00	2	5	0	5	No	---	---	No	No						
160	One Day Workshop on Arduino	Innovation	Workshop	ICT at IIT Bombay	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	1	0	1	No	---	---	No	No						
161	Project Presentation on Fire Fighting Robot	Innovation	Exhibition	CIT Coimbatore	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	3	0	3	No	---	---	No	No						

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

162	Project Presentation on IoT based Irrigation Control	Innovation	Exhibition	CIT Coimbatore	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	3	0	3	No	---	---	No	No							
163	BRAMAS TRA 2020	Innovation	Innovation Contest	Hindustan College of Technology	Educational Institute	30-01-2020 00:00:00	30-01-2020 00:00:00	1	1	0	1	No	---	---	No	No							
164	Geotechnics for High speed corridors in Thiruvananthapuram, Kerala	Innovation	Conference	College of Engineering, Trivandrum	Govt. Agency (State)	24-07-2019 00:00:00	26-07-2019 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 5000		No						
165	Jfinagles 2020	Innovation	Innovation Contest	JCT College Of Engineering	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	2	0	2	Yes	First Prize	Saline Monitoring	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Saline Monitoring</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Saline Monitoring	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	Saline Monitoring																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
166	BRAMAS TRA 2020	Innovation	Ideation	M Kumarswamy College of Engineering	Educational Institute	14-03-2020 00:00:00	14-03-2020 00:00:00	1	1	0	1	No	---	---	No	No							
167	MECHN OTRON	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	1	0	1	No	---	---	No	No							
168	National symposium on Environmental Pollution Prevention and Control Future Perspective	Innovation	Conference	Chemical Engineering	Govt. Agency (State)	23-08-2019 00:00:00	26-08-2019 00:00:00	4	36	8	44	No	---	---	No	No							

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

169	International Conference on Innovative Research in Science and Technology	Innovation	Conference	IFERP, Research centre, Madurai	Educational Institute	30-08-2019 00:00:00	31-08-2019 00:00:00	2	0	3	3	No	---	---	No	No						
170	International Conference in Recent Trends in Construction Materials and Structures at VIT, Vellore	Innovation	Conference	Vellore Institute of Technology	Educational Institute	18-09-2019 00:00:00	20-09-2019 00:00:00	3	0	2	2	No	---	---	No	No						
171	Biohyphenya 2019	Innovation	Conference	Velalar College Of Engineering	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	2	0	2	Yes	2nd Prize	Engineering better wheelchair to Analyse Gait Related Problems and providing gait related solutions	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Engineering better wheelchair to Analyse Gait Related Problems and providing gait related solutions</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Prize	Title of Innovation / Start-up Secured the Award / Recognition	Engineering better wheelchair to Analyse Gait Related Problems and providing gait related solutions	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Engineering better wheelchair to Analyse Gait Related Problems and providing gait related solutions																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
172	GIAN Course National Institute of Technology, Trichy	Innovation	Seminar	National Institute of Technology	Govt. Agency (Central)	05-08-2019 00:00:00	09-08-2019 00:00:00	5	0	2	2	No	---	---	No	No						
173	GIAN Course at NIT Suratkkal	Innovation	Seminar	NIT	Govt. Agency (Central)	29-07-2019 00:00:00	02-08-2019 00:00:00	5	0	1	1	No	---	---	No	No						
174	ICAN Conference	Innovation	Conference	Chettinad College Of Engineering	Educational Institute	12-09-2019 00:00:00	13-09-2019 00:00:00	2	2	2	4	No	---	---	No	No						

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

175	Two days hands-on training programme on Ground Water flow modelling using Visual MODFLOW	Innovation	Seminar	VIT	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	0	1	1	No	---	---	No	No
176	National Conference	Innovation	Conference	Government College of Engineering, Salem	Educational Institute	13-11-2019 00:00:00	16-11-2019 00:00:00	4	0	1	1	No	---	---	No	No
177	International winter school on Circular Economy and Smart Sustainability	Innovation	Seminar	MHRD	Govt. Agency (Central)	18-11-2019 00:00:00	20-11-2019 00:00:00	3	0	1	1	No	---	---	No	No
178	One week short term course at IIT Madras under the topic advanced concrete technology	Innovation	Seminar	IIT Madras	Govt. Agency (Central)	18-11-2019 00:00:00	23-11-2019 00:00:00	6	0	3	3	No	---	---	No	No
179	Skill Training Program on Land surveying and Railway Survey measurements	Innovation	Skill development	MSME	Govt. Agency (State)	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	2	2	No	---	---	No	No
180	Two Day Training Workshop on Hydrogeochemical Analysis and Groundwater Flow and Contaminant Transport Modelling	Innovation	Training	Anna University	Educational Institute	12-12-2019 00:00:00	13-12-2019 00:00:00	2	0	1	1	No	---	---	No	No

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

181	Nitrate Sorption and Desorption Potential of sewage Compost	Innovation	Conference	VIT	Educational Institute	09-01-2020 00:00:00	10-01-2020 00:00:00	2	0	2	2	No	---	---	No	No
182	Innovative and Emerging Trends in Engineering Systems, IIT Roorkee	Innovation	Conference	IIT	Educational Institute	06-08-2019 00:00:00	08-08-2019 00:00:00	3	4	2	6	No	---	---	No	No
183	International Conference on Smart Application for Environmental Quality	Innovation	Conference	IIT	Educational Institute	28-08-2019 00:00:00	29-08-2019 00:00:00	2	7	3	10	No	---	---	No	No
184	Indo israel International joint conference on sustainable cities	Innovation	Conference	Kumaraguru College of Technology	Educational Institute	29-01-2020 00:00:00	30-01-2020 00:00:00	2	5	3	8	No	---	---	No	No
185	MEDVIO S 2K19	Innovation	Conference	NIT	Educational Institute	19-11-2019 00:00:00	19-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
186	National level conference on River Basin and Flood Risk Management	Innovation	Conference	Dr.NGP Institute of Technology	Educational Institute	05-09-2019 00:00:00	06-09-2019 00:00:00	2	17	7	24	No	---	---	No	No
187	Training session on CO2 Sequestration Research in Concrete Laboratory	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	16-07-2019 00:00:00	17-07-2019 00:00:00	2	3	2	5	No	---	---	No	No

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

188	Advanced Data Analysis	Innovation	Skill development	Bharathiar School of Management and Entrepreneur Development Coimbatore	Educational Institute	13-05-2019 00:00:00	19-05-2019 00:00:00	7	0	1	1	No	---	---	No	No
189	Young Researchers Symposium for Geotechnical Engineers held	Innovation	Training	National Institute of Technology Warangal	Educational Institute	01-10-2019 00:00:00	02-10-2019 00:00:00	2	3	1	4	No	---	---	No	No
190	Progyan19 National Level Management Students Meet	Entrepreneurship/Startup	Skill development	Sastra Deemed to be University Tanjore	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	20	0	20	No	---	---	No	No
191	National Conference on Business Analytics A Roadmap to Innovative Entrepreneurship	IPR	Conference	Fathima College Madurai	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	0	1	1	No	---	---	No	No
192	Emporia XIX Management Meet	Entrepreneurship/Startup	Skill development	PSG Institute of Management, Coimbatore	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	0	16	16	No	---	---	No	No
193	Synergy Management Meet 2k19	Entrepreneurship/Startup	Skill development	University of Madras	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	0	4	4	No	---	---	No	No
194	FDP on Parametric and Non-Parametric analysis using SPSS	IPR	Skill development	PSG Institute of Management Coimbatore	Educational Institute	15-11-2019 00:00:00	16-11-2019 00:00:00	2	1	0	1	No	---	---	No	No

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

195	International Conference on Study on Content Marketing Concept Advantages and Future Scope	IPR	Conference	Government Arts College Dharmapuri	Educational Institute	16-12-2019 00:00:00	17-12-2019 00:00:00	2	9	27	36	No	---	---	No	No
196	FDP on Research Skill Development for Management faculty	Innovation	Skill development	Department of Management PSGR Krishnamal College for Women Coimbatore	Educational Institute	02-12-2019 00:00:00	14-12-2019 00:00:00	13	0	1	1	No	---	---	No	No
197	23rd Management Games Southern Region Prelim Round	Entrepreneurship/Startup	Skill development	AIMA	Corporate / Industry Association	26-11-2019 00:00:00	27-11-2019 00:00:00	2	16	0	16	No	---	---	No	No
198	FIMS CANVAS 2K19 Management Meet	Entrepreneurship/Startup	Skill development	Farook Institute of Management Studies Kerala	Educational Institute	27-11-2019 00:00:00	28-11-2019 00:00:00	2	3	0	3	No	---	---	No	No
199	Nisadya 2019 Management Meet	Entrepreneurship/Startup	Skill development	National Institute of Technology Trichy	Educational Institute	17-11-2019 00:00:00	17-11-2019 00:00:00	1	5	0	5	No	---	---	No	No
200	Pragati 20 MEGA MIND Management Meet	Entrepreneurship/Startup	Skill development	Amrita School of Business Coimbatore	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	11	0	11	No	---	---	No	No
201	Henosis 2K20 a National Level Technical Symposium	Entrepreneurship/Startup	Skill development	Dr N G P Institute of Technology Coimbatore	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	12	0	12	No	---	---	No	No
202	YUKTI National Level Management and Cultural Fest	Entrepreneurship/Startup	Skill development	Thiagarajar School of Management Madurai	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	9	0	9	No	---	---	No	No

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

203	REPOWIS 20 National Level Talent Fest	Entrepreneurship/Startup	Skill development	Kongu Engineering College(Autonomous) Perundurai	Educational Institute	21-01-2020 00:00:00	21-01-2020 00:00:00	1	18	0	18	No	---	---	No	No	
204	Workshop on Digital Marketing	Entrepreneurship/Startup	Skill development	KCT Business School Coimbatore	Educational Institute	02-03-2020 00:00:00	02-03-2020 00:00:00	1	2	0	2	No	---	---	No	No	
205	HR Mock Olympics	Innovation	Training	CHROMA Chennai	Educational Institute	25-05-2019 00:00:00	25-05-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1800	No
206	AVANTA A 2020	Innovation	Workshop	Sri Krishna College of Engineering	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	4	0	4	No	---	---	No	No	
207	YUGAM 2020	Innovation	Workshop	KCT Business School	Educational Institute	05-03-2020 00:00:00	07-03-2020 00:00:00	3	14	0	14	No	---	---	No	No	
208	YUKTA-2020	Innovation	Workshop	PSG Institute of Technology and Applied Research	Educational Institute	05-02-2020 00:00:00	06-02-2020 00:00:00	2	4	0	4	No	---	---	No	No	
209	SAMITHA 20	Innovation	Workshop	Sri Ramakrishna College of Engineering and Technology	Educational Institute	31-01-2020 00:00:00	02-02-2020 00:00:00	3	4	0	4	No	---	---	No	No	
210	MEEEMMCC 2K20	Innovation	Workshop	Coimbatore Institute of Engineering and Technology	Educational Institute	12-03-2020 00:00:00	12-03-2020 00:00:00	1	4	0	4	No	---	---	No	No	
211	Machine learning by Google developer	Innovation	Workshop	IIT Madras	Educational Institute	31-01-2020 00:00:00	02-02-2020 00:00:00	3	1	0	1	No	---	---	No	No	

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

212	Python For Machine Learning	Innovation	Workshop	Sona College of Engineering and Technology	Educational Institute	05-02-2020 00:00:00	06-02-2020 00:00:00	2	1	0	1	No	---	---	No	No
213	MELNIA 2020	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	5	0	5	No	---	---	No	No
214	Annual Teckfest 2020	Innovation	Start-up Yatra	IIT Madras	Educational Institute	06-03-2020 00:00:00	06-03-2020 00:00:00	1	1	0	1	No	---	---	No	No
215	ANOKHA 2019	Innovation	Skill development	Amrita School of Engineering	Educational Institute	14-02-2020 00:00:00	16-02-2020 00:00:00	3	1	0	1	No	---	---	No	No
216	Demystify Machine Learning	Innovation	Workshop	SRM Institute of Science and Technology	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	1	0	1	No	---	---	No	No
217	Death Race	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	13-02-2020 00:00:00	15-02-2020 00:00:00	3	1	0	1	No	---	---	No	No
218	Brahmashtra	Innovation	Workshop	GCT, Coimbatore	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	1	0	1	No	---	---	No	No
219	Cyber Summit 2020	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	1	0	1	No	---	---	No	No
220	GATEWAY 2020	Innovation	Workshop	SNS Institution	Educational Institute	05-03-2020 00:00:00	05-03-2020 00:00:00	1	1	0	1	No	---	---	No	No
221	KRIVVAS 2020	Innovation	Workshop	Sona College of Technology	Educational Institute	06-03-2020 00:00:00	07-03-2020 00:00:00	2	1	0	1	No	---	---	No	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
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1	Integrated Circuits And Applications	Innovation	Full time Program	Bachelor	EEE	16-12-2019	11-04-2020	118	Offline	160	45
2	Python Programming	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	16-12-2019	11-04-2020	118	Offline	160	60
3	Control Systems	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	10-06-2019	31-10-2019	144	Offline	154	45
4	Power Electronics	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	10-06-2019	31-10-2019	144	Offline	154	45
5	Microcontrollers Based System Design	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	16-12-2019	11-04-2020	118	Online	154	45
6	Embedded Systems	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	10-06-2019	31-10-2019	144	Offline	115	45
7	Electrical Machine Design	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	10-06-2019	31-10-2019	144	Offline	115	45
8	Energy Storage Systems	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	EEE	10-06-2019	31-10-2019	144	Offline	115	45
9	Artificial Intelligence Techniques	IPR	Elective/Core Credit Course	Credit Course (Elective)	EEE	10-06-2019	31-10-2019	144	Offline	160	45
10	Computer Aided Design Of Electrical Apparatus	Innovation	Elective/Core Credit Course	Credit Course (Elective)	EEE	10-06-2019	31-10-2019	144	Offline	160	45
11	Electrical And Hybrid Vehicles	Innovation	Elective/Core Credit Course	Credit Course (Elective)	EEE	10-06-2019	31-10-2019	144	Offline	160	45
12	Energy Auditing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	EEE	10-06-2019	31-10-2019	144	Offline	160	45
13	Renewable Energy Sources	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	EEE	16-12-2019	11-04-2020	118	Online	160	45
14	Internet Of Things	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	EEE	16-12-2019	11-04-2020	118	Online	154	45
15	Entrepreneurship Development I	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	EEE	16-12-2019	11-04-2020	118	Online	154	45
16	Entrepreneurship Development II	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	EEE	16-12-2019	11-04-2020	118	Online	154	45
17	Quality Management System	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	INDUSTRY	19-10-2020	24-10-2020	6	Online	120	30
18	Reactive Power Management And Energy Storage Devices	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	INDUSTRY	12-10-2020	18-10-2020	7	Online	120	30
19	Modeling And Analysis Of Electrical Machines	Innovation	Full time Program	Master	PED	16-12-2019	11-04-2020	118	Online	10	45
20	Modeling And Control Of Power Electronic Systems	Innovation	Full time Program	Master	PED	16-12-2019	11-04-2020	118	Online	10	45
21	Research Methodology and IPR	IPR	Full time Program	PhD	PED	16-12-2019	11-04-2020	118	Online	10	45
22	Finite Element Analysis Of Electrical Machines	Innovation	Full time Program	PhD	PED	10-06-2019	31-10-2019	144	Offline	10	45
23	Harmonics Filter Design	IPR	Full time Program	PhD	PED	10-06-2019	31-10-2019	144	Offline	10	45
24	Design of Controllers In Power Electronics Applications	IPR	Full time Program	Master	PED	10-06-2019	31-10-2019	144	Offline	10	45
25	Embedded Control Of Electric Drives	Entrepreneurship/Startup	Full time Program	Master	PED	10-06-2019	31-10-2019	144	Offline	10	45

26	Optimization Techniques	Innovation	Full time Program	Master	PED	10-06-2019	31-10-2019	144	Offline	10	45
27	Fundamentals and modelling of micro machine process	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	NIT CALICUT	24-06-2019	29-06-2019	6	Offline	2	30
28	Motor and Power	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	CIT	23-09-2019	27-09-2019	5	Offline	1	30
29	Control- Design and Verification using MATLAB and Simulink	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	CIT	23-09-2019	27-09-2019	5	Offline	1	30
30	Essential of photography	Innovation	Short term Course	Bachelor	Fashion Technology	21-10-2019	24-10-2019	4	Offline	45	30
31	Agile Programming	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	11-10-2019	14-10-2019	4	Offline	40	30
32	Raspberry PI	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	11-10-2019	14-10-2019	4	Offline	40	30
33	Machine Learning for Engineers	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	03-10-2019	06-10-2019	4	Offline	40	30
34	Angular Java	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	03-10-2019	06-10-2019	4	Offline	40	30
35	NO SQL	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	03-10-2019	06-10-2019	4	Offline	40	30
36	Scripting Languages	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	03-10-2019	06-10-2019	4	Offline	40	30
37	Automation Testing using QTP	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	10-10-2019	13-10-2019	4	Offline	40	30
38	Internet Marketing	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	11-10-2019	14-10-2019	4	Offline	40	30
39	Machine Vision	IPR	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	140	45
40	Wireless Networks	IPR	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	60	45
41	Optical Communication	Innovation	Short term Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	147	45
42	Satellite Communication	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	08-06-2019	14-10-2019	129	Offline	107	45
43	Deep Learning	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	105	45
44	Radar and Navigation AIDS	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	37	45
45	Communication Technologies	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	36	45
46	Internet of Things	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	54	45

47	Medical Applications of Laser	Innovation	Elective/Core Credit Course	Bachelor	Department of ECE	06-06-2019	14-10-2019	131	Offline	26	45
48	Disruptive Innovation Based Start-up Activities	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Technology Business Incubator	06-09-2019	09-09-2019	4	Offline	64	32
49	LoRaWAN integration with IOT and PCB design	Innovation	Short term Course	Short Term Certificate Course	Enthu Technology Coimbatore	16-12-2019	21-12-2019	6	Offline	22	36
50	Zigbee Protocol integration with IOT	Innovation	Elective/Core Credit Course	Major/Minor Specialization	ECE	25-11-2019	28-11-2019	4	Offline	20	30
51	Design of Pre engineered Building	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	12-06-2019	28-10-2019	139	Offline	40	30
52	Basic Management practices in civil engineering industry	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	12-06-2019	28-10-2019	139	Offline	40	30
53	Estimation and bar bending schedule	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	12-06-2019	28-10-2019	139	Offline	40	30
54	The joy of computing using python	Innovation	Short term Course	Short Term Certificate Course	IIT	03-07-2019	03-10-2019	93	Online	14	30
55	State of Accreditaton and its recent trends- pedagogical Views	Innovation	Short term Course	Short Term Certificate Course	AICTE Margdarsian Scheme	24-01-2020	29-01-2020	6	Online	1	30
56	Research Methodology	Innovation	Elective/Core Credit Course	PhD	SENSE VIT	01-06-2019	30-11-2019	183	Online	5	75
57	Advanced Digital Signal Processing	Innovation	Elective/Core Credit Course	PhD	SENSE VIT	24-07-2019	29-07-2019	6	Online	5	30
58	Design of Pre engineered Building	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	12-06-2019	28-10-2019	139	Offline	40	30
59	Basic Management practices in civil engineering industry	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering Department	12-06-2019	28-10-2019	139	Offline	40	30
60	Estimation and bar bending schedule	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering Department	12-06-2019	28-10-2019	139	Offline	40	30
61	Entrepreneurship and Small Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	MBA	29-11-2019	02-04-2020	126	Offline	60	40
62	Creativity Innovation And Entrepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	21-11-2019	02-04-2020	134	Offline	60	40
63	Legal and Regulatory Frame Work for Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	29-11-2019	02-04-2020	126	Offline	60	40
64	Soft Skills for Entrepreneurs	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	29-11-2019	02-04-2020	126	Offline	60	40
65	Business Plan	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	29-11-2019	02-04-2020	126	Offline	60	40
66	Building a Sustainable Enterprise	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	29-11-2019	02-04-2020	126	Offline	60	40
67	Intellectual Property Rights	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	29-11-2019	02-04-2020	126	Offline	60	40

68	Fundamentals of Business Analytics	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	MBA	20-06-2019	21-10-2019	124	Offline	60	40
69	Marketing Metrics and Analytics	Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	20-06-2019	21-10-2019	124	Offline	60	40
70	Financial Modeling	Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	20-06-2019	21-10-2019	124	Offline	60	40
71	HR Analytics	Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	20-06-2019	21-10-2019	124	Offline	60	40
72	Business Intelligence	Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	20-06-2019	21-10-2019	124	Offline	60	40
73	Electron Devices And Circuits	Entrepreneurship/Startup	Full time Program	Bachelor	EEE	10-06-2019	31-10-2019	144	Offline	160	45

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	TEQIP sponsored one week FDP on Automotive Embedded Systems	Innovation	FDP in I&E / IPR	PSG TECH	10-06-2019	16-06-2019	7	Offline	1	30
2	FDP ON AIML	Innovation	FDP in I&E / IPR	IIT Rookere	11-05-2020	15-05-2020	5	Offline	1	30
3	One Week FDP of Linear Interated Circuits	Innovation	FDP in I&E / IPR	Center for Faculty Development Anna University	25-11-2019	30-11-2019	6	Offline	1	35
4	FDP on NBA Process and Effective Out come based education	Innovation	FDP in I&E / IPR	ECE BIT	27-01-2020	01-02-2020	6	Offline	3	35
5	Training Programme on Testing and calibration of process Instruments for Safety process optimization and consistent quality	Innovation	FDP in I&E / IPR	CIT	14-04-2020	18-04-2020	5	Online	1	35
6	AICTE ATAL FDP on Artificial Intelligence	Innovation	FDP in I&E / IPR	ATAL ACADEMY	25-05-2020	30-05-2020	6	Online	1	30
7	Industrial IoT using LoRAWAN Technology	Innovation	FDP in I&E / IPR	Enthu Academic Solutions	27-04-2020	01-05-2020	5	Online	1	35
8	DST NIMAT sponsored two week FDP	Entrepreneurship/Startup	FDP in I&E / IPR	Civil Engineering	25-11-2019	07-12-2019	13	Offline	15	42
9	FDP on Novel Microbes and Newer Threats	Innovation	FDP in I&E / IPR	Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiologists (IAAM) California Institute of Science and Medicine USA	20-04-2020	02-05-2020	13	Offline	2	30
10	FDP ON Recent trends in Biomedical Engineering Research Perspective	Innovation	FDP in I&E / IPR	Dr NGP Institute of Technology in association with MHRD IIC and IQAC	26-04-2020	30-04-2020	5	Online	10	30

11	FDP on Practical Bioinformatics on a Wet- lab Setup	Innovation	FDP in I&E / IPR	Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiologists IAAM Georgetown university Washington DC USA	11-05-2020	16-05-2020	6	Online	12	30
12	IEEE KEC Web Talks	Innovation	FDP in I&E / IPR	Kongu Engineering College	04-05-2020	08-05-2020	5	Online	10	30
13	One Week FDP on Teaching Learning Process sponsored by AICTE Margdarshan Scheme	Innovation	FDP in I&E / IPR	Computer Science and Engineering	24-02-2020	29-02-2020	6	Offline	59	36
14	Computer Science and Business Systems	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	15-07-2019	18-07-2019	4	Offline	1	30
15	Artificial Intelligence	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	22-05-2020	26-05-2020	5	Online	1	40
16	Moodle Learning Management System	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	04-05-2020	09-05-2020	6	Online	1	48
17	MATLAB	Innovation	FDP in I&E / IPR	EEE	24-02-2020	28-02-2020	5	Offline	1	40
18	ELectric Vehicles Technologies	IPR	FDP in I&E / IPR	EEE	06-05-2020	09-05-2020	4	Online	1	32
19	Research oppurtunities in electrical engineering and its applications	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	18-05-2020	23-05-2020	6	Online	1	48
20	Present Trends on Research in Electrical Vehicles	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	27-05-2020	31-05-2020	5	Online	1	48
21	Renewable energy Systems	Innovation	FDP in I&E / IPR	EEE	01-06-2020	06-06-2020	6	Online	1	48
22	Research Opportunities in Electrical Engineering and its Application	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	18-05-2020	23-05-2020	6	Online	1	48
23	Design of Solar PV system using PVSYST Software	IPR	FDP in I&E / IPR	EEE	09-06-2020	13-06-2020	5	Online	1	40
24	Mechatronics in Smart Manufacturing for the Future	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	01-07-2020	05-07-2020	5	Online	1	40
25	Artificial Intelligence	IPR	FDP in I&E / IPR	EEE	16-05-2020	20-05-2020	5	Online	1	40
26	Role of IoT Embedded Electrical Vehicle and Power Converter for Smart World	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	18-05-2020	22-05-2020	5	Online	1	40
27	Technical advancement in power system control power controllers drives and E vehicles	Entrepreneurship/Startup	FDP in I&E / IPR	EEE	27-04-2020	01-05-2020	5	Online	1	48
28	Contemporary challenges in electrical Engineering and aiding technologies	Innovation	FDP in I&E / IPR	EEE	06-07-2020	10-07-2020	5	Online	1	40
29	Short term training program	Innovation	FDP in I&E / IPR	Fashion Technology	16-11-2019	30-11-2019	15	Offline	1	90
30	Short term training program	Innovation	FDP in I&E / IPR	Fashion Technology	02-12-2019	07-12-2019	6	Offline	1	36

31	Antenna Design and Fabrication Techniques	Innovation	FDP in I&E / IPR	Department of ECE	20-05-2019	02-06-2019	14	Offline	35	60
32	PCB Design and Prototyping	Innovation	FDP in I&E / IPR	Department of ECE	08-05-2019	11-05-2019	4	Offline	13	30
33	Introduction to Research	Innovation	FDP in I&E / IPR	Department of Mechanical Engineering - IIT Madras	26-08-2019	17-11-2019	84	Online	1903	32
34	Capacity Building Programme on Legal Aspects of Business	Entrepreneurship/Startup	Employment Generation Training Programs	Bannari Amman Institute of Technology - Technology Business Incubator	24-10-2019	27-10-2019	4	Online	30	32
35	Capacity Building Programme on MSME Schemes for Start-ups	Entrepreneurship/Startup	Employment Generation Training Programs	Bannari Amman Institute of Technology - Technology Business Incubator	21-12-2019	24-12-2019	4	Online	30	30
36	Faculty Development Programme	Entrepreneurship/Startup	FDP in I&E / IPR	Civil Engineering	25-11-2019	07-12-2019	13	Offline	30	80
37	Six weeks Technology Based Entrepreneurship programme	Entrepreneurship/Startup	EDP in I&E / IPR	Computer Science and Engineering	03-02-2020	14-03-2020	41	Offline	25	192
38	Surveying Leveling and Theodolite Concrete Technology Structural Analysis and Design Skills STAAD PRO Geotechnical Skills	Innovation	Employment Generation Training Programs	Civil Engineering	11-07-2019	03-08-2019	24	Offline	97	150
39	Concrete Technology Geotechnical Skills	Innovation	FDP in I&E / IPR	Civil Engineering	02-01-2020	07-02-2020	37	Offline	97	175
40	Brick laying	Innovation	FDP in I&E / IPR	Civil Engineering	25-01-2020	14-02-2020	21	Offline	53	126
41	Database Management System	Innovation	Employment Generation Training Programs	Computer Science and Engineering	04-02-2019	19-02-2019	16	Offline	226	90
42	Programming Skills - Python	Innovation	Employment Generation Training Programs	Computer Science and Engineering	04-02-2019	19-02-2019	16	Offline	226	90
43	Website Designing using PHP	Innovation	Employment Generation Training Programs	Computer Science and Engineering	04-02-2019	19-02-2019	16	Offline	226	90
44	Coding Language Tools and Techniques	Innovation	Employment Generation Training Programs	Computer Science and Engineering	05-04-2019	22-04-2019	18	Offline	232	90
45	Java Programming	Innovation	Employment Generation Training Programs	Computer Science and Engineering	15-07-2019	08-08-2019	25	Offline	236	126
46	Mechanical Engineering CAD	Innovation	Employment Generation Training Programs	Aeronautical Engineering	25-02-2020	21-03-2020	26	Offline	46	30
47	Numerical Simulation Finite Element Analysis	Innovation	Employment Generation Training Programs	Aeronautical Engineering	02-01-2020	07-02-2020	37	Offline	41	30
48	Development of Aircraft Lighting System and Fabrication of multicopter	Innovation	Employment Generation Training Programs	Aeronautical Engineering	15-07-2019	07-08-2019	24	Offline	41	35

49	Design and fabrication of Wooden RC model airplane	Innovation	Employment Generation Training Programs	Aeronautical Engineering	29-07-2019	29-08-2019	32	Offline	46	40
50	Skill Development programs on Identification of the Physical Mechanical and Thermal Properties of different materials used in electrical and electronic circuits	Innovation	Employment Generation Training Programs	Electrical and Electronics Engineering	05-04-2019	27-04-2019	23	Offline	160	128
51	Skill Development programs on Led fabrication Mobile Phone Charger Door Bell using IC 555 Timer Generate pulse Width modulation signal for electronics switches Electronic code lock system Electronic Mosquito repeller Dancing LED system Faucet Controller Simple Motor Model Transformer Fabrication Trouble shooting of Home Appliances	Innovation	Employment Generation Training Programs	Electrical and Electronics Engineering	29-07-2019	29-08-2019	32	Offline	133	160
52	Skill Development programs on Problem Solving -Python programming Database Tools - Ms Excel and Access Web Apps Development Internet of Things using sensors Data Analytics - Regression Digital Marketing - Online coding contest	Innovation	Employment Generation Training Programs	Information Technology	05-04-2019	25-04-2019	21	Offline	167	90
53	Skill Development programs on Hardware and Software Installation and Troubleshooting - Linux Computer Networking Problem Solving - Object oriented programming Database Tools - SQL	Innovation	Employment Generation Training Programs	Information Technology	15-07-2019	02-08-2019	19	Offline	167	126
54	Skill Development Programs on Mechanical Engineering CAD Mobile Robotics Industrial Control	Entrepreneurship/Startup	Employment Generation Training Programs	Mechatronics	25-02-2020	21-03-2020	26	Offline	86	160
55	Skill Development Programs on Novelty Yarns Fabric Ornamentation	Entrepreneurship/Startup	Employment Generation Training Programs	Textile Technology	25-02-2020	21-03-2020	26	Offline	47	160
56	Skill Development Program on Pattern Joining	Entrepreneurship/Startup	Employment Generation Training Programs	Textile Technology	02-01-2020	07-02-2020	37	Offline	52	175
57	Skill Development Programs on Sensors and Measurement System Embedded System Design Electronics Nanomaterials Biomedical Instrumentation Basic Matlab Simulation MS-Office Package	Entrepreneurship/Startup	Employment Generation Training Programs	Biomedical Engineering	29-07-2019	17-08-2019	20	Offline	50	144
58	Skill Development Programs on OS Instalation MS-Office Package Hosting Website developing console based applications	Innovation	Employment Generation Training Programs	Information Science and Engineering	29-07-2019	22-08-2019	25	Offline	45	90

59	Skill Development Programs on OS Installation MS-Office Package MS-Office Package developing console based applications	Innovation	Employment Generation Training Programs	Computer Science and Business Systems	29-07-2019	22-08-2019	25	Offline	49	90
60	Skill Development programs on Molecular Biology Microbial technology Microbiology Computer aided drug design Data mining in bioinformatics	Innovation	Employment Generation Training Programs	Biotechnology	02-01-2020	07-02-2020	37	Offline	124	120
61	Skill Development programs on Electronics Hobby Projects Sensors and Actuators Microcontrollers Basic Simulation (Matlab) MS Office BACR Hardware assembly of PC and Social media	Innovation	Employment Generation Training Programs	Electronics and Communication Engineering	29-07-2019	24-08-2019	27	Offline	219	144
62	Skill Development programs on Networks Communication Basic Electronics PCB MATLAB Microcontrollers	Innovation	Employment Generation Training Programs	Electronics and Communication Engineering	15-07-2019	07-08-2019	24	Offline	204	126
63	Skill Development programs on Embedded Skill Communication Skill	Innovation	Employment Generation Training Programs	Electronics and Communication Engineering	02-01-2020	07-02-2020	37	Offline	104	150
64	Skill Development programs on Electronics Skill Communication Skill	Innovation	Employment Generation Training Programs	Electronics and Communication Engineering	25-02-2020	21-03-2020	26	Offline	109	138
65	World skill development program on Mechanical CAD	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	111	111
66	World skill development program on Prototype Modelling	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	35	35
67	World skill development program on Welding	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	40	40
68	World skill development program on CFD	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	35	35
69	World skill development program on R and AC	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	20	30
70	World skill development program on Rapid prototyping	Innovation	Employment Generation Training Programs	Mechanical Engineering	02-01-2020	07-02-2020	37	Offline	20	30

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
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1	Dr. J. Ashok	School of Management Studies	Director SMS	No	Highest degree name in I&E and IPR	PhD in Human Resources				
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2006				
2	Dr. S. Murugappan	School of Management Studies	Professor	Yes	Highest degree name in I&E and IPR	Diploma in Entrepreneurship				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	1991				
		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 Visualization using Tableau	Innovation	Short term Certificate	Brainswing Pvt Lmt	Corporate / Industry Association	10-02-2020 00:00:00	14-02-2020 00:00:00	5	Online
3	Dr. D. David Winsten Praveenraj	School of Management Studies	Assistant Professor III	Yes	Highest degree name in I&E and IPR	Phd in Management Science				
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2015				
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
		Business Analytics	Entrepreneurship/Startup	Short term Certificate	IIMK	Educational Institute	23-09-2020 00:00:00	27-09-2020 00:00:00	5	Online
4	Dr. T. Sisili	School of Management Studies	Assistant Professor II	No	Highest degree name in I&E and IPR	Phd in International Economics				
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2013				
5	Mrs. B. Nandhini	School of Management Studies	Assistant Professor	No	Highest degree name in I&E and IPR	MBA in Human Resources and Systems				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2016				

6	Mr. A. Prasanth	School of Management Studies	Assistant Professor	Yes	Highest degree name in I&E and IPR	MSc in Applied Psychology				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2014				
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
		Business Analytics	Entrepreneurship/Startup	Short term Certificate	Brainswing Pvt Lmt	Educational Institute	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Online
7	Mr. J. M. Antonyraj	School of Management Studies	Assistant Professor	No	Highest degree name in I&E and IPR	MBA in Marketing Systems				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2002				
8	Mr. S. Nagarajan	School of Management Studies	Assistant Professor	No	Highest degree name in I&E and IPR	MBA in Finance and Marketing				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2010				
9	Dr. K. Balakrishnan	Bannari Amman Institute of Technology - Technology Business Incubator	Chief Executive Officer	No	Highest degree name in I&E and IPR	PhD in Microbial Biotechnology				
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2003				
10	Mr. N. Jayakumar	Modeling and prototype lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in CAD CAM				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2015				
11	Ms. A. Abiarmi	Cyber security	Assistant Professor	No	Highest degree name in I&E and IPR	MTech in Information Technology				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2005				

12	Mr. J. Jeya Ganesan	Cyber security	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Computer Science and Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Computer Science and Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	ME in Computer Science and Engineering										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2012										
13	Mr. R. Nirmalan	Cyber security	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Computer Science and Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Computer Science and Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2014
Highest degree name in I&E and IPR	ME in Computer Science and Engineering										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2014										
14	Mr. S. Satheesh Kumar	Cyber security	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Software Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Software Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	ME in Software Engineering										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2012										
15	Mr. S. Tamilselvan	Internet Of Things Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in VLSI Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in VLSI Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	ME in VLSI Design										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2012										
16	Dr. K. Shoukath Ali	Next Generation Networking Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Information and Communication Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Information and Communication Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019
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Degree Type	PhD										
Year of Highest degree in I&E and IPR	2019										
17	Mr. S. Elango	Printed Circuit Board Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in VLSI Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in VLSI Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	ME in VLSI Design										
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Year of Highest degree in I&E and IPR	2012										

18	Ms. S. Anusha Seles	Hackathon Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Wireless Technologies</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Wireless Technologies	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
Highest degree name in I&E and IPR	ME in Wireless Technologies										
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19	Ms. D. Preethi	Hackathon Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in VLSI Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in VLSI Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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20	Dr. E. L. Pradeesh	Hackathon Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Mechanical Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Mechanical Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2020
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Degree Type	PhD										
Year of Highest degree in I&E and IPR	2020										
21	Mr. S. K. Dhinesh	Micro prototyping Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Mechatronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Mechatronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
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22	Mr. S. Madheswaran	Micro prototyping Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Engineering Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Engineering Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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23	Mr. M Raghunath	Micro prototyping Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Mechatronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Mechatronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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24	Mr. L. Gowrishankar	Functional Foods and Nutraceuticals	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTech in Food Technology</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2017</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MTech in Food Technology	Degree Type	PG	Year of Highest degree in I&E and IPR	2017
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25	Mr. G. Gowtham Raj	Functional Foods and Nutraceuticals	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTech in Biotechnology</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MTech in Biotechnology	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
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26	Dr. R. Balakrishnaraja	Functional Foods and Nutraceuticals	Associate professor and Head	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>Phd in Process Biotechnology</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	Phd in Process Biotechnology	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016
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27	Dr. A. Bazila Banu	Data science lab	Associate Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Information and Communication Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Information and Communication Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015
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28	Mrs. M. Karthiga	Data science lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Computer Science Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Computer Science Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
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29	Dr.A.Bazilabanu	Data science lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Information and Communication Engg</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Information and Communication Engg	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015
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30	Dr. S. Tamilselvi	Bio - Technology	Associate Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Herbal Medicine</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Herbal Medicine	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015
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31	Dr. R. Harikumar	Electrical and Communication Engineering	Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Bio signal Processing</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Bio signal Processing	Degree Type	PhD	Year of Highest degree in I&E and IPR	2009
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32	Mr. P. Buvanesh	Food Technology	Assistant Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTech in Food Technology</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2018</td> </tr> </table>	Highest degree name in I&E and IPR	MTech in Food Technology	Degree Type	PG	Year of Highest degree in I&E and IPR	2018
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33	Dr. V. Chelladurai	Agricultural Engineering	Associate Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Biosystems Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Biosystems Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016
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34	Dr. M. Kalirahiman	Aeronautical	Associate Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Alternative Fuels</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Alternative Fuels	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015
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35	Dr. R. Rajam	Food Technology	Assistant Professor	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Biotechnology</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Biotechnology	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016
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36	Mr. N. Nataraj	Clouds Computing Lab	Assistant professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Software Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Software Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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37	Ms. A. Poornima	Clouds Computing Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Computer Science and Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Computer Science and Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2020
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38	Mr. P. Purusothaman	Artificial Intelligence Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTech in Information Technology</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MTech in Information Technology	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
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39	Mr. C. Raju	Communication protocol Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Communication Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Communication Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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40	Mr. M. Leeban Moses	Communication protocol Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Communication System</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Communication System	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
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Year of Highest degree in I&E and IPR	2012										
41	Dr. V. T. Balamurugan	Sensors and Instrumentation Lab	Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Biomedical Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2011</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Biomedical Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2011
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42	Mr. S. Karthikeyan	Communication protocol Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Applied Electronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Applied Electronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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43	Mr. K. Nandakumar	Robotics lab	Assistant professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Engineering Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Engineering Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2015
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44	Dr. L. Rajasekar	Electronic product development lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Electrical Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Electrical Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2020
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Degree Type	PhD										
Year of Highest degree in I&E and IPR	2020										
45	Mrs. K. Ramya	Electronic product development lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Embedded System</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2017</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Embedded System	Degree Type	PG	Year of Highest degree in I&E and IPR	2017
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Year of Highest degree in I&E and IPR	2017										
46	Mr. Manu Raju	Vision Engineering Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTech in Communications and signal Processing</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MTech in Communications and signal Processing	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
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47	Mr. G. Suresh	Vision Engineering Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Communication Systems</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Communication Systems	Degree Type	PG	Year of Highest degree in I&E and IPR	2014
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Year of Highest degree in I&E and IPR	2014										

48	Mr. D. Selvamuthukumar	Unmanned UnderwaterVehicleLab	Assistant Professor II	No	Highest degree name in I&E and IPR	ME in Engineering Design				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2013				
49	Mr. P. Vivek Kumar	Manufacturing and FabricationCell	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Computer Integrated Manufacturing				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2016				
50	Mrs. T. Malathi	Open Source Lab	Assistant Professor	Yes	Highest degree name in I&E and IPR	ME in Computer Science Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2016				
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
51	Mr. V. Vaideeswaran	Energy Storage and Conversion Lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Power Electronics and Drives				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2018				
52	Mr. K. V. Santhosh Kumar	Drives and Actuators Lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Power Electronics and Drives				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2014				
53	Mr. N. V. Manjunath	Sustainable Civil Engineering Materials lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Structural Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2014				

54	Mrs. V. Jayanthi	Sustainable Civil Engineering Materials lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Structural Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2013				
55	Mrs. R. Rameswari	Electronics and Instrumentation Engineering	Assistant Professor	No	Highest degree name in I&E and IPR	ME in VLSI Design				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2010				
56	Mr. M. Kalimuthu	Electronics and Instrumentation Engineering	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Embedded Systems				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2017				
57	Mr. V. Prabhu	Electronics and Instrumentation Engineering	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Embedded System				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2016				
58	Dr. M. Senthamarai	Entrepreneurship Development Cell	Coordinator	Yes	Highest degree name in I&E and IPR	PhD in Biotechnology				
					Degree Type	PhD				
					Year of Highest degree in I&E and IPR	2020				
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
59	Mr. V. Hariprasad	Unmanned Aerial Vehicle	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Spacecraft Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2013				

60	Mr. S. Sathshikumar	Electrical Product Development Lab	Assistant Professor II	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Applied Electronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2009</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Applied Electronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2009
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Degree Type	PG										
Year of Highest degree in I&E and IPR	2009										
61	Dr. S. Veerakumar	Electrical Product Development Lab	Assistant Professor III	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Power Electronics</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2015</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Power Electronics	Degree Type	PhD	Year of Highest degree in I&E and IPR	2015
Highest degree name in I&E and IPR	PhD in Power Electronics										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2015										
62	Dr. E. Prakash	WorldSkills Training Centre	Associate Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Mechanical Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Mechanical Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016
Highest degree name in I&E and IPR	PhD in Mechanical Engineering										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
63	Mr. A. Naveen Sankar	WorldSkills Training Centre	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in CAD CAM</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in CAD CAM	Degree Type	PG	Year of Highest degree in I&E and IPR	2020
Highest degree name in I&E and IPR	ME in CAD CAM										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2020										
64	Dr. S. Sundara Murthy	App Development Lab	Associate Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Information and Communication Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Information and Communication Engineering	Degree Type	PhD	Year of Highest degree in I&E and IPR	2016
Highest degree name in I&E and IPR	PhD in Information and Communication Engineering										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2016										
65	Mr. S. Nithyanantham	Computer Science and Engineering	Assistant Professor II	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Computer Science and Engineering</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2010</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Computer Science and Engineering	Degree Type	PG	Year of Highest degree in I&E and IPR	2010
Highest degree name in I&E and IPR	ME in Computer Science and Engineering										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2010										

66	Mr A Daniel Raj	Next Generation Networking Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in VLSI Design</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2013</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in VLSI Design	Degree Type	PG	Year of Highest degree in I&E and IPR	2013
Highest degree name in I&E and IPR	ME in VLSI Design										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2013										
67	Dr.M.Abdullah	Printed Circuit Board Lab	Assistant Professor (Level -III)	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Image Processing</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in Image Processing	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019
Highest degree name in I&E and IPR	PhD in Image Processing										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2019										
68	Dr.T.Perarasi	Next Generation Networking Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in RF Wireless Communication</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2017</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD in RF Wireless Communication	Degree Type	PhD	Year of Highest degree in I&E and IPR	2017
Highest degree name in I&E and IPR	PhD in RF Wireless Communication										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2017										
69	Mr. S. Velmurugan	Modeling and Prototyping Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in CAD CAM</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2010</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in CAD CAM	Degree Type	PG	Year of Highest degree in I&E and IPR	2010
Highest degree name in I&E and IPR	ME in CAD CAM										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2010										
70	Mr. G. Sundarraju	Modeling and prototype lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Industrial Metallurgy</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2010</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Industrial Metallurgy	Degree Type	PG	Year of Highest degree in I&E and IPR	2010
Highest degree name in I&E and IPR	ME in Industrial Metallurgy										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2010										
71	Mrs.P. Ramya	Internet of Things Lab	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME in Communication Systems</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2011</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME in Communication Systems	Degree Type	PG	Year of Highest degree in I&E and IPR	2011
Highest degree name in I&E and IPR	ME in Communication Systems										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2011										

72	Ms V. R. Kiruthika	Internet of Things Lab	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Computer Science and Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2020				
73	Mr. S. Sundar	Electrical Product Development Lab	Assistant Professor II	Yes	Highest degree name in I&E and IPR	ME in Power Electronics				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2012				
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
74	Mr.A.Nandhakumar	Drives and Actuators lab	Assistant Professor II	No	Highest degree name in I&E and IPR	ME in Power Electronics and Drives				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2010				
75	Mr.T.Alex Stanley Raja	Drives and Actuators Lab	Assistant Professor II	No	Highest degree name in I&E and IPR	ME in Power Electronics and Drives				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2011				
76	Mr R Vinothsaravanan	Programming	Assistant Professor Level III	No	Highest degree name in I&E and IPR	ME in Computer Science and Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2007				
77	Mr S Suseendran	Programming	Assistant Professor	No	Highest degree name in I&E and IPR	ME in Computer Science and Engineering				
					Degree Type	PG				
					Year of Highest degree in I&E and IPR	2013				

78	Rajaseetharama S	Bio-prospecting Research Laboratory	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>M Tech Biotechnology</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	M Tech Biotechnology	Degree Type	PG	Year of Highest degree in I&E and IPR	2019
Highest degree name in I&E and IPR	M Tech Biotechnology										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2019										
79	Mr. R. Sivabalakrishnan	Industrial automation	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>M E Mechatronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	M E Mechatronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	M E Mechatronics										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2012										
80	Dr. P. Nagarajan	Industrial Automation	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD Mechanical</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2020</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	PhD Mechanical	Degree Type	PhD	Year of Highest degree in I&E and IPR	2020
Highest degree name in I&E and IPR	PhD Mechanical										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2020										
81	Mr. S. Vigneshwaran	Industrial automation	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>ME Mechatronics</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2016</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	ME Mechatronics	Degree Type	PG	Year of Highest degree in I&E and IPR	2016
Highest degree name in I&E and IPR	ME Mechatronics										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2016										
82	Priya R	Art and Design Laboratory	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MFM</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2012</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MFM	Degree Type	PG	Year of Highest degree in I&E and IPR	2012
Highest degree name in I&E and IPR	MFM										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2012										
83	Saranya D V	Art and Design Laboratory	Assistant Professor	No	<table border="1"> <tbody> <tr> <td>Highest degree name in I&E and IPR</td> <td>MTECH</td> </tr> <tr> <td>Degree Type</td> <td>PG</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2014</td> </tr> </tbody> </table>	Highest degree name in I&E and IPR	MTECH	Degree Type	PG	Year of Highest degree in I&E and IPR	2014
Highest degree name in I&E and IPR	MTECH										
Degree Type	PG										
Year of Highest degree in I&E and IPR	2014										

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	UDYAMI Entrepreneurship Development cell and Startup center	Startup Club	2006	Work Stations	Incubation Unit	8	Dr M SENTHAMARAI	startups@bitsathy.ac.in	9751196488

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation on Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Industrial Automation Laboratory	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.R.Sivabala krishnan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sivabalan@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842581719</td> </tr> </table>	Facility Incharge Name	Mr.R.Sivabala krishnan	Facility Incharge Email	sivabalan@bitsathy.ac.in	Facility Incharge Phone	9842581719	3	Yes	No	Yes
Facility Incharge Name	Mr.R.Sivabala krishnan																
Facility Incharge Email	sivabalan@bitsathy.ac.in																
Facility Incharge Phone	9842581719																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Funding Agency		Delta Electronics India Pvt Ltd				Corporate / Industry Association		108000									
2	Micro prototyping Lab	Innovation Centre	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S K Dhinesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dhineshsk@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9715367724</td> </tr> </table>	Facility Incharge Name	S K Dhinesh	Facility Incharge Email	dhineshsk@bitsathy.ac.in	Facility Incharge Phone	9715367724	3	No	No	Yes
Facility Incharge Name	S K Dhinesh																
Facility Incharge Email	dhineshsk@bitsathy.ac.in																
Facility Incharge Phone	9715367724																
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		Bannari amman Institute of Technology				International Agencies		136825									

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

3	Sensors and Instrumentation Lab	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.V.T. Balamurugan	5	Yes	Yes		Yes	
							Facility Incharge Email	balamurugan@bitsathy.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0		
							Facility Incharge Phone	9500676270			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	161334		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)			
Institute's Own Fund / Resource						Bannari Amman Institute of Technology			Educational Institute		20000			
4	Robotics lab	Innovation Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Nanda kumar	3	Yes	No		Yes	
							Facility Incharge Email	nandakumar@bitsathy.ac.in						
							Facility Incharge Phone	9600799158						

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		Bannari amman institute of tech		Educational Institute		20000									
5	Sustainable Civil Engineering Materials lab	Maker's Space	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>20000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	20000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Yes															
Total Annual Income from Training and Skill Development Services (In Rupees)	20000														
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0														
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0														
						<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Manjunath N V</td> </tr> <tr> <td>Facility Incharge Email</td> <td>manjunathnv@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9976761735</td> </tr> </tbody> </table>	Facility Incharge Name	Manjunath N V	Facility Incharge Email	manjunathnv@bitsathy.ac.in	Facility Incharge Phone	9976761735	2	Yes	Yes
Facility Incharge Name	Manjunath N V														
Facility Incharge Email	manjunathnv@bitsathy.ac.in														
Facility Incharge Phone	9976761735														
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		BIT		Educational Institute		2346978									

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

6	Unmanned Aerial Vehicle Laboratory	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Hariprasad V	3	No	No	Yes
							Facility Incharge Email	hariprasadv@bitsathy.ac.in				
							Facility Incharge Phone	7708379759				
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						Bannari Amman Institute of Technology			Educational Institute		668090	
7	Data Science Lab	Innovation Centre	2018	Work Stations	Innovation Park/Research Park	Innovation Park/Research Park	Facility Incharge Name	Dr.A.B azilab anu	3	No	No	No
							Facility Incharge Email	bazilab anu@bitsathy.ac.in				
							Facility Incharge Phone	9943093477				
8	Mobile & Web App Development Lab	Innovation Centre	2018	Work Stations	Innovation Labs, Student Clubs	Innovation Labs, Student Clubs	Facility Incharge Name	Dr.S.S undara murthy	6	No	No	No
							Facility Incharge Email	sundar amurthys@bitsathy.ac.in				
							Facility Incharge Phone	9942999966				
9	Communication Protocol Lab	Design Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Mr.C.R aju	3	Yes	No	Yes
							Facility Incharge Email	raju@bitsathy.ac.in				
							Facility Incharge Phone	9952595618				

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

Source of Grant / Fund		Agency Name					Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource		Bannari Amman Institute of Technology					Educational Institute		127793								
10	Cloud Computing Lab	Innovation Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.N.N ataraj</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nataraj@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9715114848</td> </tr> </table>	Facility Incharge Name	Mr.N.N ataraj	Facility Incharge Email	nataraj@bitsathy.ac.in	Facility Incharge Phone	9715114848	2	Yes	No	Yes
Facility Incharge Name	Mr.N.N ataraj																
Facility Incharge Email	nataraj@bitsathy.ac.in																
Facility Incharge Phone	9715114848																
Source of Grant / Fund		Agency Name					Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Funding Agency		Bannari Amman Institute of Technology					Educational Institute		20000								
11	Artificial Intelligence Laboratory	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>P Purusothaman</td> </tr> <tr> <td>Facility Incharge Email</td> <td>purusothaman@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9952013214</td> </tr> </table>	Facility Incharge Name	P Purusothaman	Facility Incharge Email	purusothaman@bitsathy.ac.in	Facility Incharge Phone	9952013214	5	Yes	No	Yes
Facility Incharge Name	P Purusothaman																
Facility Incharge Email	purusothaman@bitsathy.ac.in																
Facility Incharge Phone	9952013214																
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		BANNARI AMMAN INSTITUTE OF TECHNOLOGY					Educational Institute		50000								
12	Augmented reality Virtual reality Lab	Innovation Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Nithyanthams</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nithyantham@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9786679966</td> </tr> </table>	Facility Incharge Name	Nithyanthams	Facility Incharge Email	nithyantham@bitsathy.ac.in	Facility Incharge Phone	9786679966	1	No	No	Yes
Facility Incharge Name	Nithyanthams																
Facility Incharge Email	nithyantham@bitsathy.ac.in																
Facility Incharge Phone	9786679966																

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		Bannari Amman Institute of Technology		Educational Institute		538500											
13	Printed Circuit Board Lab	Design Centre	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S.Elango</td> </tr> <tr> <td>Facility Incharge Email</td> <td>elangs@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9486417478</td> </tr> </table>	Facility Incharge Name	S.Elango	Facility Incharge Email	elangs@bitsathy.ac.in	Facility Incharge Phone	9486417478	2	No	No	No
Facility Incharge Name	S.Elango																
Facility Incharge Email	elangs@bitsathy.ac.in																
Facility Incharge Phone	9486417478																
14	Next Generation Networking Lab	Innovation Centre	2019	None	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.Shoukath Ali</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shoukathali@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9789278929</td> </tr> </table>	Facility Incharge Name	Dr.K.Shoukath Ali	Facility Incharge Email	shoukathali@bitsathy.ac.in	Facility Incharge Phone	9789278929	3	Yes	No	No
Facility Incharge Name	Dr.K.Shoukath Ali																
Facility Incharge Email	shoukathali@bitsathy.ac.in																
Facility Incharge Phone	9789278929																
15	Functional Foods And Nutraceuticals	Startup Cell	2020	None	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Balakrishna Raja R</td> </tr> <tr> <td>Facility Incharge Email</td> <td>balakrishnaraja@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9488570421</td> </tr> </table>	Facility Incharge Name	Balakrishna Raja R	Facility Incharge Email	balakrishnaraja@bitsathy.ac.in	Facility Incharge Phone	9488570421	3	No	No	No
Facility Incharge Name	Balakrishna Raja R																
Facility Incharge Email	balakrishnaraja@bitsathy.ac.in																
Facility Incharge Phone	9488570421																

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

16	Embedded Systems Lab	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	M.Kalimuthu	3	No	Yes		Yes
							Facility Incharge Email	kalimuthu@bitsathy.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	7904979934			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource						Bannari Amman Institute of Technology			Educational Institute		110300		
17	Hackathon lab	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. E L Pradeesh	4	Yes	No		Yes
							Facility Incharge Email	pradeeshel@bitsathy.ac.in					
							Facility Incharge Phone	9944820144					

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

Source of Grant / Fund		Agency Name					Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		bannari amman institute of technology					Educational Institute		400000									
18	Vision Engineering Lab	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>G. Suresh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sureshg@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>6379472299</td> </tr> </table>	Facility Incharge Name	G. Suresh	Facility Incharge Email	sureshg@bitsathy.ac.in	Facility Incharge Phone	6379472299	3	No	No	Yes	
Facility Incharge Name	G. Suresh																	
Facility Incharge Email	sureshg@bitsathy.ac.in																	
Facility Incharge Phone	6379472299																	
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		Bannari Amman Institute of Technology					Educational Institute		38000									
19	Internet of Things Lab	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S.Tamilselvan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tamilselvans@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8012443399</td> </tr> </table>	Facility Incharge Name	S.Tamilselvan	Facility Incharge Email	tamilselvans@bitsathy.ac.in	Facility Incharge Phone	8012443399	3	No	No	Yes	
Facility Incharge Name	S.Tamilselvan																	
Facility Incharge Email	tamilselvans@bitsathy.ac.in																	
Facility Incharge Phone	8012443399																	
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		Bannari Amman Institute of Technology					Educational Institute		573000									

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

20	Modelling and Prototyping Lab	Innovation Centre	2018	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>N.Jaya kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jayakumar@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9500561901</td> </tr> </table>	Facility Incharge Name	N.Jaya kumar	Facility Incharge Email	jayakumar@bitsathy.ac.in	Facility Incharge Phone	9500561901	3	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>30772</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> <td></td> </tr> </tbody> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	0		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	30772		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Facility Incharge Name	N.Jaya kumar																											
Facility Incharge Email	jayakumar@bitsathy.ac.in																											
Facility Incharge Phone	9500561901																											
Yes		No																										
Total Annual Income from Training and Skill Development Services (In Rupees)	0																											
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	30772																											
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																											

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

21	Robotics and Automation Lab	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>P Senthil kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>senthil kumar.p@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7373562428</td> </tr> </table>	Facility Incharge Name	P Senthil kumar	Facility Incharge Email	senthil kumar.p@bitsathy.ac.in	Facility Incharge Phone	7373562428	3	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>18000</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> <td></td> </tr> </tbody> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	18000		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		No
Facility Incharge Name	P Senthil kumar																												
Facility Incharge Email	senthil kumar.p@bitsathy.ac.in																												
Facility Incharge Phone	7373562428																												
Yes		No																											
Total Annual Income from Training and Skill Development Services (In Rupees)	18000																												
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																												
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																												
22	Energy Storage and Conversion Lab	Innovation Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>V. Vaidee swaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vaidee swaran@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8883039823</td> </tr> </table>	Facility Incharge Name	V. Vaidee swaran	Facility Incharge Email	vaidee swaran@bitsathy.ac.in	Facility Incharge Phone	8883039823	3	No	No	Yes												
Facility Incharge Name	V. Vaidee swaran																												
Facility Incharge Email	vaidee swaran@bitsathy.ac.in																												
Facility Incharge Phone	8883039823																												
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						Bannari Amman Institute of Technology			Educational Institute		107400																		

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

23	Electrical Product Development Lab	Innovation Centre	2019	Co-working Space, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Veerakumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>veerakumar@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9865255732</td> </tr> </table>	Facility Incharge Name	Dr.S.Veerakumar	Facility Incharge Email	veerakumar@bitsathy.ac.in	Facility Incharge Phone	9865255732	3	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>20000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	20000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr.S.Veerakumar																								
Facility Incharge Email	veerakumar@bitsathy.ac.in																								
Facility Incharge Phone	9865255732																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	20000																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Institute's Own Fund / Resource		Bannari Amman Institute of Technology		Educational Institute		280000																			
24	Drives and Actuators Lab	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.K.V.Santhosh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>santhoshkumar@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9443307997</td> </tr> </table>	Facility Incharge Name	Mr.K.V.Santhosh Kumar	Facility Incharge Email	santhoshkumar@bitsathy.ac.in	Facility Incharge Phone	9443307997	3	No	No	No								
Facility Incharge Name	Mr.K.V.Santhosh Kumar																								
Facility Incharge Email	santhoshkumar@bitsathy.ac.in																								
Facility Incharge Phone	9443307997																								

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

25	Unmanned Underwater Vehicle Lab	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Selvam uthuku maran D</td> </tr> <tr> <td>Facility Incharge Email</td> <td>selvam uthuku maran @bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>888375 1282</td> </tr> </table>	Facility Incharge Name	Selvam uthuku maran D	Facility Incharge Email	selvam uthuku maran @bitsathy.ac.in	Facility Incharge Phone	888375 1282	1	No	No	Yes
Facility Incharge Name	Selvam uthuku maran D																
Facility Incharge Email	selvam uthuku maran @bitsathy.ac.in																
Facility Incharge Phone	888375 1282																
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		Bannari Amman Institute of Technology				Educational Institute		93450									
26	World Skill Training Center	Innovation Centre	2019	None	Innovation Labs, Student Clubs	Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>E Prakash</td> </tr> <tr> <td>Facility Incharge Email</td> <td>prakash@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>944332 2370</td> </tr> </table>	Facility Incharge Name	E Prakash	Facility Incharge Email	prakash@bitsathy.ac.in	Facility Incharge Phone	944332 2370	1	No	No	No
Facility Incharge Name	E Prakash																
Facility Incharge Email	prakash@bitsathy.ac.in																
Facility Incharge Phone	944332 2370																
27	Programming	Innovation Centre	2018	Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>R Vinothsaranan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rvinotsaranan@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>948693 7721</td> </tr> </table>	Facility Incharge Name	R Vinothsaranan	Facility Incharge Email	rvinotsaranan@bitsathy.ac.in	Facility Incharge Phone	948693 7721	2	No	No	No
Facility Incharge Name	R Vinothsaranan																
Facility Incharge Email	rvinotsaranan@bitsathy.ac.in																
Facility Incharge Phone	948693 7721																

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

28	Bioprospecting Research Laboratory	Innovation Centre	2019	Co-working Space, Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Rajaseethara ma S	2	No	No	Yes
							Facility Incharge Email	rajaseetharama@bitsathy.ac.in				
							Facility Incharge Phone	9994208375				
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						Bannari Amman Institute of Technology			Educational Institute		150000	
29	Art and Design Laboratory	Design Centre	2018	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Saranya D V	2	No	No	No
							Facility Incharge Email	saranyadv@bitsathy.ac.in				
							Facility Incharge Phone	9842750207				

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	Centre for Drives and Automations	2017	Innovation Park/Research Park		Facility Incharge Name Raghu nath M Facility Incharge Email raghunath@bitsathy.ac.in Facility Incharge Phone 9566357006	3	No	No	No

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

2	Centre for Industrial automation and Mechatronics	2011	Innovation Park/Research Park		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Nijandhan K</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nijandhan@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9171115683</td> </tr> </table>	Facility Incharge Name	Nijandhan K	Facility Incharge Email	nijandhan@bitsathy.ac.in	Facility Incharge Phone	9171115683	2	No	No	No
Facility Incharge Name	Nijandhan K														
Facility Incharge Email	nijandhan@bitsathy.ac.in														
Facility Incharge Phone	9171115683														
3	Salzer BIT Innovation Center	2016	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr Manivannan S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>manivannans@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9787404104</td> </tr> </table>	Facility Incharge Name	Mr Manivannan S	Facility Incharge Email	manivannans@bitsathy.ac.in	Facility Incharge Phone	9787404104	1	No	No	No
Facility Incharge Name	Mr Manivannan S														
Facility Incharge Email	manivannans@bitsathy.ac.in														
Facility Incharge Phone	9787404104														
4	Center of Excellence For Industrial Automation	2013	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>M.PRAVIN SAVA RIDAS S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pravinsavaridas@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9500449029</td> </tr> </table>	Facility Incharge Name	M.PRAVIN SAVA RIDAS S	Facility Incharge Email	pravinsavaridas@bitsathy.ac.in	Facility Incharge Phone	9500449029	1	No	No	Yes
Facility Incharge Name	M.PRAVIN SAVA RIDAS S														
Facility Incharge Email	pravinsavaridas@bitsathy.ac.in														
Facility Incharge Phone	9500449029														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		BANNARI AMMAN INSTITUTE OF TECHNOLOGY			Educational Institute		3100000								

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

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

1	Bannari Amman Institute of Technology - Technology Business Incubator	2007	Pre-Incubation	DST / AICTE Samridhi	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr K Balakrishnan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>balu444@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9488326443</td> </tr> </table>	Facility Incharge Name	Dr K Balakrishnan	Facility Incharge Email	balu444@gmail.com	Facility Incharge Phone	9488326443	3	No	No	No
Facility Incharge Name	Dr K Balakrishnan														
Facility Incharge Email	balu444@gmail.com														
Facility Incharge Phone	9488326443														

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Manufacturing and Fabrication Lab	2018	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>K N Karthik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>karthikkkn@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9952272735</td> </tr> </table>	Facility Incharge Name	K N Karthik	Facility Incharge Email	karthikkkn@bitsathy.ac.in	Facility Incharge Phone	9952272735	6	Yes	No	Yes
Facility Incharge Name	K N Karthik														
Facility Incharge Email	karthikkkn@bitsathy.ac.in														
Facility Incharge Phone	9952272735														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		Institute's Own Fund / Resource		BANNARI AMMAN INSTITUTE OF TECHNOLOGY		Educational Institute		6000000							

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	IPR CELL- Bannari Amman Institute of Technology	2017	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Amarkarthik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>amarkarthik@bitsathy.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9894455801</td> </tr> </table>	Facility Incharge Name	Dr. A. Amarkarthik	Facility Incharge Email	amarkarthik@bitsathy.ac.in	Facility Incharge Phone	9894455801	3	Yes	No	No
Facility Incharge Name	Dr. A. Amarkarthik														
Facility Incharge Email	amarkarthik@bitsathy.ac.in														
Facility Incharge Phone	9894455801														

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr K Balakrishnan	CEO	Entrepreneurship/Startup Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	VR/ AR as service to customers providing essential updates - IoT		Within	TN07D0022141
2	Jayakumar N	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Litter Collector Vehicle		Within	
3	J.JEYA GANESAN	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cyber Security		Within	
4	A ABIRAMI	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cyber Security		Within	
5	NIRMALAN R	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cyber Security		Within	
6	SATHEESH KUMAR S	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cyber Security		Within	

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

7	S TAMILSELVAN	ASSISTANT PROFESSOR	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT, Embedded system design		Within	
8	K.SHOUKATH ALI	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LIVE FLEET MONITORING SYSTEM		Within	
9	C.Raju	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	COMMUNICATION PROTOCOL		Within	
10	Anusha Seles	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Asthmatic device		Within	
11	Dr.S.Murugappan	Professor	Entrepreneurship/Startup Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Marketing survey and banking financial statement preparation for statup		Outside	
12	Preethi D	ASSISTANT PROFESSOR	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart air cooler		Within	
13	Pradeesh EL	ASSISTANT PROFESSOR	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart handwash		Within	
14	SK DHINESH	ASSISTANT PROFESSOR	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	3D Printer development		Within	
15	S MADHESWARAN	ASSISTANT PROFESSOR	Idea/Innovation Development	1

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Additive manufacturing material development	Within	
16	M RAGHUNATH	ASSISTANT PROFESSOR	Idea/Innovation Development
	New product development	Within	
17	Gowrishankar L	Assistant Professor	Idea/Innovation Development
	Stress bars and workout bars	Within	
18	Gowtham Raj	Assistant Professor	Entrepreneurship/Startup Development
	Wheat Biscuits	Within	
19	Dr. R. Balakrishnaraja	Associate professor and Head	Idea/Innovation Development
	Slaughter house waste management	Within	
20	Dr.A.Bazilabanu	Associate Professor	Idea/Innovation Development
	Real time face detection system	Within	
21	M.Karthiga	Assistant Professor	Idea/Innovation Development
	Cassava disease classification	Within	
22	Dr S Tamilselvi	Associate Professor	Entrepreneurship/Startup Development
	A Combo natural product to treat dandruff, improves hair growth and effective moisturizer	Within	
	Antibacterial mask	Within	
23	Dr R Harikumar	Professor	Entrepreneurship/Startup Development

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Exploiting possible non-invasive glucose quantification via color coded strips	Within	
24	Mr Buvanesh P	Assistant Professor	Entrepreneurship/Startup Development
	2		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wheat flour - palm sugar combo product to replace Maida egg combo (Multi Grain Ice Cream cup)	Within	
25	Dr V Chelladurai	Associate Professor	Entrepreneurship/Startup Development
	4		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Novel multi-millet wafer rich in nutrients will be made for commercial application	Within	
26	Dr M Kalilrahiman	Associate Professor	Entrepreneurship/Startup Development
	6		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Domestic plastic waste used for hydroponics hardware, typical agriculture without soil	Within	
27	Dr R Rajam	Assistant Professor	Entrepreneurship/Startup Development
	2		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Healthy green coffee beverage in flexible pouches/ rigid containers	Within	
28	P Purusothaman	ASSISTANT PROFESSOR	Idea/Innovation Development
	2		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AI and Machine Learning	Within	
29	Nataraj N	Assistant professor	Idea/Innovation Development
	2		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cloud services	Within	
30	Dr.V.T.Balamurugan	Professor	Idea/Innovation Development
	5		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Surface Enhanced Raman Spectroscopy Based Milk Quality Analyzer - BIRAC's BIG Scheme	Outside	
31	M.Leeban Moses	Assistant Professor	Idea/Innovation Development
	1		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	COMMUNICATION PROTOCOL	Within	

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

32	S.Karthikeyan	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	COMMUNICATION PROTOCOL		Within	
33	Rajasekar L	ASSISTANT PROFESSOR	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Autonomous vehicle		Within	
34	Ramya K	ASSISTANT PROFESSOR	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Advance health monitoring system		Within	
35	Nandakumar K	Assistant professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mobile robotics		Within	
36	MANU RAJU	ASSISTANT PROFESSOR	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Early Diagnosis of Alzheimer's disease using MRI scans		Within	
37	Suresh G	ASSISTANT PROFESSOR	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Paraclete Image Labs Pvt. Ltd.		Within	U72200TZ2017PTC029355
38	SELVAMUTHUKUMARAN D	Assistant Professor II	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	REMOTELY ASSISTED LIFE SAVING RESCUE BOT IN WATER BODIES		Within	
	AUTONOMOUS/ REMOTELY OPERATED AQUA BOT FOR COLLECTING FLOATING WASTES ON STATIC WATER BODY AND WATER QUALITY MONITORING		Within	
	REMOTELY OPERATED UNDERWATER VEHICLE		Within	
39	VIVEK KUMAR P	Assistant Professor	Idea/Innovation Development	3

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	INSULATED POT STAND FOR INCREASING THE EFFICIENCY OF GAS STOVE		Within	
	MULTI PURPOSE MINI CNC MACHINE		Within	
	Chairless Chair		Within	
	Automated Solar Panel Cleaning		Within	
	IOT based Sewage gas toxic detector using LORA module		Within	
	Sewage water to potable water		Within	
	Motorized shutter lifter		Within	
	Sanitizer Dispenser		Within	
40	V.Vaideeswaran	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	E vehicles		Within	
41	K.V.Santhosh Kumar	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Electric Drives and Robots		Within	
42	Manjunath N V	Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ASCE concrete canoe		Outside	
43	Jayanthi V	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ASCE blue sky		Outside	
44	Rameswari R	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Embedded System		Within	
45	Kalimuthu M	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Embedded System		Within	
46	Dr M Senthamarai	Coordinator	Entrepreneurship/Startup Development	6

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

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Robotryx	Within	
		IOT based sanitary Napkin dispenser	Within	
		AR-VR Lab	Within	
		Stackno Automation (OPC) Pvt Ltd	Within	
		EmDes Technology	Within	
47	Hariprasad V	Assistant Professor	Idea/Innovation Development	3
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Fixed Wing UAV	Within	
		Multicopter UAV	Within	
48	Dr E Prakash	Associate Professor	Idea/Innovation Development	2
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Skill Development	Within	
49	Mr A Naveen Sankar	Assistant Professor	Idea/Innovation Development	1
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Skill Development	Within	
50	Dr.S.Sundaramurthy	Associate Professor	Idea/Innovation Development	5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Developing Mobile And Web Applications as In-House Projects and also to the Clients Projects	Within	
51	Mr. S. Elango	Assistant Professor	Idea/Innovation Development	1
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Low Cost Digital Clock	Within	
52	Daniel Raj A	Assistant Professor	Idea/Innovation Development	1
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Live Fleet System	Within	
53	Dr.M.Abdullah	Assistant Professor (Level -III)	Idea/Innovation Development	1

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LED Display Board for Petty Shops	Within	
54	Dr.T.Perarasi	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	GPS Tracking System	Within	
55	Mr. S. Velmurugan	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Litter Collector Vehicle	Within	
56	Mr. G. Sundarraju	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Litter Collector Vehicle	Within	
57	Mrs.P. Ramya	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT, Embedded system design	Within	
58	Ms V. R. Kiruthika	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT, Embedded system design	Within	
59	Mr. S. Sundar	Assistant Professor II	Idea/Innovation Development,Entrepreneurship/Startup Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Product Development	Within	
60	Mr. S. Sathihkumar	Assistant Professor II	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Embedded and Product Development	Within	
61	Dr. S. Veerakumar	Assistant Professor III	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Power Electronics and Embedded Technology	Within	

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

62	Mr.A.Nandhakumar	Assistant Professor II	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Water Leakage Detection System using PLC		Within	
63	Mr.T.Alex Stanley Raja	Assistant Professor II	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LPG leakage detection system		Within	
64	R Vinothsaravanan	Assistant Professor Level III	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IT Software Solution- World Skill		Within	
65	S Suseendran	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Hackathon		Within	
66	Rajaseetharama S	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A portable rapid SARS-Cov2 RNA extraction kit coupled with in field Detection module		Within	
	A multi tasking hydro cum aeroponic system for effective cultivation of provenders		Within	
67	Mr. R. Sivabalakrishnan	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automatic Antibiotic Disc Dispenser System		Within	
	IoT based smart factory for additive manufacturing with vision system using machine learning approach		Within	
68	Dr. P. Nagarajan	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based DAM automation and flood monitoring system using Data analysis		Within	
69	Mr. S. Vigneshwaran	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	G-One saver		Within	
70	PRIYA R	ASSISTANT PROFESSOR	Idea/Innovation Development	3

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

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		IBM HACK CHALLENGE	Within	
71	Saranya D V	Assistant Professor	Idea/Innovation Development	2
			Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI
		Sustainable Craft products	Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship	
1	Shri P Santhosh, Area Manager, RBL Bank, Chennai &	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
		"Working Capital Management"	24-10-2019	24-10-2019	1	2	25	Early Stage Startup
2	Shri P A Karthick, Chartered Accountant, Chennai.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
		"Working Capital Management"	24-10-2019	24-10-2019	1	2	20	Early Stage Startup
3	Shri M R Jagannathan, Deputy Director, EDII, Chennai	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
		"IVP Funding/MSME Schemes for Start-ups"	21-12-2019	21-12-2019	1	1	25	Early Stage Startup

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
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1	Vision based lane following robot	Product Innovation	Technological		Staff	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	Grant Amount in Rs 8500	No	No
Name		Type			Gender		Email		Contact				
Nandakumar K		Faculty			Male		nandakumar@bitsathy.ac.in		9600799158				
2	Autonomous humanoid robot	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
SR Surya		Student			Male		sathya240289@gmail.com		9715073414				
3	GPS Tracking System	Product Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No
Name		Type			Gender		Email		Contact				
Dr.K.Shoukath Ali		Faculty			Male		shoukathali@bitsathy.ac.in		9789278929				
Name		Type			Gender		Email		Contact				
Mr.A.Daniel Raj		Faculty			Male		danielraja@bitsathy.ac.in		9095061141				

4	Digital Voltmeter and Ammeter	Product Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender			Email			Contact		
Dr.K.Shoukath Ali		Faculty			Male			shoukathali@bitsathy.ac.in			9789278929		
Name		Type			Gender			Email			Contact		
Mr.Daniel Raj A		Faculty			Male			danielraja@bitsathy.ac.in			9095061141		
Mr.Praveen Kumar S		Student			Male			praveenkumar.vd19@bitsathy.ac.in			9842513373		
5	Low Cost Digital Clock	Product Innovation	Technological	Printed Circuit Board Lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender			Email			Contact		
Mr.S.Elango		Faculty			Male			elangos@bitsathy.ac.in			9486417478		
Name		Type			Gender			Email			Contact		
Dr.M.Abdullah		Faculty			Male			arunkumarm@bitsathy.ac.in			9123542871		

6	Led Display Board for Petty Shops	Product Innovation	Technological	Printed Circuit Board Lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr.M.Abdullah		Faculty			Male		arunkumarm@bitsathy.ac.in			9123542871			
Name		Type			Gender		Email			Contact			
Mr.S.Elango		Faculty			Male		elangos@bitsathy.ac.in			9486417478			
7	Fruit candies	Product Innovation	Non-Technological / Social / Community Innovation	Functional Foods and Nutraceuticals	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Gowrishankar L		Faculty			Male		gowrishankar@bitsathy.ac.in			9487419225			
Name		Type			Gender		Email			Contact			
Gowtham Raj G		Faculty			Male		gowthamraj@bitsathy.ac.in			9486135674			
Balakrishnaraja R		Faculty			Male		balakrishnarajar@bitsathy.ac.in			9488570421			

8	Stress Bar	Product Innovation	Non-Technological / Social / Community Innovation	Functional Foods And Nutraceuticals	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Gowrishankar L	Faculty	Male	gowrishankar@bitsathy.ac.in	9487419225

Name	Type	Gender	Email	Contact
Gowtham Raj G	Faculty	Male	gowthamraj@bitsathy.ac.in	9486135674
Balakrishnaraja R	Faculty	Male	balakrishnarajar@bitsathy.ac.in	9488570421

9	Digital Stethoscope	Product Innovation	Technological	Embedded Systems Lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No	Amount Received in Rs. 10000
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Name	Type	Gender	Email	Contact
M.Kalimuthu	Faculty	Male	kalimuthu@bitsathy.ac.in	7904979934

Name	Type	Gender	Email	Contact
Ranjith	Student	Male	ranjith.ei19@bitsathy.ac.in	9566708726

10	Thermoelectric Cooling Box	Product Innovation	Technological	Embedded Systems Lab	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email			Contact			
M.Kalimuthu		Faculty			Male		kalimuthu@bitsathy.ac.in			7904979934			
Name		Type			Gender		Email			Contact			
Mohammed Al Rasheed		Student			Male		mohammedalrashid@bitsathy.ac.in			8220916507			
11	AI Janitor	Product Innovation	Technological	Vision Engineering lab	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
G.Suresh		Faculty			Male		sureshg@bitsathy.ac.in			6379472299			
Name		Type			Gender		Email			Contact			
R.Santhiya		Student			Female		santhiya.es19@bitsathy.ac.in			6383735825			

12	Smart Handwash	Product Innovation	Technological		Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	smart india hackathon	No	45000	No	No
									Agency Type	Govt. Agency (Central)		Grant Amount in Rs		
									Award / Position / Recognition Secured	first				

Name	Type	Gender	Email	Contact
KISHORE KUMAR KJ	Student	Male	kishorekumar.ec18@bitsathy.ac.in	8098303180

Name	Type	Gender	Email	Contact
hemangmurugan	Student	Male	hemangmurugan.cs18@bitsathy.ac.in	7708055882

13	Saline care	Product Innovation	Technological		Student	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Ragul raja	Student	Male	rahulraja.cs18@bitsathy.ac.in	8122579441

Name	Type	Gender	Email	Contact
naveen kumar KR	Student	Male	naveenkumar.cs18@bitsathy.ac.in	8122579441

14	Smart inhaler	Product Innovation	Technological		Staff	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 Completed	No	No	3000	No	No
Grant Amount in Rs													
Name					Type			Gender		Email			Contact
soundharrajan M					Faculty			Male		soundhar.eee97@gmail.com			8344029091
15	RFID based Temperature Measurement device	Product Innovation	Technological	Internet of Things Lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name					Type			Gender		Email			Contact
S.Tamilselvan					Faculty			Male		tamilselvans@bitsathy.ac.in			8012443399
Name					Type			Gender		Email			Contact
Mr.R.Ramesh					Staff			Male		rameshravi20597@gmail.com			9080412231
16	Programmable Autonomous Mini Drone	Product Innovation	Technological	Unmanned Aerial Vehicle	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						
V Hariprasad		Faculty		Male		hariprasadv@bitsathy.ac.in		7708379759						
17	Smart air cooler	Product Innovation	Technological	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name smart india hackathon	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured first	No	Grant Amount in Rs 12000	No	No
Name		Type		Gender		Email		Contact						
rajith karna		Student		Male		rajithkarna.me16@bitsathy.ac.in		6380105023						
18	Smart water management	Product Innovation	Technological	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name smart india hackathon	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured first	No	Grant Amount in Rs 30000	No	No
Name		Type		Gender		Email		Contact						
senthil prabu		Student		Male		senthilprabu.ec18@bitsathy.ac.in		9952493422						

19	Green Weathering Tiles	Product Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.B.Soundara	Faculty	Female	soundara@bitsathy.ac.in	9790953181

Name	Type	Gender	Email	Contact
V.Jayanthi	Faculty	Female	jayanthiv@bitsathy.ac.in	6381445618

20	BIT Ranger	Product Innovation	Technological	Robotics and Automation Lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr P Senthilkumar	Faculty	Male	senthilkumarp@bitsathy.ac.in	7373562428

Name	Type	Gender	Email	Contact
K. Roobini	Staff	Female	roobini.ia19@bitsathy.ac.in	8778690009

21	Emergency Lamp with Power Bank	Product Innovation	Technological	Energy Storage and Conversion lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
V. Vaideeswaran		Faculty			Male		vaideeswaran@bitsathy.ac.in			8883039823			
Name		Type			Gender		Email			Contact			
S. Sasikaran		Staff			Male		sasikaranselvaraj@gmail.com			9715530825			
22	A Device For Optical Filtering Action Through Hydrogen Bonded Liquid Crystals	Product Innovation	Technological	Liquid Crystal Research Laboratory	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr M L N Madhu Mohan		Faculty			Male		lakshminarayanammohan@bitsathy.ac.in			9442437480			
Name		Type			Gender		Email			Contact			
"Dr N Pongali Sathya Prabu"		Faculty			Male		pongalispn@bitsathy.ac.in			9488108082			

23	Automatic Dispenser	Product Innovation	Technological	Electrical Product Development Lab	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	Grant Amount in Rs 16000	No	No
Name		Type			Gender		Email		Contact				
S.Sathishkumar		Faculty			Male		sathishkumars@gmail.com		9942130500				
Name		Type			Gender		Email		Contact				
Dr.S.Veerakumar		Faculty			Male		veerakumars@bitsathy.ac.in		9865255732				
24	Digital Satdiometer	Product Innovation	Technological	Drives and Actuators lab	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2500	No	No
Name		Type			Gender		Email		Contact				
Mr.K.V.Santhosh Kumar		Faculty			Male		santhoshkumar@bitsathy.ac.in		9443307997				
25	Timer Scket	Product Innovation	Technological	Electrical Product Development Lab	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	Grant Amount in Rs 4000	No	No
Name		Type			Gender		Email		Contact				
Dr.S.Veerakumar		Faculty			Male		veerakumars@bitsathy.ac.in		9865255732				

Name		Type							Gender		Email		Contact	
Mr.S.Sathishkumar		Faculty							Male		sathishkumars@bitsathy.ac.in		9942130500	
26	BITConnex	Product Innovation	Technological	Electrical Product Development Lab	Student-Faculty	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	Grant Amount in Rs	22000	No	No
	Name		Type							Gender		Email		Contact
	Dr.S.Veerakumar		Faculty							Male		veerakumas@bitsathy.ac.in		9865255732
	Name		Type							Gender		Email		Contact
	Mr.S.sathishkumar		Faculty							Male		sathishkumars@bitsathy.ac.in		9942130500
Mr.M.Chandru		Student							Male		chandrum.beee@bitsathy.ac.in		9942130500	
27	RGB LED Tube	Product Innovation	Technological	Electrical Product Development Lab	Student-Faculty	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	Grant Amount in Rs	4000	No	No
	Name		Type							Gender		Email		Contact
	Dr.S.Veerakumar		Faculty							Male		veerakumas@bitsathy.ac.in		9865255732
	Name		Type							Gender		Email		Contact
Mr.K.Yukesh kanna		Student							Male		yukesh21@gmail.com		7845399927	

28	Rescue Bot for water bodies	Product Innovation	Technological	Unmanned Underwater Vehicle Lab	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 83587	No	No
Name		Type			Gender		Email		Contact				
SELVAMUTHUKUMARAN D		Faculty			Male		selvamuthukumar@bitsathy.ac.in		8883751282				
Name		Type			Gender		Email		Contact				
Yuvanshankar KA		Student			Male		yuvanshankar.me17@bitsathy.ac.in		9629280816				

29	Remotely operated floating waste collector for water bodies	Product Innovation	Technological	Unmanned Underwater Vehicle Lab	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name MHRD	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Winner in SIH 2019	No	Grant Amount in Rs 70000	No	No
Name		Type			Gender		Email		Contact						
Selvamuthukumar D		Faculty			Male		selvamuthukumar@bitsathy.ac.in		8883751282						
Name		Type			Gender		Email		Contact						
Subasree SR		Student			Female		subasree.me17@bitsathy.ac.in		9597215988						
Vignesh R		Student			Male		vigneshs.me17@gmail.com		7402037206						

30	Remotely Operated Underwater Vehicle	Product Innovation	Technological	Unmanned Underwater Vehicle Lab	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name	IEEE OES Singapore	No	Grant Amount in Rs	195500	No	No																																																						
									Agency Type	International Agencies																																																											
									Award / Position / Recognition Secured	SAUVC 2019 - Level 1 cleared																																																											
<table border="1"> <thead> <tr> <th colspan="2">Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">Selvamuthukumar D</td> <td>Faculty</td> <td>Male</td> <td>selvamuthukumar@bitsathy.ac.in</td> <td>8883751282</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">Yuvanshankar KA</td> <td>Student</td> <td>Male</td> <td>yuvanshankar.me17@bitsathy.ac.in</td> <td>9629280816</td> </tr> <tr> <td colspan="2">Thiyaneswar G</td> <td>Student</td> <td>Male</td> <td>thiyaneswar.me17@bitsathy.ac.in</td> <td>9894771950</td> </tr> <tr> <td colspan="2">Sudhakar K</td> <td>Student</td> <td>Male</td> <td>sudhakar.me17@bitsathy.ac.in</td> <td>9442819020</td> </tr> <tr> <td colspan="2">Abarna A</td> <td>Student</td> <td>Female</td> <td>abarna.ec17@bitsathy.ac.in</td> <td>8754345498</td> </tr> <tr> <td colspan="2">Sriram N</td> <td>Student</td> <td>Male</td> <td>sriramn.me17@bitsathy.ac.in</td> <td>9500510863</td> </tr> <tr> <td colspan="2">Dhanayanandhan C</td> <td>-</td> <td>Male</td> <td>dhayanandhan.me16@bitsathy.ac.in</td> <td>9524395497</td> </tr> </tbody> </table>																Name		Type	Gender	Email	Contact	Selvamuthukumar D		Faculty	Male	selvamuthukumar@bitsathy.ac.in	8883751282	Name		Type	Gender	Email	Contact	Yuvanshankar KA		Student	Male	yuvanshankar.me17@bitsathy.ac.in	9629280816	Thiyaneswar G		Student	Male	thiyaneswar.me17@bitsathy.ac.in	9894771950	Sudhakar K		Student	Male	sudhakar.me17@bitsathy.ac.in	9442819020	Abarna A		Student	Female	abarna.ec17@bitsathy.ac.in	8754345498	Sriram N		Student	Male	sriramn.me17@bitsathy.ac.in	9500510863	Dhanayanandhan C		-	Male	dhayanandhan.me16@bitsathy.ac.in	9524395497
Name		Type	Gender	Email	Contact																																																																
Selvamuthukumar D		Faculty	Male	selvamuthukumar@bitsathy.ac.in	8883751282																																																																
Name		Type	Gender	Email	Contact																																																																
Yuvanshankar KA		Student	Male	yuvanshankar.me17@bitsathy.ac.in	9629280816																																																																
Thiyaneswar G		Student	Male	thiyaneswar.me17@bitsathy.ac.in	9894771950																																																																
Sudhakar K		Student	Male	sudhakar.me17@bitsathy.ac.in	9442819020																																																																
Abarna A		Student	Female	abarna.ec17@bitsathy.ac.in	8754345498																																																																
Sriram N		Student	Male	sriramn.me17@bitsathy.ac.in	9500510863																																																																
Dhanayanandhan C		-	Male	dhayanandhan.me16@bitsathy.ac.in	9524395497																																																																
31	IOT Based sewage gas toxic detector	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	IIT Gandhinagar	No	Grant Amount in Rs	13300	No	Amount Received in Rs.																																																						
									Agency Type	Educational Institute																																																											
									Award / Position / Recognition Secured	First Position																																																											
<table border="1"> <tbody> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>10000</td> </tr> </tbody> </table>																					10000																																																
					10000																																																																

Name	Type	Gender	Email	Contact
Vivek Kumar P	Faculty	Male	vivekkumar@bitsathy.ac.in	9962905901

Name	Type	Gender	Email	Contact
Nithin Mowshik A	Student	Male	nithinmowshik.me18@bitsathy.ac.in	6374236463
Meyyappan M	Student	Male	meyyappan.me18@bitsathy.ac.in	6381319990
Kowtham M	Student	Male	kowtham.me18@bitsathy.ac.in	82488295293
Sumeka A	Student	Female	sumeka.it19@bitsathy.ac.in	9025638101
Mathu Nega G	Student	Female	mathunega.it19@bitsathy.ac.in	9786295293
Kiruba Nandhini T	Student	Female	kirubanandhini.it19@bitsathy.ac.in	6380326981

32	Solar panel cleaner	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	Agency Name IIT Tirupati	No	24000	No	6000
									Agency Type Educational Institute		Grant Amount in Rs		Amount Received in Rs.
									Award / Position / Recognition Secured First Position for Startup idea presentation				

Name	Type	Gender	Email	Contact
Vivek Kumar P	Faculty	Male	vivekkumar@bitsathy.ac.in	9003159788

Name	Type	Gender	Email	Contact
Janarthanam A	Student	Male	janarthanam.me18@bitsathy.ac.in	8825453254
Jayaprakash D	Student	Male	jayaprakash.me18@bitsathy.ac.in	7871364161
Jenin joseph A	Student	Male	jeninjoseph.me18@bitsathy.ac.in	9677631549
Kanagaraj E	Student	Male	kanagaraj.me18@bitsathy.ac.in	6369078148
Karthikeyan S	Student	Male	karthikeyan.me18@bitsathy.ac.in	6369139304

33	WAAM	Product Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 240000	No	No
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Name	Type	Gender	Email	Contact
Vivek Kumar P	Staff	Male	vivekkumar@bitsathy.ac.in	9003159788

Name	Type	Gender	Email	Contact
Kannan S	Student	Male	kannan.me17@bitsathy.ac.in	9942731120
Thilak M	Student	Male	thilak.me17@bitsathy.ac.in	9566465135
Kavin Y	Student	Male	kavin.me17@bitsathy.ac.in	9486231174

34	Insulated gas stove pot stand	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Vivek kumar P	Faculty	Male	vivekkumar@bitsathy.ac.in	9003159788

Name	Type	Gender	Email	Contact
Prekesh S	Student	Male	prekesh.me17@bitsathy.ac.in	9443987444
Jayaprakash S	Student	Male	jayaprakash.me17@bitsathy.ac.in	9655286933
Viswa M	Student	Male	viswa.me17@bitsathy.ac.in	9751751927
Subash Chandira Bose A	Student	Male	subashchandirabose.me17@bitsathy.ac.in	9486736432
Sri Vishnu A	Student	Male	srivishnu.me17@bitsathy.ac.in	8838792394
Vijay K	Student	Male	vijay.me17@bitsathy.ac.in	8903170289

35	Laser engraver setup	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 84300	No	No
Name		Type			Gender		Email			Contact			
Vivek Kumar P		Faculty			Male		vivekkumar@bitsathy.ac.in			9003159788			
Name		Type			Gender		Email			Contact			
Ramesh D		Student			Male		ramesh.me16@bitsathy.ac.in			8675219745			
36	Motorized Shutter Lifter	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 6500	No	No
Name		Type			Gender		Email			Contact			
Vivek Kumar P		Faculty			Male		vivekkumar@bitsathy.ac.in			9003159788			
Name		Type			Gender		Email			Contact			
Mohamed Irsath M		Staff			Male		mohamedirsath9945@gmail.com			9445787643			
Sanjay R		Student			Male		sanjay.me19@bitsathy.ac.in			7904077678			
Jayaram R		Student			Male		jayaram.me19@bitsathy.ac.in			8925223430			

37	A portable rapid SARS-Cov2 RNA extraction kit coupled with in-field detection module	Product Innovation	Technological	Bioprospecting Research Laboratory	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	100000	No	No
									Agency Name	All Indian Council for Technical Education and Ministry of Human Resource and Development			
									Agency Type	Govt. Agency (Central)			
									Award / Position / Recognition Secured	FIRST PLACE			

Name	Type	Gender	Email	Contact
Rajaseetharama S	Faculty	Male	rajaseetharama@bitsathy.ac.in	9994208375

Name	Type	Gender	Email	Contact
Ms Karthika	Student	Female	karthika.bt17@bitsathy.ac.in	9600730887
Ms Abinayaa	Student	Female	abinayaa.bt17@bitsathy.ac.in	9787708973

38	Automatic Antibiotic Disc Dispenser System	Product Innovation	Technological		Student-Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	60000	No	35000
									Grant Amount in Rs				
									Amount Received in Rs.				

Name		Type		Gender		Email		Contact					
R. Sivabalakrishnan		Faculty		Male		sivabalakrishnan@bitsathy.ac.in		9842581719					
Name		Type		Gender		Email		Contact					
M.Tharunselvan		Student		Male		tharunselvan.mc16@bitsathy.ac.in		9487924487					
39	A multi-tasking hydroponic aeroponic for effective cultivation of provenders	Product Innovation	Technological	Bioprospecting Research laboratory	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 8500	No	No
Name		Type		Gender		Email		Contact					
Rajaseetharama S		Faculty		Male		rajaseetharama@bitsathy.ac.in		9994208375					
Name		Type		Gender		Email		Contact					
Sudheer Amarthiya		Student		Male		sudheeramarthiya.bt16@bitsathy.ac.in		-					
Akash		Student		Male		akash.bt16@bitsathy.ac.in		-					
Varun		Student		Male		varun.bt16@bitsathy.ac.in		-					
40	IoT based smart factory for additive manufacturing system with vision system using machine learning approach	Process Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name Delta Electronics India Pvt. Ltd.	No	Grant Amount in Rs 64900	No	No
									Agency Type Corporate / Industry Association				
									Award / Position / Recognition Secured Second				

Name	Type	Gender	Email	Contact
M. Tharunselvan	Student	Male	tharunselvan.mc16@bitsathy.ac.in	9487924487

Name	Type	Gender	Email	Contact
R.Sivabalakrishnan	Faculty	Male	sivabalakrishnan@bitsathy.ac.in	9842581719

41	IoT based DAM automation and flood monitoring system using Data analysis techniques	Product Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name Mitsubishi Electric India Pvt. Ltd.	No	Grant Amount in Rs 44240	No	No
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Name	Type	Gender	Email	Contact
P.Naveen kuamr	Student	Male	naveenkumar.mc17@bitsathy.ac.in	9965108477

Name	Type	Gender	Email	Contact
R.Sivabalakrishnan	Faculty	Male	sivabalakrishnan@bitsathy.ac.in	9842581719

42	Macrame knotted snug bags	Product Innovation	Non-Technological / Social / Community Innovation	Art and Design Laboratory	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	Agency Name	India Book of Records	No	250000	No	No
									Agency Type	Not-Govt. Agencies		Grant Amount in Rs		
									Award / Position / Recognition Secured	Record Achieved				

Name	Type	Gender	Email	Contact
Priya R	Faculty	Female	priyar@bitsathy.ac.in	9524956773

Name	Type	Gender	Email	Contact
Josephine	Student	Female	josephine.ft18@bitsathy.ac.in	7708082145

43	Military in Virtual Reality	Service Innovation	Technological	Augmented Reality and Virtual Reality	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name	Coimbatore Science and Technology	No	No	No	No
									Agency Type	Educational Institute				
									Award / Position / Recognition Secured	2nd place				

Name	Type	Gender	Email	Contact
R. Danush	Student	Male	danush.cs16@bitsathy.ac.in	8489521041

Name	Type	Gender	Email	Contact
M. Rajalakshmi	Student	Female	rajalakshmi.it17@bitsathy.ac.in	9123599596

44	Visible tool for blind people	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	External to the Institute/Incubatee	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	Amount Received in Rs. 2500
Name		Type			Gender		Email			Contact			
Santhiya Rajan		Incubatee Entrepreneur			Female		sureshg@bitsathy.ac.in			6379472299			
Name		Type			Gender		Email			Contact			
Suresh Gunasekaran		Incubatee Entrepreneur			Male		sureshg@bitsathy.ac.in			6379472299			
45	Design & Development of Multi usage Backpack	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	External to the Institute/Incubatee	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	Yes	No	No	Amount Received in Rs. 1000
Name		Type			Gender		Email			Contact			
Mr Vishnu Bharathi		Incubatee Entrepreneur			Male		vishnukrishvkm@gmail.com			9489482359			
46	Multi material water container (for post water purifier / RO usage unit)	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	External to the Institute/Incubatee	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	Yes	No	No	Amount Received in Rs. 2000
Name		Type			Gender		Email			Contact			
Mr K Manikandan		Incubatee Entrepreneur			Male		anmmanni@gmail.com			7708258489			

47	Consultant and service providers for new prototype/ product design and Development	Service Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	Yes	No	No	Amount Received in Rs.	1000	
Name		Type			Gender		Email			Contact					
Mr P Kavın		Student			Male		P.KAVIN13205074@gmail.com			9597996542					
48	Manufacturing of Herbal soap	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	Yes	No	No	Amount Received in Rs.	5000	
Name		Type			Gender		Email			Contact					
Ms S Karthikeyani		Incubatee Entrepreneur			Female		karthikeyanisanthosh07@gmail.com			7708885539					
49	Novel multi-millet wafer rich in nutrients will be made for commercial application	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs	133000	No	Amount Received in Rs.	5000

Name		Type							Gender			Email		Contact	
Mr. R. KALAIVANI		Student							Female			kalaivani.ag16@bitsathy.ac.in		9487726735	
50	4.0 industrial applications to start-ups & SMEs	Service Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	Amount Received in Rs.		500
Name		Type							Gender			Email		Contact	
Mr P Shanmuga Praveen		Student							Male			shanmugapraveen1997@gmail.com		7373665550	
51	Bio-active molecules incorporated to natural wax for target action	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000		Amount Received in Rs.		5000
Name		Type							Gender			Email		Contact	
Mr. K. SUDHEER AMARTHYA		Student							Male			sudheeramarthya.bt16@bitsathy.ac.in		9042999747	
52	Automated Egg hatching unit for poultry farmers	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.		100

Name		Type				Gender		Email			Contact		
Mr. M. VijayaSridhar & Team		Student				Male		cinnuvaijay@gmail.com			9787119676		
53	A Combo natural product to treat dandruff, improves hair growth and effective moisturizer	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000	No	Amount Received in Rs. 5000
Name		Type				Gender		Email			Contact		
Ms. S. SHOBICA		Student				Female		shobika.bt16@bitsathy.ac.in			9047693060		
54	Domestic plastic waste used for hydroponics hardware, typical agriculture without soil	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000	No	Amount Received in Rs. 5000
Name		Type				Gender		Email			Contact		
Mr. A. BOOPATHI RAJA		Student				Male		boopathiraja.mc15@bitsathy.ac.in			7010549545		
55	Automated efficient natural fertilizer making design implementation	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000	No	Amount Received in Rs. 7000

Name		Type				Gender		Email		Contact			
Mr. M. KANNAN		Student				Male		kannan.mc14@bitsathy.ac.in		8072372129			
56	Healthy green coffee beverage in flexible pouches/ rigid containers	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000	No	Amount Received in Rs. 5000
	Mr C V THENNARASAN		Student				Male		thennarasan.fd16@bitsathy.ac.in		9894254766		
57	Exploiting possible non-invasive glucose quantification via colour coded strips	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 133000	No	Amount Received in Rs. 5000
	Mr. S.R. EZHILLAVAN		Student				Male		ezhillavan.me14@bitsathy.ac.in		9791550691		

58	Wheat flour - palm sugar combo product to replace Maida egg combo (Multi Grain Ice Cream cup)	Product Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs	133000	No	Amount Received in Rs.	5000
Name		Type			Gender		Email			Contact					
Ms. R. RASHMITHA		Student			Female		rashmitha.fd16@bitsathy.ac.in			9025078582					
59	VR/ AR as service to customers providing essential updates IoT	Service Innovation	Technological	Bannari Amman Institute of Technology - Technology Business Incubator	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	Grant Amount in Rs	133000	No	Amount Received in Rs.	5454
Name		Type			Gender		Email			Contact					
Mr A VINITH BABU		Student			Male		vinith.cs14@bitsathy.ac.in			9884470409					
60	Litter Collector Vehicle	Product Innovation	Technological	Bannari Amman Institute of Technology	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs	143994	No	No	

Name	Type	Gender	Email	Contact
Jayakumar N	Faculty	Male	jayakumar@bitsathy.ac.in	9500561901

Name	Type	Gender	Email	Contact
NILAVARASSAN G B	Student	Male	nilavarassan.me17@bitsathy.ac.in	9842935180
PRAVEEN KUMAR S	Student	Male	praveenkumars.me17@bitsathy.ac.in	9578341470
PRASANTH N	Student	Male	prasanthn.me17@bitsathy.ac.in	9486142429
PRASANTH C	Student	Male	prasanthc.me17@bitsathy.ac.in	739104109

61	Design of microbolometer with capacitive transducer	Product Innovation	Technological	Department of Mechatronics	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 8800	No	No
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Name	Type	Gender	Email	Contact
Dr.V.Srisaran	Faculty	Male	srisaranv@bitsathy.ac.in	8344016249

62	Development of an integrated mechanism for the purpose of banana plantation	Product Innovation	Technological	Department of Mechatronics	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1750	No	No
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Name	Type	Gender	Email	Contact
Mr.S.Vignesh	Faculty	Male	vignesh@bitsathy.ac.in	9486929583

63	Device for repairing a punctured tyre tube	Product Innovation	Technological	Department of Mechatronics	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1750	No	No
Name		Type			Gender		Email		Contact				
Mr.S.Vignesh		Faculty			Male		vignesh@bitsathy.ac.in		9486929583				
64	Design and fabrication of bore hole rescue robot	Product Innovation	Technological	Department of Mechatronics	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1750	No	No
Name		Type			Gender		Email		Contact				
Mr.K.Yuvaraj		Faculty			Male		yuvarajk@bitsathy.ac.in		9600844543				
65	Modified automatic antibiotic sensitivity disc dispenser includes	Product Innovation	Technological	Department of Mechatronics	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1750	No	No
Name		Type			Gender		Email		Contact				
Mr.R.Sivabalakrishnan		Faculty			Male		sivabalakrishnan@bitsathy.ac.in		9688539147				

66	Cassava disease classification	Product Innovation	Technological	Data Science Lab	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name					Type			Gender		Email			Contact
Mammam Mythien K.S.Prasanth					Student			Male		mamanmythien.cs17@bitsathy.ac.in			8838337932
67	Face detection system	Process Innovation	Technological	Data Science Lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name					Type			Gender		Email			Contact
Sanjay.R					Student			Male		sanjayr.cs18@bitsathy.ac.in			6369174446
68	Smart Water Monitoring System	Process Innovation	Technological	Data Science Lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name					Type			Gender		Email			Contact
Prasanth.K.S					Student			Male		prasanthks.cs17@bitsathy.ac.in			8525900818

69	Wild Animals Classification	Process Innovation	Technological	Data Science Lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Reena Devi		Student			Female		REENADEVI.CS17@bitsathy.ac.in			9865185181			
70	Similar Face detection	Process Innovation	Technological	Data Science Lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Thiyagarajan.R		Student			Male		Thiyagarajan.cs17@bitsathy.ac.in			9080585161			
71	Wealth Out of Waste	Service Innovation	Technological	Mobile & Web App Development Lab	Staff	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr.S.Sundaramurthy		Faculty			Male		sundaramurthys@bitsathy.ac.in			9942999966			
Name		Type			Gender		Email			Contact			
Mr.E.Bharathraj		Staff			Male		ebraj1996@gmail.com			9095038910			

72	Traceability	Product Innovation	Technological	Mobile & Web App Development Lab	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	230000
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Name	Type	Gender	Email	Contact
Dr.S.Sundaramurthy	Faculty	Male	sundaramurthys@bitsathy.ac.in	9942999966

Name	Type	Gender	Email	Contact
Mr.E.Bharathraj	Staff	Male	ebraj1996@gmail.com	9095038910
Mr.G.Tharunghanaselva	Staff	Male	tharunbca36@gmail.com	9159755961
Mr.M.Ragavan	Staff	Male	ragavm13@gmail.com	7358912581

73	Light Monitoring	Product Innovation	Technological	Mobile & Web App Development Lab	Staff	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	195000
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Name	Type	Gender	Email	Contact
Mr.M.Ragavan	Staff	Male	ragavm13@gmail.com	7358912581

74	Scheduler	Product Innovation	Technological	Mobile & Web App Development Lab	Staff	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	35000
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Name	Type	Gender	Email	Contact
Mr.G.Tharungnanaselva	Staff	Male	tharunbca36@gmail.com	9159755961

Name	Type	Gender	Email	Contact
Mr.E.Bharathraj	Staff	Male	ebraj1996@gmail.com	9095038910

75	Poultry Assist	Service Innovation	Technological	Mobile & Web App Development Lab	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.S.Sundaramurthy	Faculty	Male	sundaramurthys@bitsathy.ac.in	9942999966

Name	Type	Gender	Email	Contact
Mr.E.Bharathraj	Staff	Male	ebraj1996@gmail.com	9095038910

76	Formalin Detection in Fish	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4190	No	No
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Name	Type	Gender	Email	Contact
Dr.V.T.Balamurugan	Faculty	Male	balamurugan@bitsathy.ac.in	9500676270

Name	Type	Gender	Email	Contact
Dr.P.Pachamuthu	Faculty	Male	pachamuthu@bitsathy.ac.in	9944072620
Ms.J.Haritha	Faculty	Female	haritha@bitsathy.ac.in	9489221678
Mr.R.Arun Chendhuran	Faculty	Male	arunchendhuran@bitsathy.ac.in	9789096585

77	Alerting Heavily loaded Truck	Product Innovation	Technological		Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 10800	No	No
Name		Type			Gender		Email		Contact				
Mr.C.Raju		Faculty			Male		raju@bitsathy.ac.in		9952595618				
Name		Type			Gender		Email		Contact				
Dr.M.Leeban Moses		Faculty			Male		leebanmoses@bitsathy.ac.in		9789576702				
78	Cloud Infrastructure Establishment	Service Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed		No	Grant Amount in Rs 20000	No	Amount Received in Rs. 50000
Name		Type			Gender		Email		Contact				
Mr.N.Nataraj		Faculty			Male		nataraj@bitsathy.ac.in		9715114848				

79	COVID 19 Social Distance Monitoring	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type			Gender		Email			Contact				
P PURUSOTHAMAN		Faculty			Male		purusothaman@bitsathy.ac.in			9952013214				
Name		Type			Gender		Email			Contact				
JOE RAHUL S		Student			Male		joerahul.cs17@bitsathy.ac.in			9597819678				
80	Electric Solar vehicle	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name	ISIE	No	390000	No	100000
Name		Type			Gender		Email			Contact				
K N KARTHICK		Faculty			Male		karthickkn@bitsathy.ac.in			9952272735				
							Grant Amount in Rs			Amount Received in Rs.				

81	Development of Portable Multi-Purpose Computer Numerical Controlled Machine to Cater the Needs of SMEs and Tribal Community	Product Innovation	Technological	MICRO PROTO TYPING LAB	Student-Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	63090	No	No
Grant Amount in Rs													
Name		Type			Gender			Email			Contact		
Dr SENTHIL KUMAR K L		Faculty			Male			senthilkumarkl@bitsathy.ac.in			9443398857		
Name		Type			Gender			Email			Contact		
Dr MEGALINGAM @ MURUGAN A		Faculty			Male			megalingama@bitsathy.ac.in			9659662596		
JAIKRISHNAMOORTHY A B		Student			Male			jaikrishnamoorthi.ia19@bitsathy.ac.in			7824928019		
82	Additive Manufacturing of Electronics	Product Innovation	Technological	MICRO PROTO TYPING LAB	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	175660	No	No
Grant Amount in Rs													
Name		Type			Gender			Email			Contact		
Mr DHINESH S K		Faculty			Male			DHINESHSHK@bitsathy.ac.in			8668173415		
Name		Type			Gender			Email			Contact		
Mr RAGHUNATH		Faculty			Male			raghunath@bitsathy.ac.in			9566357006		

83	FDM Type Delta 3D Printer	Product Innovation	Technological	MICRO PROTO TYPING LAB	Student	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 60000	No	No
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Name	Type	Gender	Email	Contact
Mr DHINESH S K	Faculty	Male	DHINESHSHK@bitsathy.ac.in	8668173415

Name	Type	Gender	Email	Contact
SARAN V	Student	Male	saran.mc17@bitsathy.ac.in	8903970470

84	Cartesian Type FDM 3D Printer	Product Innovation	Technological	MICRO PROTO TYPING LAB	Student-Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Mr DHINESH S K	Faculty	Male	DHINESHSHK@bitsathy.ac.in	8668173415

Name	Type	Gender	Email	Contact
SARAN V	Student	Male	saran.mc17@bitsathy.ac.in	8903970470

85	Off road racing vehicle	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name FM AE - Fraternity of mechanical and automotive engineers	Agency Type Not-Govt. Agencies	Award / Position / Recognition Secured 1 st in hill climb, 1 in acceleration, 2 in sales plan presentation, 2 in maneuverability	No	Grant Amount in Rs 1216500	No	No
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Name	Type	Gender	Email	Contact
Mr Karthick K N	Faculty	Male	karthickkn@bitsathy.ac.in	9952272735

Name	Type	Gender	Email	Contact
D Dinesh kumar	Faculty	Male	dineshd@bitsathy.ac.in	9787771288
jaya harihara pranav	Student	Male	jayaharipranav.me17@bitsathy.ac.in	9629966699

86	Electric high range 3 wheel vechile	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 390000	No	No
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Name	Type	Gender	Email	Contact
Mr Karthick K N	Faculty	Male	karthickkn@bitsathy.ac.in	9952272735

Name	Type	Gender	Email	Contact
P Vivek kumar	Faculty	Male	vivekkumarp@bitsathy.ac.in	9003159788

87	Solar electric vechile	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Imperial society of innovative engineers	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured Future award	No	Grant Amount in Rs 200000	No	No
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Name	Type	Gender	Email	Contact
Karthick K N	Faculty and Student	Male	karthickkn@bitsathy.ac.in	9952272735

Name	Type	Gender	Email	Contact
Rishi	Student	Male	rishi.me17@bitsathy.ac.in	9488069248

88	Ergonomic reverse trike	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 138000	No	No
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Name	Type	Gender	Email	Contact
karthick kn	Faculty	Male	karthickkn@bitsathy.ac.in	9952272735

89	Electric bike	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Imperial society of innovative engineers	No	Grant Amount in Rs 94000	No	No
									Agency Type Corporate / Industry Association				
									Award / Position / Recognition Secured future award				

Name	Type	Gender	Email	Contact
karthick kn	Faculty	Male	karthickkn@bitsathy.ac.in	9952272735

90	Electric scooty	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	Society of Automotive engineers	No	No	No	No
									Agency Type	Corporate / Industry Association				
									Award / Position / Recognition Secured	Best innovation award				

Name	Type	Gender	Email	Contact
Mr Sundaramahalingam A	Faculty	Male	sundaramahalingama@bitsathy.ac.in	9952272735

91	Hybrid reverse trike (human powered + electric)	Product Innovation	Non-Technological / Social / Community Innovation		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	Society of Automotive engineers	No	332861	No	No
									Agency Type	Corporate / Industry Association		Grant Amount in Rs		
									Award / Position / Recognition Secured	AIR 10				

Name	Type	Gender	Email	Contact
K N Karthick	Student	Male	karthickkn@bitsathy.ac.in	9952272735

Name		Type		Gender		Email		Contact						
Vivek kumar P		Faculty		Male		vivekkumarp@bitsathy.ac.in		9003159788						
92	Gokart electric	Product Innovation	Technological	Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Imperial society of innovative engineers	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured AIR 1 over all championships prize 90000	Yes	Grant Amount in Rs 98990	No	No
Name		Type		Gender		Email		Contact						
K N karthick		Faculty and Student		Male		karthickkn@bitsathy.ac.in		9952272735						
Name		Type		Gender		Email		Contact						
Tamail Arasu		Faculty and Student		Male		tamilarasan@bitsathy.ac.in		9842965840						
93	Unmanned system technologies for events at College/university level	Product Innovation	Technological	Mobile & Web App Development Lab	Staff	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs. 35000	
Name		Type		Gender		Email		Contact						
Mr.E.Bharathraj		Staff		Male		ebraj12996@gmail.com		9095038910						

Name	Type	Gender	Email	Contact
Mr.G.Tharungnanselva	Staff	Male	tharunbca36@gmail.com	9159755961

94	Agti tractor	Product Innovation	Technological		Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>Society of Automotive engineers</td> </tr> <tr> <td>Agency Type</td> <td>Corporate / Industry Association</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>First in Durability, third in maneuverability</td> </tr> </table>	Agency Name	Society of Automotive engineers	Agency Type	Corporate / Industry Association	Award / Position / Recognition Secured	First in Durability, third in maneuverability	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>451130</td> </tr> </table>	Grant Amount in Rs	451130	No	No
Agency Name	Society of Automotive engineers																				
Agency Type	Corporate / Industry Association																				
Award / Position / Recognition Secured	First in Durability, third in maneuverability																				
Grant Amount in Rs	451130																				

Name	Type	Gender	Email	Contact
Vivek kumar P	Faculty and Student	Male	vivekkumarp@bitsathy.ac.in	9003159788

Name	Type	Gender	Email	Contact
Ramesh kumar	Student	Male	rameshkumar.me16@bitsathy.ac.in	9025851184

95	Offroad sports buggy	Product Innovation	Technological		Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Society of Automotive Engineers	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured Gurudronacharya award, firsa t in rock carvel	No	Grant Amount in Rs 427000	No	No
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Name	Type	Gender	Email	Contact
Mr Tamaralarasan V D	Faculty and Student	Male	tamaralarasan@bitsathy.ac.in	9942369090

96	Formula racing vehicle	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Dropped	Agency Name FM AE - Fraternity of mechanical and automotive engineers	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured over all 3	No	Grant Amount in Rs 1386900	No	No
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Name	Type	Gender	Email	Contact
Mr Sundaramahalingam A	Faculty and Student	Male	sundaramahalingama@bitsathy.ac.in	9942369090

Name	Type	Gender	Email	Contact
Jaya harihara pranav	Faculty and Student	Male	jayahariharapranav.me17@bitsathy.ac.in	9629966699

97	Ergonomic and foldable cycle	Product Innovation	Technological		Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	Society of Automotive Engineers	No	Grant Amount in Rs	12000	No	No
									Agency Type	Corporate / Industry Association					
									Award / Position / Recognition Secured	over all first					

Name	Type	Gender	Email	Contact
Mr Sundaramahalingam A	Faculty	Male	sundaramahalingama@bitsathy.ac.in	9942369090

Name	Type	Gender	Email	Contact
Sudharsan	Student	Male	sudharsan.me17@bitsathy.ac.in	9944098606

98	Mini humanoid robot	Product Innovation	Technological		Staff	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs	5000	No	No
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Name	Type	Gender	Email	Contact
Nandakumar	Faculty	Male	nandakumar@bitsathy.ac.in	9600799158

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20																		
1	Paraclete Image labs Pvt. Ltd.	Product Innovation	Technological	272	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U72200TZ2017PTC029355	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Santhiya Rajan</td> <td>U72200TZ2017PTC029355</td> <td>Incubatee Entrepreneur</td> <td>Male</td> <td>sureshg@bitsathy.ac.in</td> <td>6379472299</td> </tr> <tr> <td>-</td> <td>-</td> <td>Faculty</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	Santhiya Rajan	U72200TZ2017PTC029355	Incubatee Entrepreneur	Male	sureshg@bitsathy.ac.in	6379472299	-	-	Faculty	-	-	-
Name	DIN number	Type	Gender	Email	Contact																										
Santhiya Rajan	U72200TZ2017PTC029355	Incubatee Entrepreneur	Male	sureshg@bitsathy.ac.in	6379472299																										
-	-	Faculty	-	-	-																										
2	KAAYNAAT	Product Innovation	Non-Technological	272	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration UAM TN03A0101982	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	No																		

Name		DIN number			Type	Gender	Email	Contact				
Mr M Vishnu Bharathi		UAM TN03A0101982			Incubatee Entrepreneur	Male	vishnukrishvkm@gmail.com	9489482359				
3	Sakthi Water Solutions	Product Innovation	Non-Technological	272	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration UAMTN07A0045526	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number			Type	Gender	Email	Contact				
Mr K Manikandan		UAMTN07A0045526			Incubatee Entrepreneur	Male	anmmmani@gmail.com	7708258489				
4	AIA Exports	Service Innovation	Non-Technological	272	Student	Venture with Corporate Identification Number (CIN) Registration TN07D0042300	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number			Type	Gender	Email	Contact				
Mr P Kavin		TN07D0042300			Student	Male	P.KAVIN13205074@gmail.com	9597996542				
5	Vismayaa House	Product Innovation	Non-Technological	272	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration UDYAM - TBN-03-4012034	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number			Type	Gender	Email	Contact				
Ms S Karthikeyani		UDYAM - TBN-03-4012034			Incubatee Entrepreneur	Female	karthikeyanisanthosh07@gmail.com	7708885539				
6	Geekstack	Service Innovation	Non-Technological	272	Student	Venture with Corporate Identification Number (CIN) Registration TN07D0022141	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number			Type	Gender	Email	Contact				
Mr. B. Vinith Babu		TN07D0022141			Student	Male	vinith.cs14@bitsathy.ac.in	9884470409				
7	Jesuans Engineering India Pvt. Ltd	Product Innovation	Technological	272	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration DIPP14410	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No

Name		DIN number		Type		Gender		Email		Contact					
Mr M Anandakumar		DIPP14410		Incubatee Entrepreneur		Male		anandakumar@jesuans.co.in		8300059931					
8	Stackno Automation (OPC) Private Limited	Product Innovation	Techno logical	4513	Student	Venture with Corporate Identification Number (CIN) Registration	U74999TN2019OPC128973	2019-20	Graduated from the Incubation unit	No	Grant Amount in Rs	5000	No	No	No
Name		DIN number		Type		Gender		Email		Contact					
Manoj kumar b		08436593		Student		Male		stacknoautomation@gmail.com		6383497008					

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Prayojana Constructions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	26-06-2019
2	ACC Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	11-06-2019
3	Vuram	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	0	28-10-2020
4	Kasthuri Machine Builders, Coimbatore	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	14-06-2020
5	Kerala Agricultural University, Thirissur	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	29-07-2020
6	Calzone Calibration Centre, Chennai	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	30-07-2020
7	Mangala Smart Energy Solutions Pvt Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	30-08-2020
8	CAD Centre Training Services	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	14-10-2020
9	Integ Circuit Technology, Bengaluru	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	8	02-11-2020
10	FMAE	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	19-12-2020
11	Automation Anywhere, Bangalore	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	31-01-2020
12	Softin Way Turbomachinery Solutions Pvt. Ltd. Bangalore	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	13-03-2020
13	Coimbatore Cotton Concepts and Designs Pvt., Ltd., Coimbatore	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	07-03-2019
14	Sunway University	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	08-03-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Antenatal care	IPRFiledPublished	201941049448	National	2019 - 12	Uploaded	Filed	No
	<p style="text-align: center;">Department/Centre Name</p> <p>Information Technology</p>							
2	Smart ambulance system	IPRFiledPublished	201941049427	National	2019 - 12	Uploaded	Filed	No
	<p style="text-align: center;">Department/Centre Name</p> <p>Information Technology</p>							
3	Fabrication of Environment Friendly Electricity Generation and Waste Heat Storage from Solid waste	IPRFiledPublished	201941024716	National	2019 - 06	Uploaded	Filed	Yes
	<p style="text-align: center;">Department/Centre Name</p> <p>Department of Mechanical</p>							
4	Method of fabricating metal matrix surface composites	IPRFiledPublished	201941030060	National	2019 - 07	Uploaded	Filed	Yes
	<p style="text-align: center;">Department/Centre Name</p> <p>Department of Mechanical</p>							
5	Replacing Plastics into Biodegradable Foam Tray From Cassava Starch Blended With Natural Fiber and Chitosan	IPRFiledPublished	201941035438	National	2019 - 09	Uploaded	Filed	Yes
	<p style="text-align: center;">Department/Centre Name</p> <p>Department of Mechanical</p>							
6	Sustainable and autonomous system for aquaculture	IPRFiledPublished	201941035433	National	2019 - 09	Uploaded	Filed	Yes
	<p style="text-align: center;">Department/Centre Name</p> <p>Department of Mechanical</p>							
7	Design and farication of All terrain staircase climber for differently abled	IPRFiledPublished	201941038045	National	2019 - 09	Uploaded	Filed	Yes

Department/Centre Name								
Department of Mechanical								
8	Design and fabrication of domestic nutrient rice mill	IPRFiledPublished	201941050780	National	2019 - 12	Uploaded	Filed	Yes
Department/Centre Name								
Department of Mechanical								
9	REDUCTION OF RANGE ANXIETY WITHIOT SYSTEM FOR ELECTRIC VEHICLES	IPRFiledPublished	201941019868	National	2019 - 05	Uploaded	Filed	No
Department/Centre Name								
EEE DEPARTMENT- BIT								

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Automatic Turmeric Dryer using Hot Air Generator	202041055470	National	2020 - 03	Uploaded
2	CHILD INFANT MONITORING SYSTEM	201941026790	National	2019 - 06	Uploaded
3	A LOW COST RADIO FREQUENCY (RF) SYSTEM AND E-PROBE FOR ANALYSING THE ELECTROMAGNETIC INTERFERENCE EMITTED BY ELECTRICAL AND ELECTRONIC DEVICES	202041025006	National	2020 - 02	Uploaded
4	DESIGN OF AUTOMATIC SUSPENSION CONTROLLER FOR PATIENT STRETCHER	202041004637	National	2020 - 02	Uploaded
5	PORTABLE HAND HELD DEVICE FOR TURMERIC GRADING BY ITS CURCUMIN CONTENT	201941041516	National	2019 - 10	Uploaded
6	Sustainable utilization of Bagasse ash for the manufacturing of Soil Reinforced Bricks	201941022886	National	2019 - 06	NA
7	METHOD FOR ANALYSIS THE STRENGTH AND BEHAVIOUR OF VERTICALLY CURVED REINFORCED CONCRTE BEAM	201941024143	National	2019 - 06	Uploaded
8	CAPACITIVE SENSING METHOD FOR SHRINKAGE MEASUREMENT IN CONCRETE	201941024144	National	2019 - 06	NA
9	COMPOSITE PROFILE DECK SLAB SYSTEM	201941029414	National	2019 - 07	Uploaded
10	METHOD AND SYSTEM FOR EARTHQUAKE RESISTANT OF STEEL STRUCTURES	201941054374	National	2019 - 12	NA
11	METHOD AND SYSTEM FOR LIGHT WEIGHT, FLOATING AND SEISMIC RESISTANT OF RCC STRUCTURES	202041005105	National	2020 - 02	Uploaded

12	Expanded Polystyrene crete - An alternative solution to sunken slab filling	202041007842	National	2020 - 02	Uploaded
13	Analysis of Effluent Treatment using Organic Absorbent (Calotropis Gigantea)	201941044321	National	2019 - 11	NA
14	A METHOD FOR MEASUREMENT OF ENVIRONMENTAL PARAMETERS USING IOT SENSOR FOR MEDICAL APPLICATIONS	201941020095	National	2019 - 05	NA
15	Microstrip Subdivided Aperture (MSA) patch antenna for measuring shielding effectiveness of Knitted cotton material	201941021923	National	2019 - 06	Uploaded
16	MEASUREMENT OF ELECTROMAGNETIC RADIATION SUPPRESSION BY TEXTILE MATERIALS USING MICROSTRIP SLOT ANTENNA	201941022093	National	2019 - 06	NA
17	A METHOD FOR ENHANCEMENT OF FEATURES IN X-RAY IMAGE USING BAYESIAN CONCEPTS FOR SMART FRACTURE DETECTION	201941035026	National	2019 - 08	Uploaded
18	I BOT Book Fetching Robot	201941037442	National	2019 - 09	Uploaded
19	N-SILICO ANALYSIS OF INHIBITORY ACTION OF BETA SITOSTEROL FROM PLANT SOURCE AGAINST PHOSPHOLIPASE A2 IN SNAKE VENOM	201941051524	National	2019 - 12	Uploaded
20	TOMATO SAUCE ENRICHED WITH ANCHOVY FISH AND A PROCESS FOR PREPARING THE SAME	202041011432	National	2020 - 03	Uploaded
21	Method of producing sugar infused edible fruit product	202041016846	National	2020 - 03	Uploaded
22	Methods of Preparation of Plant Energy Drink	202041010844	National	2020 - 03	NA
23	Instant carbonated graviola fruit beverage powder and a process for preparing the same	201941036943	National	2019 - 09	Uploaded
24	Hydrogen Bonded Liquid Crystal With Antibacterial Activity	201941026961	National	2019 - 07	Uploaded
25	INTERESTING OBSERVATION OF INDUCED THERMOCHROMISM IN POLYMESOMORPHIC HYDROGEN BONDED FERROELECTRIC LIQUID CRYSTALS	201941036370	National	2019 - 09	Uploaded
26	IMPLEMENTATION OF STABLE BAND PASS FILTER AT ROOM TEMPERATURE IN G-Hz REGION USING FERROELECTRIC LIQUID CRYSTAL	201941046393	National	2019 - 10	NA
27	Fabrication of humidity sensor based on novel conjugated copolymer	202041001479	National	2020 - 01	Uploaded
28	REALIZATION OF THERMISTOR FROM THERMOTROPIC HYDROGEN BONDED LIQUID CRYSTAL	202041010625	National	2020 - 03	Uploaded
29	ON/OFF Switching response of photo diodes based on different transition metals doped molybdenum trioxide (MoO3)	202041010134	National	2020 - 03	Uploaded
30	Smarter remote for smartest home security system using IOT	201941049650	National	2019 - 12	Uploaded

31	Sustainable vehicle tracking system for dead zone using Internet of Things	201941023432	National	2019 - 06	Uploaded
32	Automatic Recognition of chronological age using BAA and DAA	201941052546	National	2019 - 12	Uploaded
33	INGENIOUS HIDDEN CAMERA DETECTION DEVICE	201941047541	National	2019 - 11	Uploaded
34	An Accident identification information system for highways	201941045037	National	2019 - 11	Uploaded
35	Smart System for expiry date management	201941033115	National	2019 - 08	Uploaded
36	A Smart Hybrid Security System Based on Multimodal Biometrics	201941053915	National	2019 - 12	Uploaded
37	Self-Regulating Pet Feed Dispenser Device	202041003895	National	2020 - 01	Uploaded
38	Accident Prevention System for Hairpin Bend Zone	201941054453	National	2019 - 12	Uploaded
39	Battery charging for electric vehicle	201941025381	National	2019 - 06	Uploaded
40	A device and Method for Leakage current reduction in Solar Photovoltaic Powered Electric Vehicle charge	201941036216	National	2019 - 08	Uploaded
41	REAL TIME VIDEO TRANSCODING USING VIRTUAL MACHINE SCHEDULING IN HETEROGENEOUS CLUSTER ENVIRONMENT	202041001447	National	2020 - 01	Uploaded
42	FOWL FEND (Deterrent System for Birds)	201941046925	National	2019 - 11	Uploaded
43	HYBRID METHOD FOR DETECTING THE CHRONOLOGICAL AGE OF HUMANS	202041005008	National	2020 - 02	Uploaded
44	Movable ceiling fan mechanism	201941046802	National	2019 - 11	Uploaded
45	IOT based bicycle accessing system using RFID sensor	202041003725	National	2019 - 11	Uploaded
46	DEVELOPMENT OF SMART POLE FOR VISUALLY IMPAIRED PEOPLE USING EMBODIED COGNITION	201941022920	National	2019 - 06	Uploaded
47	Development of an integrated mechanism for the purpose of banana plantation	201941050442	National	2019 - 12	Uploaded
48	Life Saver Systems for Scavengers	201941053463	National	2019 - 12	Uploaded
49	Automated Footboard Prevention System for Passengers	202041000280	National	2020 - 01	Uploaded
50	Device for repairing a punctured tyre tube	202041000664	National	2020 - 01	Uploaded
51	Intelligent electronic proboscis	202041003052	National	2020 - 01	Uploaded
52	A compact fast acted retractable horizontal security barrier	202041007733	National	2020 - 02	Uploaded
53	Dwindle Socketed Bread Board	202041010893	National	2020 - 03	Uploaded
54	Smart Shopping cart with RFID for fast checkout	201941032315	National	2019 - 08	Uploaded
55	Smart System To Identify The Rhinoceros Beetle In The Coconut Tree	201941053941	National	2019 - 12	Uploaded

56	Vehicle Parking Reservation Service System	201941022637	National	2019 - 06	Uploaded
57	Pyrene Based Conjugates as Fluorescent Probes for Anions, Biomolecules and Bioimaging	202041003556	National	2020 - 01	Uploaded
58	4,4'-Bipyridyl linked Aluminium Phthalocyanine for Photodynamic Therapy	202041010620	National	2020 - 03	Uploaded
59	Benzimidazo quinoline based fluorescence probe for cellular imaging studies	201941030559	National	2019 - 11	Uploaded
60	IMPLEMENTATION OF TUNABLE NOTCH FILTERING ACTION IN INFRERED REGION USING LIQUID CRYSTAL AT ROOM	201941036751	National	2019 - 09	Uploaded
61	Handicapped Vehicle with wireless control and pit detection	201941045266	National	2019 - 11	Uploaded
62	Implementation of stable gain Band pass filter in infrered region using HBFLC	201941046393	National	2019 - 11	NA
63	A DEVICE FOR PERIPHERAL BLOOD FLOW MEASUREMENT USING IMPEDANCE PLETHYSMOGRAPHIC METHOD	201941046382	National	2019 - 11	NA
64	MECHANIZED ESPADRILLES FOR THE BLIND	201941049452	National	2019 - 12	Uploaded
65	A SYSTEM FOR IOT ENABLED PRECISION AGRICULTURE AND MICROCLIMATE SENSING IN DROUGHT AFFECTED AREA	201941054680	National	2019 - 12	Uploaded
66	A TECHNIQUE TO IDENTIFY PHASE TRANSITION TEMPERATURES IN THERMOTROPIC LIQUID CRYSTALS	202041003899	National	2020 - 01	Uploaded
67	COG WHEEL SHAPED SLOT ANTENNA FOR MILLIMETRE WAVE APPLICATIONS	202041007728	National	2020 - 02	Uploaded
68	REALIZATION OF THERMISTOR FROM THERMOTROPIC HYDROGEN BONDED LIQUID CRYSTAL	202041010625	National	2020 - 03	Uploaded
69	Water hyacinth non woven fabric as inner lining of a waist coat for improving thermal insulation	202041006476	National	2020 - 02	Uploaded
70	AN IMPROVED PEDESTAL FAN SYSTEM	201941048596	National	2019 - 11	Uploaded
71	A DEVICE TO COLLECT WASTE FROM ROAD SURFACE	201941054202	National	2019 - 12	Uploaded
72	COG WHEEL SHAPED SLOT ANTENNA FOR MILLIMETRE WAVE APPLICATIONS	202041007728	National	2020 - 02	Uploaded
73	INGENIOUS HIDDEN CAMERA DETECTION DEVICE	201941047541	National	2019 - 11	Uploaded
74	SELF-REGULATING PET FEED DISPENSER DEVICE	202041003895	National	2020 - 01	Uploaded
75	DEVELOPMENT OF A SECURED ROOM ACCESS SYSTEM BASED ON FACE RECOGNITION BY ARTIFICIAL INTELLIGENCE	202041001463	National	2020 - 01	Uploaded
76	IBOT Book fetching Robot	201941037442	National	2019 - 09	Uploaded

77	Capacitive Sensing Method for Shrinkage Measurement in Concrete	201941024144	National	2019 - 06	Uploaded
78	Portable Hand-held Formalin Detector for detecting Formalin adulteration	201941032742	National	2019 - 08	Uploaded
79	Water-activity meter using humidity and temperature sensor	201941032747	National	2019 - 08	Uploaded
80	Portable hand-held device for turmeric grading by its curcumin content	201941041516	National	2019 - 10	Uploaded
81	REMOTELY ASSISTED LIFE SAVING RESCUE BOT IN WATER BODIES	202041004807	National	2020 - 02	Uploaded
82	INSULATED POT STAND FOR INCREASING THE EFFICIENCY OF GAS STOVE	201941028369	National	2019 - 07	Uploaded
83	MULTIPURPOSE MINI CNC MACHINE	201941016080	National	2019 - 04	Uploaded
84	A SYSTEM FOR EXPIRY DATE MANAGEMENT FOR MEDICINES IN PHARMACIES	201941045503	National	2019 - 11	Uploaded
85	AN ONLINE AUTOMATED SYSTEM FOR VACCINATION AND IMMUNIZATION PROCESS OF PREGNANT WOMAN AND CHILD	202041003328	National	2020 - 01	Uploaded
86	Vehicle Weighing Pads	201941014845	National	2019 - 04	Uploaded
87	HAIR GROWING ANTI-DANDRUFF, SCALP CARING NANO EMULSION OIL FOR EXTERNAL USE	201941035745	National	2019 - 09	Uploaded

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

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

List the patent Published & Granted to HEI

Srno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	FORMULATION OF ALLIUM SATIVUM AND MURRAYA KOENIGII BASED PHYTOSOMAL COMPLEX FOR THE SUSTAINED RELEASE AND TREATMENT OF BREAST CANCER USING PHOSPHOLIPIDS FROM MILK	Published	IN201841001612A	2018	Approved	
2	PHOPSHOLIPID CONTAINING FUNGAL EXTRACT FOR THE TREATMENT OF ADIPOGENESIS	Published	IN201841017815A	2018	Approved	
3	HIGH PERFORMANCE COIR YARN SPINNING MACHINE	Published	IN201841004283A	2018	Approved	
4	AGGRANDIZING CORROSION AND WETTABILITY RESISTANCE OF STEEL BY SURFACE MODIFICATION	Published	IN201741037460A	2017	Approved	
5	PHOPSHOLIPID CONTAINING FUNGAL EXTRACT FOR THE TREATMENT OF ADIPOGENESIS	Published	IN201841017815A	2018	Approved	

List the patent Published & Granted to HEI

6	AGGRANDIZING CORROSION AND WETTABILITY RESISTANCE OF STEEL BY SURFACE MODIFICATION	Published	IN201741037460A	2017	Approved	
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Declaration

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

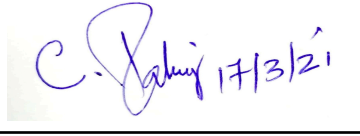
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

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

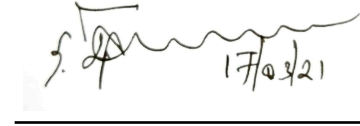
Thank you

The Head of Institute



Dr. PALANISAMY C
Head of the Institution,
Sathyamangalam, Tamil Nadu

Nodal officer



Mr. JEGADHEESWARAN S
Nodal Officer,
Sathyamangalam, Tamil Nadu