



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Rajalakshmi Engineering College Engineering & Technology) [ARI-C-16626]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Chemistry- Phycocolloid Research Lab	Research Unit / Park	Chemical Engineering, Biotechnology, Food Technology	UG / PG / PhD	Both	10	6	2
Chemistry-Phycocolloid Research Lab	Industry Institute Interface Unit	Chemical Engineering, Biotechnology, Food Technology	UG / PG / PhD	Both	10	4	2
BioTechnology-BioFilms Laboratory	Research Unit / Park	BioTechnology	UG / PG / PhD	Both	12	6	2
Mechanical engineering-Numerical Engineering and Simulation Lab	Industry Institute Interface Unit	Mechanical Engineering	UG / PG / PhD	Both	50	3	2
Civil Engineering- Sustainable Building Materials Research Lab	Research Unit / Park	Civil Engineering	UG / PG / PhD	Both	50	3	2
Prototype Development Centre -VR and AR LAB	Pre-incubation unit	Mechanical	UG / PG / PhD	Both	10	4	2
Prototype Development Centre-3D Scanning Lab,3D Printing Lab, vacuum pressure casting centre, Laser Cutting Lab	Pre-incubation unit	Mechanical	UG / PG / PhD	Both	20	4	2
Electronics and Communication Engineering - Centre of Excellence in MEMS and Microfluidics	Centre of Excellence with Advance Tools & Equipment	Electronics and Communications Engineering- Sensors, Microfluidics,	UG / PG / PhD	Both	50	15	6
Electrical and Electronics Engineering - Real Time Adaptive Control Engineering Lab (RACE)	Research Unit / Park	Electrical	UG / PG / PhD	Both	60	3	2
Aeronautical Research Lab	Research Unit / Park	Aeronautical	UG / PG / PhD	Both	20	5	2
Information Technology - Assistive Devices and Technologies Lab	Research Unit / Park	Information Technology	UG / PG / PhD	Both	10	5	3
Department of Chemistry - Chemistry Research Lab	Research Unit / Park	Chemistry, Chemical Engineering	UG / PG / PhD	Both	20	5	2
Centre of Excellence in Machine Vision	Industry Institute Interface Unit	Mechanical, Automobile Engineering	UG / PG / PhD	Both	50	4	2
Contemporary Design Studio	Pre-incubation unit	Mechanical	UG / PG / PhD	Both	10	3	2
Biotechnology	Academic Department with lab facility	Biotechnology/Technology	UG / PG / PhD	Technical	559	27	8

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Biotechnology	Research Unit / Park	Biotechnology/technology	UG / PG / PhD	Technical	32	12	8
Biotechnology	Industry Institute Interface Unit	Biotechnology / technology	UG / PG / PhD	Technical	559	27	8
Biomedical Engineering	Academic Department with lab facility	Biomedical Engineering	UG / PG / PhD	Technical	442	21	3
Biomedical Engineering	Research Unit / Park	Biomedical Engineering	UG / PG / PhD	Technical	28	3	3
Biomedical Engineering	Industry Institute Interface Unit	Biomedical Engineering	UG / PG / PhD	Technical	442	21	3
Food Technology	Academic Department with lab facility	Food technology / Processing	UG / PG / PhD	Technical	97	4	1
Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	191	9	1
Electronics and Communication Engineering	Academic Department with lab facility	Electronics& Communication , Signal processing ,Image Processing	UG / PG / PhD	Technical	853	49	12
Electronics and Communication engineering	Research Unit / Park	Electronics & Communication, Image processing & Signal processing	UG / PG / PhD	Technical	25	7	12
Training and Placement	Industry Institute Interface Unit	Engineering / Training & placement	UG / PG / PhD	Both	6200	18	10
Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and electronics/ Engineering	UG / PG / PhD	Technical	616	44	9
Electrical and Electronics Engineering	Research Unit / Park	electrical and electronics	UG / PG / PhD	Technical	22	10	9
Mechatronics engineering	Academic Department with lab facility	Automation / Engineering	UG / PG / PhD	Technical	211	12	2
Information Technology	Academic Department with lab facility	Information Technology / Engineering	UG / PG / PhD	Technical	444	33	4
Information Technology	Research Unit / Park	Information Technology	UG / PG / PhD	Technical	10	3	4
Computer science and engineering	Academic Department with lab facility	Computer science / engineering	UG / PG / PhD	Technical	1116	65	8
Computer science and engineering	Research Unit / Park	computer science / engineering	UG / PG / PhD	Technical	17	4	8
Master of Business Administration	Academic Department with lab facility	Business and Administration	UG / PG / PhD	Both	215	11	1
Humanities and Sciences	Research Unit / Park	Mathematics , Physics , Chemistry and English	UG / PG / PhD	Both	9	8	7
Mechanical Engineering	Academic Department with lab facility	Design and Thermal / Engineering	UG / PG / PhD	Technical	941	51	13
Mechanical Engineering	Research Unit / Park	Design and Thermal / Engineering	UG / PG / PhD	Technical	47	9	13
Automobile Engineering	Academic Department with lab facility	Automobile	UG / PG / PhD	Technical	210	11	4

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

Intellectual Property Rights Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering and Technology	UG / PG / PhD	Both	1000	50	8
Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	360	28	4
Aeronautical Engineering	Academic Department with lab facility	Aeronautical Engineering	UG / PG / PhD	Technical	232	12	5
Aeronautical Engineering	Industry Institute Interface Unit	Aeronautical Engineering	UG / PG / PhD	Technical	232	12	5
Automobile Engineering	Industry Institute Interface Unit	Automobile	UG / PG / PhD	Technical	210	11	4
Civil Engineering	Industry Institute Interface Unit	Civil & Construction	UG / PG / PhD	Technical	360	28	4
Chemical Engineering	Industry Institute Interface Unit	Chemical	UG / PG / PhD	Technical	191	9	1
Computer science and Engineering	Industry Institute Interface Unit	Computer science	UG / PG / PhD	Technical	1116	65	8
Electronics and Communication Engineering	Industry Institute Interface Unit	Electronics and communication	UG / PG / PhD	Technical	853	49	12
Electrical and Electronics Engineering	Industry Institute Interface Unit	Electronics and Engineering	UG / PG / PhD	Technical	616	44	9
Food Technology	Industry Institute Interface Unit	Food technology / Processing	UG / PG / PhD	Technical	97	4	1
Information Technology	Industry Institute Interface Unit	Information Technology	UG / PG / PhD	Technical	444	33	4
Mechanical Engineering	Industry Institute Interface Unit	Design and Thermal	UG / PG / PhD	Technical	941	51	13
Mechatronics Engineering	Industry Institute Interface Unit	Automation	UG / PG / PhD	Technical	211	12	2
Master of Business Administration	Industry Institute Interface Unit	Business and Administration	UG / PG / PhD	Both	215	11	1
Humanities and sciences	Academic Department with lab facility	Mathematics , English , Physics & Chemistry	UG / PG / PhD	Both	1440	67	7

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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201811401
Trained Innovation Ambassadors at HEI	No	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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	Workshop on "Innovative Experiments in OPTICS"	Innovation	Workshop	Institute Lead Activity	Biomedical Engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	300	20	0	0	320	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
2	Engineering Solution to Clinical Needs: Research and Innovation	Innovation	Seminar	Institute Lead Activity	Biomedical Engineering	20-08-2019 00:00:00	21-08-2019 00:00:00	2	Within Campus	300	20	0	0	320	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 75000	No
3	Recent Advancements in Ventilator and Emerging Market Trends	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Biomedical Engineering	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	116	10	0	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
4	Buckled Thin Films for Flexible Biosensor Development: Exploring Scientific Innovations for Sensor Designing	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Biomedical Engineering	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	215	10	0	0	225	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No

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

5	APJ ABDUL KALAM INNOVATIVE PROJECT CELL IQUEST2020	Innovation	Innovation Contest	Institute Lead Activity	Rajalakhmi Engineering College	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	3	0	0	0	3	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>APJ ABDUL KALAM INNOVATIVE PROJECT CELL IQUEST2020</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	First Runner up	Title of Innovation / Start-up Secured the Award / Recognition	APJ ABDUL KALAM INNOVATIVE PROJECT CELL IQUEST2020	Award/Recognition/Achievement Received for				
Award / Position / Recognition Secured	First Runner up																									
Title of Innovation / Start-up Secured the Award / Recognition	APJ ABDUL KALAM INNOVATIVE PROJECT CELL IQUEST2020																									
Award/Recognition/Achievement Received for																										
6	IoT workshop	Innovation	Awareness	Student Lead Activity	Computer Science and Engineering	08-05-2019 00:00:00	10-05-2019 00:00:00	3	Within Campus	25	0	0	0	25	No	No										
7	AI and Deep Learning Workshop	Innovation	Skill development	Student Lead Activity	Computer Science and Engineering	08-05-2019 00:00:00	09-05-2019 00:00:00	2	Within Campus	30	3	0	0	33	No	No										
8	Business 4.0 TM	Innovation	Training	Student Lead Activity	Computer Science and Engineering	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	0	43	0	0	43	No	No										
9	2nd International Conference on Engineering Digital Green Era	Innovation	Conference	Institute Lead Activity	Computer Science and Engineering, Information Technology, Electronics and Communication Engineering	12-03-2020 00:00:00	13-03-2020 00:00:00	2	Within Campus	340	20	10	5	375	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner Award Rs.5000, Runner-Up 3000</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Paper Presenter</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Winner Award Rs.5000, Runner-Up 3000	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Presenter	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000																									
Award / Position / Recognition Secured	Winner Award Rs.5000, Runner-Up 3000																									
Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Presenter																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
10	National Level Technical Symposium BOOTUP 20	Innovation	B-Plan Competitions	Student Lead Activity	Computer Science and Engineering	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	300	0	500	0	800	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>100000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000	No							
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000																									

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

11	HackOve rflow20	Innovation	Hackatho n	Student Lead Activity	Compu ter Science and Engineeri ng	20-02-20 20 00:00:00	21-02-20 20 00:00:00	2	Within Campus	200	0	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	80000	Award / Position / Recognition Secured	
																	Title of Innovation / Start-up Secured the Award / Recognition	Spoty Mobile Application
																	Award/Recog nition/Achieve ment Received for	
12	Artificial Intelligen ce and Deep Learning	Innovation	Skill developm ent	Student Lead Activity	Compu ter Science and Engineeri ng	09-03-20 20 00:00:00	10-03-20 20 00:00:00	2	Within Campus	10	0	0	0	10	No	No	No	
13	OPPORT UNITIES 2020	Entrepre neurship/ Startup	Awarene ss	Student Lead Activity	Compu ter Science and Engineeri ng	09-07-20 19 00:00:00	09-07-20 19 00:00:00	1	Within Campus	150	40	0	0	190	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No	
14	Design- A-Thon	Innovation	Exhibition	Student Lead Activity	Electron ics and Communi cation Engineeri ng	10-08-20 19 00:00:00	10-08-20 19 00:00:00	1	Within Campus	203	0	0	0	203	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39600	Award / Position / Recognition Secured	Winner Award Rs. 1500 Runner-Up Shield
																	Title of Innovation / Start-up Secured the Award / Recognition	Descons Most Distinguish ed Project Award. Descons Most Economical Project Award, Descons Social Impact Award, Descons Best Business Model Award, Descons Extra Mile Award, People Choice Award
																	Award/Recog nition/Achieve ment Received for	Idea/Innova tion/Prototy pe

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

15	TR(IC)2	Innovation	Exhibition	Student Lead Activity	Electronics and Communication Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	180	0	0	0	180	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
16	Engineers Day Celebration and Project EXPO	Entrepreneurship/Start-up	Innovation Contest	Student Lead Activity	Computer Science and Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	500	60	0	0	560	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
17	How Automation will shape the Future of your Business	Entrepreneurship/Start-up	Motivational speak	Student Lead Activity	Computer Science and Engineering	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	60	20	0	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No	
18	E-sim workshop	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	20-09-2019 00:00:00	21-09-2019 00:00:00	2	Within Campus	21	0	0	0	21	No	No		
19	Embedded Design	Innovation	Exhibition	Student Lead Activity	Electronics and Communication Engineering	10-04-2019 00:00:00	10-04-2019 00:00:00	1	Within Campus	200	0	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1800	No	
20	Speech Expo	Innovation	Exhibition	Student Lead Activity	Electronics and Communication Engineering	04-04-2019 00:00:00	04-04-2019 00:00:00	1	Within Campus	210	0	0	0	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6800	Award / Position / Recognition Secured	Winner Award Rs.500
																Title of Innovation / Start-up Secured the Award / Recognition	Best Project award	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
21	Robotics training Program	Innovation	Training	Student Lead Activity	Electronics and Communication Engineering	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	40	0	0	0	40	No	No		

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

22	Digital Quiz for II ECE using Kahoot Application	Innovation	Training	Student Lead Activity	Electronics and Communication Engineering	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No						
23	Machine Learning and Deep Learning	Innovation	Seminar	Student Lead Activity	Electronics and Communication Engineering	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	50	5	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No					
24	Quality of Indian stocks and shares and financial management	Entrepreneurship/Startup	Seminar	Student Lead Activity	Electronics and Communication Engineering	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	50	3	0	0	53	No	No						
25	Computer Networks for Human Networking using CISCO Packet Tracer and NS-2	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	13-02-2020 00:00:00	14-02-2020 00:00:00	2	Within Campus	60	5	0	0	65	No	No						
26	Antenna design and its measurement using CAD tool and VNA	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	21-02-2020 00:00:00	22-02-2020 00:00:00	2	Within Campus	60	5	0	0	65	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner Award Rs.500 Runner-Up 300</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Antenna design</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Winner Award Rs.500 Runner-Up 300	Title of Innovation / Start-up Secured the Award / Recognition	Best Antenna design	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner Award Rs.500 Runner-Up 300																					
Title of Innovation / Start-up Secured the Award / Recognition	Best Antenna design																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
27	Arduino Programming Workshop- Designer consortium	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	60	0	0	0	60	No	No						

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

28	Antenna design and its measurement using CAD tool and VNA	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	06-03-2020 00:00:00	07-03-2020 00:00:00	2	Within Campus	60	5	0	0	65	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner Award Rs.500 Runner-Up 300</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Antenna design</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Winner Award Rs.500 Runner-Up 300	Title of Innovation / Start-up Secured the Award / Recognition	Best Antenna design	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner Award Rs.500 Runner-Up 300																					
Title of Innovation / Start-up Secured the Award / Recognition	Best Antenna design																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
29	Texas Instruments' Analog System Training Program	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	60	0	0	0	60	No	No						
30	I'QUEST 20 Intradepartment Competition	Innovation	Innovation Contest	Institute Lead Activity	Innovation Project Cell	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Within Campus	54	5	0	0	59	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td></td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Dustbin</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured		Title of Innovation / Start-up Secured the Award / Recognition	Smart Dustbin	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured																						
Title of Innovation / Start-up Secured the Award / Recognition	Smart Dustbin																					
Award/Recognition/Achievement Received for																						
31	I'QUEST 20 Interdepartment Competition	Innovation	Innovation Contest	Institute Lead Activity	Innovative Project Cell	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	42	8	0	0	50	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td></td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Utilization of CO2 from Industrial and Automobile Emissions</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured		Title of Innovation / Start-up Secured the Award / Recognition	Utilization of CO2 from Industrial and Automobile Emissions	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured																						
Title of Innovation / Start-up Secured the Award / Recognition	Utilization of CO2 from Industrial and Automobile Emissions																					
Award/Recognition/Achievement Received for																						
32	Architecture Foundations in Digital Age	Innovation	Seminar	Student Lead Activity	Information Technology	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	120	23	0	0	143	No	No						

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

33	Case Study on Sentiment Analysis	Innovation	Workshop	Student Lead Activity	Information Technology	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
34	Introduction to Sentiment Analysis	Innovation	Seminar	Student Lead Activity	Information Technology	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
35	Introduction to Fuzzy Logic	Innovation	Workshop	Student Lead Activity	Information Technology	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
36	Introduction to Neural Networks	Innovation	Seminar	Student Lead Activity	Information Technology	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
37	Web Mining and Text Mining	Innovation	Workshop	Student Lead Activity	Information Technology	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
38	Introduction to Sentiment Analysis	Innovation	Seminar	Student Lead Activity	Information Technology	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
39	Block Chain and Other Recent Technologies	Innovation	Workshop	Student Lead Activity	Information Technology	11-12-2019 00:00:00	14-12-2019 00:00:00	4	Within Campus	120	23	0	0	143	No	No
40	Workshop on Big data analytics with Hadoop	Innovation	Workshop	Student Lead Activity	Information Technology	09-12-2019 00:00:00	10-12-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
41	Advanced Programming Logic	Innovation	Workshop	Student Lead Activity	Information Technology	25-11-2019 00:00:00	04-12-2019 00:00:00	10	Within Campus	120	23	0	0	143	No	No
42	Programming Logic Camp	Innovation	Workshop	Student Lead Activity	Information Technology	13-11-2019 00:00:00	23-11-2019 00:00:00	11	Within Campus	120	23	0	0	143	No	No
43	Introduction to .NET Framework	Innovation	Seminar	Student Lead Activity	Information Technology	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
44	Agile Methodologies	Innovation	Workshop	Student Lead Activity	Information Technology	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
45	Analytics The Past present and future	Innovation	Workshop	Student Lead Activity	Information Technology	11-07-2019 00:00:00	11-07-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No

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

46	Internet of Things	Innovation	Seminar	Student Lead Activity	Information Technology	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
47	Advanced Python Programming	Innovation	Workshop	Student Lead Activity	Information Technology	09-07-2019 00:00:00	09-07-2019 00:00:00	1	Within Campus	120	23	0	0	143	No	No
48	R programming	Innovation	Workshop	Student Lead Activity	Information Technology	14-06-2019 00:00:00	15-06-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
49	Basic of Java Programming	Innovation	Workshop	Student Lead Activity	Information Technology	14-06-2019 00:00:00	15-06-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
50	Machine Learning	Innovation	Workshop	Student Lead Activity	Information Technology	12-06-2019 00:00:00	13-06-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
51	C Programming	Innovation	Workshop	Student Lead Activity	Information Technology	12-06-2019 00:00:00	13-06-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
52	Machine Learning and Deep Learning	Innovation	Seminar	Student Lead Activity	Information Technology	06-06-2019 00:00:00	07-06-2019 00:00:00	2	Within Campus	120	23	0	0	143	No	No
53	Robotic Automation	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	14-05-2019 00:00:00	16-05-2019 00:00:00	3	Within Campus	30	3	0	0	33	No	No
54	Robotic Automation	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	27-05-2019 00:00:00	29-05-2019 00:00:00	3	Within Campus	25	3	0	0	28	No	No
55	Robotic Automation	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	08-06-2019 00:00:00	11-06-2019 00:00:00	4	Within Campus	25	2	0	0	27	No	No
56	TI - Robotics	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	40	5	0	0	45	No	No
57	Industrial Robotics and Automation	Innovation	Workshop	Student Lead Activity	Axis Global Industrial Institute of Training (AGIIT) and YASKAWA	16-08-2019 00:00:00	16-08-2019 00:00:00	1	Within Campus	60	10	0	0	70	No	No

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

58	Electric Vehicle Engineering	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	03-02-2020 00:00:00	05-02-2020 00:00:00	3	Within Campus	40	5	0	0	45	No	No
59	Industrial Automation and CNC Machines	Innovation	Workshop	Student Lead Activity	Department of Mechatronics Engineering	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	50	10	0	0	60	No	No
60	Engineering Faculty Workshop	Innovation	Workshop	Institute Lead Activity	Rajalakhmi Engineering College	06-06-2019 00:00:00	08-06-2019 00:00:00	3	Within Campus	0	3	0	0	3	No	No
61	Guest Lecture	Innovation	Motivational speak	Student Lead Activity	Electrical and Electronics Engineering	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	430	10	0	0	440	No	No
62	Guest lecture	Innovation	Motivational speak	Student Lead Activity	Electrical and Electronics Engineering	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	430	10	0	0	440	No	No
63	Guest Lecture	Innovation	Motivational speak	Student Lead Activity	Electrical and Electronics Engineering	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	463	10	0	0	473	No	No
64	Industrial Visit	Entrepreneurship/Startup	Exposure visit	Student Lead Activity	Electrical and Electronics Engineering	13-08-2019 00:00:00	22-08-2019 00:00:00	10	Outside Campus	225	12	0	0	237	No	No
65	Industrial visit	Entrepreneurship/Startup	Exposure visit	Student Lead Activity	Electrical and Electronics Engineering	28-08-2019 00:00:00	30-08-2019 00:00:00	3	Outside Campus	157	6	0	0	163	No	No
66	ASLK training program	Entrepreneurship/Startup	Skill development	Student Lead Activity	Electrical and Electronics Engineering	10-03-2020 00:00:00	20-03-2020 00:00:00	11	Within Campus	80	0	0	0	80	No	No
67	AMCAT ASSESSMENT	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Training and Placement Cell	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	3	0	0	0	3	No	No

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

68	IPC 2020	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Electrical and Electronics Engineering	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	8	0	0	0	8	No	No
69	LEED GA Workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	Electrical and Electronics Engineering	10-03-2020 00:00:00	12-03-2020 00:00:00	3	Within Campus	2	0	0	0	2	No	No
70	AWS Cloud Computing Architecture	Entrepreneurship/Startup	Skill development	Student Lead Activity	Electrical and Electronics Engineering	09-03-2020 00:00:00	13-03-2020 00:00:00	5	Within Campus	3	0	0	0	3	No	No
71	Problem Solving Technique & Tools used in Industry	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	35	2	0	0	37	No	No
72	Smart Manufacturing using MasterCAM software	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	13-08-2019 00:00:00	13-08-2019 00:00:00	1	Within Campus	60	3	0	0	63	No	No
73	Ford Technicians on Ford ECO sports technologies	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	60	11	0	0	71	No	No
74	One day workshop on GD and T	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	24-08-2019 00:00:00	24-08-2019 00:00:00	1	Within Campus	71	4	0	0	75	No	No
75	On-Board diagnosis using vehicle scanner in ford car	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	60	6	0	0	66	No	No
76	One day workshop on Non Destructive Testing	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	102	3	0	0	105	No	No

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

77	One Day Workshop on Problem Solving Technique and Tools used in Industry	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	35	2	0	0	37	No	No
78	Turbocharges and Fuel Injection system used in Diesel Engines	Innovation	Workshop	Student Lead Activity	Department of automobile engineering	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	52	6	0	0	58	No	No
79	Problem Solving Technique and Tools used in Industry	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	50	3	0	0	53	No	No
80	Electric Vehicle Engineering	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	18-12-2019 00:00:00	20-12-2019 00:00:00	3	Within Campus	120	6	0	0	126	No	No
81	One day workshop on Turbocharges	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	26	2	0	0	28	No	No
82	An Overview of On-Board Diagnostics	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	10	2	0	0	12	No	No
83	Workshop on 3D printing	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	20	2	0	0	22	No	No
84	Electric Vehicle Engineering	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	08-01-2020 00:00:00	10-01-2020 00:00:00	3	Within Campus	100	6	0	0	106	No	No
85	Electric Vehicle Engineering	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	03-03-2020 00:00:00	05-03-2020 00:00:00	3	Within Campus	90	6	0	0	96	No	No

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

86	BOSCH Automotive Fuel Injections Systems Electrical and Electronics systems	Innovation	Workshop	Institute Lead Activity	Department of Automobile Engineering	19-12-2019 00:00:00	20-12-2019 00:00:00	2	Within Campus	0	4	0	0	4	No	No						
87	Robotics	Innovation	Skill development	Student Lead Activity	Department of Electronics and communication Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	16	0	0	0	16	No	No						
88	IQuest 2020	Innovation	Innovation Contest	Institute Lead Activity	Department of Chemical Engineering	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	20	3	0	0	23	No	No						
89	How to Patent an Idea	IPR	Mentoring Session	Institute Lead Activity	Institutions Innovation Council REC	12-03-2020 00:00:00	12-03-2020 00:00:00	1	Within Campus	48	14	0	0	62	No	No						
90	Desinathon	Innovation	Hackathon	Institute Lead Activity	Department of Electronics and Communication	08-10-2019 00:00:00	08-10-2019 00:00:00	1	Within Campus	19	0	0	0	19	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Extra Mile Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Award	Title of Innovation / Start-up Secured the Award / Recognition	Extra Mile Award	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	Award																					
Title of Innovation / Start-up Secured the Award / Recognition	Extra Mile Award																					
Award/Recognition/Achievement Received for																						
91	E - AWARE NESS'19	Entrepreneurship/Startup	Awareness	Student Lead Activity	Entrepreneurship Development Cell	24-09-2019 00:00:00	26-09-2019 00:00:00	3	Within Campus	150	0	20	0	170	No	No						
92	National Innovation and Start up policy	Entrepreneurship/Startup	Seminar	Student Lead Activity	Entrepreneurship Development Cell	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	45	2	0	0	47	No	No						
93	How to plan for Start - up and its legal ethics	Entrepreneurship/Startup	Workshop	Student Lead Activity	Entrepreneurship Development Cell	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	100	0	0	0	100	No	No						

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

94	Women in Tech Space-Experiences and Journey	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Computer Science and Engineering	01-04-2019 00:00:00	01-04-2019 00:00:00	1	Within Campus	100	10	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
95	Caterpillar India Pvt Ltd.-Recent Developments	Innovation	Skill development	Institute Lead Activity	Mechanical Engineering	05-07-2019 00:00:00	05-07-2019 00:00:00	1	Within Campus	60	10	0	0	70	No		No
96	Equation, Chennai-Motivational sector trends	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	50	12	0	0	62	No		No
97	AGIIT-	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	120	14	0	0	134	No		No
98	Enervac Engineering Consultants	Innovation	Skill development	Institute Lead Activity	Mechanical Engineering	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	60	15	0	0	75	No		No
99	TVS Group of Company - Startup Activity	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Mechanical Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	38	10	0	0	48	No		No
100	L&T Valves Limited, Chennai-Engineering Development	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	24-08-2019 00:00:00	24-08-2019 00:00:00	1	Within Campus	120	10	0	0	130	No		No
101	Spuma Tech - Emerging trends in Measurements	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	200	8	0	0	208	No		No
102	TI Metals - Engineering Developments	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	142	9	0	0	151	No		No
103	Mahle Engine Components India Pvt Ltd-Motivational on Industrial Developments	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	120	8	0	0	128	No		No

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

104	ProtoGen technologies-Recent Developments	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	10-05-2019 00:00:00	10-05-2019 00:00:00	1	Within Campus	120	9	0	0	129	No	No								
105	Techatoun	Innovation	Ideation	Student Lead Activity	Department of Computer Science and Engineering	21-08-2019 00:00:00	04-10-2019 00:00:00	45	Within Campus	250	0	0	0	250	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>Best Student project</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Best Student project	Award/Recognition/Achievement Received for			
Award / Position / Recognition Secured	First																							
Title of Innovation / Start-up Secured the Award / Recognition	Best Student project																							
Award/Recognition/Achievement Received for																								
106	Deep learning in medical imaging applications	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	07-06-2019 00:00:00	08-06-2019 00:00:00	2	Within Campus	30	2	0	0	32	No	No								
107	Innovation-Project Expo	Innovation	Exhibition	Institute Lead Activity	Information Technology	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	450	23	0	0	473	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>59000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	59000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Innovator Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Award	Title of Innovation / Start-up Secured the Award / Recognition	Best Innovator Award	Award/Recognition/Achievement Received for	
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	59000																							
Award / Position / Recognition Secured	Award																							
Title of Innovation / Start-up Secured the Award / Recognition	Best Innovator Award																							
Award/Recognition/Achievement Received for																								
108	Design Thinking Summit	Innovation	Exhibition	Institute Lead Activity	Computer Science and Engineering Information Technology and Electronics and Communication Engineering	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	380	23	0	0	403	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>60000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner Award Rs.5000, Runner-Up 3000</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Prototype</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Winner Award Rs.5000, Runner-Up 3000	Title of Innovation / Start-up Secured the Award / Recognition	Best Prototype	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Award / Position / Recognition Secured	Winner Award Rs.5000, Runner-Up 3000																							
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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	Medical Equipment Exhibition	Entrepreneurship/Startup	Exposure visit	Chennai Trade Centre	Corporate / Industry Association	26-07-2019 00:00:00	28-07-2019 00:00:00	3	50	7	57	No	---	---	No	No								
2	Smart India Hackathon	Innovation	Hackathon	Ministry of Human Resource and Development	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	1	7	Yes	First	Project work on Continuous Non-invasive BP monitor	<table border="1"> <tr> <td>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</td> <td>100000</td> </tr> </table>	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	100000	<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>Project work on Continuous Non-invasive BP monitor</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	Project work on Continuous Non-invasive BP monitor	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
3	PALS InnoWAH -2019	Innovation	Ideation	IIT Madras	Govt. Agency (Central)	30-07-2019 00:00:00	30-07-2019 00:00:00	1	10	0	10	No	---	---	No	No								
4	Awareness on Life Support and Biomedical Devices (LSBD) research board	Innovation	Ideation	Defense Bioengineering and Electromedical Laboratory	Govt. Agency (Central)	07-11-2019 00:00:00	07-11-2019 00:00:00	1	0	1	1	No	---	---	No	No								
5	Curious Program	Innovation	Ideation	IITM HTIC Med tech incubator	Govt. Agency (Central)	17-10-2019 00:00:00	18-10-2019 00:00:00	2	0	2	2	No	---	---	No	No								
6	National Seminar on Computational Intelligence	Innovation	Awareness	Council of Scientific and Industrial Research	Govt. Agency (Central)	15-07-2019 00:00:00	16-07-2019 00:00:00	2	0	17	17	No	---	---	No	No								
7	Orientation Session on ARIIA 2020 and IIC 2.0	Innovation	Orientation Session	Atal Ranking of Institutions on Innovation Achievements	Govt. Agency (Central)	31-07-2019 00:00:00	31-07-2019 00:00:00	1	0	1	1	No	---	---	No	No								

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

8	Data Visualization using Tableau Software and PowerBI	Innovation	Workshop	Computer Society Of India	Govt. Agency (Central)	31-08-2019 00:00:00	31-08-2019 00:00:00	1	0	1	1	No	---	---	No	No
9	Recent Trends in Cognitive Computing	Innovation	Awareness	International Business Machines Corporation	Corporate / Industry Association	13-07-2019 00:00:00	13-07-2019 00:00:00	1	0	10	10	No	---	---	No	No
10	Business 4.0 TM	Entrepreneurship/Startup	Seminar	Tata Consultancy Services Limited	Corporate / Industry Association	19-10-2019 00:00:00	19-10-2019 00:00:00	1	0	43	43	No	---	---	No	No
11	Internet of Things (IoT)	Innovation	Training	AICTE Training And Learning (ATAL) Academy	Govt. Agency (Central)	29-10-2019 00:00:00	02-11-2019 00:00:00	5	0	1	1	No	---	---	No	No
12	Workshop on Funding Opportunities for Innovation and Entrepreneurship Development	Entrepreneurship/Startup	Workshop	Institution's Innovation Council DSIR	Govt. Agency (Central)	11-11-2019 00:00:00	11-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
13	CII CONNNECT 2019 International Conference and Exhibition on Information and Communication technology	Innovation	Conference	Confederation of Indian Industry	Govt. Agency (Central)	07-11-2019 00:00:00	08-11-2019 00:00:00	2	0	3	3	No	---	---	No	No
14	Workshop on Advanced Deep Learning	Innovation	Workshop	Bennett University	Educational Institute	02-12-2019 00:00:00	06-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
15	Research Trends in Data Analytics and Bio-Inspired Computing	Innovation	Awareness	UGC XII Plan	Educational Institute	31-01-2020 00:00:00	01-02-2020 00:00:00	2	0	1	1	No	---	---	No	No

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

16	International Conference on Computational Intelligence and Theoretical Sciences	Innovation	Ideation	St.Xavier's Catholic College of Engineering	Educational Institute	06-02-2020 00:00:00	08-02-2020 00:00:00	3	0	1	1	No	---	---	No	No
17	10th International Conference on Science and Innovative Engineering 2020	Innovation	Conference	Jawahar Engineering College, Chennai	Educational Institute	29-03-2020 00:00:00	29-03-2020 00:00:00	1	0	1	1	No	---	---	No	No
18	High Intense Course on Machine Learning with MATLAB	Innovation	Awareness	Teaching Learning Centre (under PMMMM MTT, Dept. of Higher Education)	Govt. Agency (Central)	19-10-2019 00:00:00	23-10-2019 00:00:00	5	0	1	1	No	---	---	No	No
19	Smart India Hackathon	Innovation	Hackathon	Reva University Bangalore	Educational Institute	08-07-2019 00:00:00	12-07-2019 00:00:00	5	10	1	11	No	---	---	No	No
20	World Biggest International Hands on IoT and Ethical Hacking Workshop	Innovation	Workshop	Wikitechy and microsoft research Community group ,chennai	Non-Govt. Agencies	15-08-2019 00:00:00	15-08-2019 00:00:00	1	2	0	2	No	---	---	No	No
21	International Conference on Advances in Engineering Sciences Thailand 2019	Innovation	Conference	Asian Institute of Technology Conference Center, Bangkok, Thailand,	Educational Institute	27-05-2019 00:00:00	27-05-2019 00:00:00	1	1	0	1	No	---	---	No	No

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

22	Smart India Hackathon 2019	Innovation	Hackathon	Bharatiya Skill Development University (BSDU), Jaipur, Rajasthan	Educational Institute	07-08-2019 00:00:00	12-08-2019 00:00:00	6	1	0	1	No	---	---	No	No
23	Industrial Robotics Automation and Control	Innovation	Workshop	AICTE Training And Learning Academy	Govt. Agency (Central)	26-09-2019 00:00:00	30-09-2019 00:00:00	5	0	1	1	No	---	---	No	No
24	ML Innovation Challenge	Innovation	Innovation Contest	BOLT IOT	Non-Govt. Agencies	10-02-2020 00:00:00	10-02-2020 00:00:00	1	1	0	1	No	---	---	No	No
25	The International Association of LIONS club region meet	Entrepreneurship/Start-up	Awareness	The International Association of LIONS club	International Agencies	19-02-2020 00:00:00	19-02-2020 00:00:00	1	1	0	1	No	---	---	No	No
26	International Conference on Research Advancements and Challenges in Engineering Sciences	Innovation	Conference	Velammal Institute of Technology	Educational Institute	06-03-2020 00:00:00	07-03-2020 00:00:00	2	4	0	4	No	---	---	No	No
27	Olympiad in Chemistry	Innovation	Ideation	Russian Centre of Science and Culture, Chennai	Non-Govt. Agencies	09-03-2020 00:00:00	09-03-2020 00:00:00	1	1	0	1	No	---	---	No	No
28	National level Award 2020	Innovation	Innovation Contest	Dr.Kalam Educational Trust	Non-Govt. Agencies	13-03-2020 00:00:00	13-03-2020 00:00:00	1	2	0	2	No	---	---	No	No
29	EXPOXIAN	Innovation	Innovation Contest	SRM Institute of Science and Technology	Educational Institute	12-03-2020 00:00:00	13-03-2020 00:00:00	2	3	0	3	No	---	---	No	No

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

30	Demo on innovative projects	Innovation	Road Show	Rajalaxmi Engineering College	Corporate / Industry Association	14-08-2019 00:00:00	14-08-2019 00:00:00	1	3	0	3	No	---	---	No	No
31	Innovation voucher program	Innovation	Seminar	Saveetha Engineering College	Educational Institute	23-10-2019 00:00:00	23-10-2019 00:00:00	1	2	0	2	No	---	---	No	No
32	Intellectual Property Rights and Entrepreneurship Workshop	Entrepreneurship/Startup	Skill development	Anna University Chennai	Educational Institute	04-12-2019 00:00:00	05-12-2019 00:00:00	2	2	0	2	No	---	---	No	No
33	Electric Vehicle Charging Station	Entrepreneurship/Startup	Skill development	MSME PPDC	Educational Institute	21-12-2019 00:00:00	22-12-2019 00:00:00	2	1	0	1	No	---	---	No	No
34	The most innovative solution	Innovation	Innovation Contest	Designers Consortium Rajalaxmi Engineering College	Educational Institute	18-01-2020 00:00:00	18-01-2020 00:00:00	1	3	0	3	No	---	---	No	No
35	CURIOS PROGRAM	Entrepreneurship/Startup	Workshop	IITM REASEARCH PARK CHENNAI	Corporate / Industry Association	26-09-2019 00:00:00	26-09-2019 00:00:00	1	1	0	1	No	---	---	No	No
36	Dynamics of particles	Innovation	Motivational speak	St Josephs Institute of Technology OMR Chennai	Educational Institute	21-11-2019 00:00:00	21-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
37	Internship	Innovation	Training	Full Creative	Corporate / Industry Association	09-12-2019 00:00:00	03-02-2020 00:00:00	57	1	0	1	No	---	---	No	No
38	Internship	Innovation	Training	AVASOFT	Corporate / Industry Association	09-12-2019 00:00:00	03-02-2020 00:00:00	57	2	0	2	No	---	---	No	No
39	MECHATRONIC SYSTEMS AND PRODUCT DESIGN	Innovation	Workshop	National Institute of Technology Warangal	Educational Institute	16-12-2019 00:00:00	21-12-2019 00:00:00	6	0	1	1	No	---	---	No	No

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

40	Internship	Innovation	Training	Brakes India	Corporate / Industry Association	06-01-2020 00:00:00	09-03-2020 00:00:00	64	2	0	2	No	---	---	No	No
41	Internship	Innovation	Training	zoho	Corporate / Industry Association	08-01-2020 00:00:00	09-03-2020 00:00:00	62	2	0	2	No	---	---	No	No
42	THINK EDU CONCLAVE	Innovation	Training	INDIAN EXPRESS	Corporate / Industry Association	08-01-2020 00:00:00	09-01-2020 00:00:00	2	1	0	1	No	---	---	No	No
43	FDP	Innovation	Workshop	Pals	Educational Institute	13-02-2020 00:00:00	15-02-2020 00:00:00	3	0	2	2	No	---	---	No	No
44	DIGITAL KNOWLEDGE SERIES	Innovation	Motivational speak	ICT Academy	Educational Institute	26-02-2020 00:00:00	26-02-2020 00:00:00	1	1	0	1	No	---	---	No	No
45	PALS Tinkathon IITM	Innovation	Seminar	PALS	Educational Institute	19-12-2019 00:00:00	20-12-2019 00:00:00	2	3	0	3	No	---	---	No	No
46	ONLINE QUIZ	Innovation	B-Plan Competitions	IIT Pals	Educational Institute	12-07-2019 00:00:00	12-07-2019 00:00:00	1	13	0	13	No	---	---	No	No
47	Smart India Hackthon 2019	Innovation	B-Plan Competitions	Bharatiya Skill Development University	Educational Institute	13-07-2019 00:00:00	13-07-2019 00:00:00	1	2	0	2	No	---	---	No	No
48	Seminar and Counselling on Higher Education	Innovation	Conference	IDP Education India Private Limited	Educational Institute	23-07-2019 00:00:00	23-07-2019 00:00:00	1	12	0	12	No	---	---	No	No
49	SAE	Innovation	Innovation Contest	Bannari Amman Institute of Technology	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	10	0	10	No	---	---	No	No
50	THINK EDU CONCLAVE	Innovation	Awareness	ITC Grand Chola	Corporate / Industry Association	08-01-2020 00:00:00	09-01-2020 00:00:00	2	2	0	2	No	---	---	No	No
51	How to build chatbots	Innovation	Skill development	IBM	Corporate / Industry Association	15-01-2020 00:00:00	15-01-2020 00:00:00	1	2	0	2	No	---	---	No	No

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

52	SPARK TANK 2020	Innovation	Innovation Contest	Designers Consortium	Educational Institute	18-01-2020 00:00:00	18-01-2020 00:00:00	1	2	0	2	No	---	---	No	No
53	REC Programming contest	Innovation	Innovation Contest	Rajalakhmi Engineering College	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	3	0	3	No	---	---	No	No
54	NSVC	Innovation	Innovation Contest	Visveshwaraya National institute of Technology	Educational Institute	03-03-2020 00:00:00	03-03-2020 00:00:00	1	4	1	5	No	---	---	No	No
55	Inplant Training	Innovation	Training	Chennai Institute of Technology	Educational Institute	19-06-2019 00:00:00	19-06-2019 00:00:00	1	0	2	2	No	---	---	No	No
56	FDP	Innovation	Workshop	National Institute of Technology Warangal	Educational Institute	22-07-2019 00:00:00	27-07-2019 00:00:00	6	0	1	1	No	---	---	No	No
57	Seminar and Counselling on Higher Education	Innovation	Conference	IDP Education India Private Limited	Educational Institute	23-07-2019 00:00:00	23-07-2019 00:00:00	1	18	0	18	No	---	---	No	No
58	India Innovation Challenge Design Contest	Innovation	Innovation Contest	Texas Instruments IICDC	Govt. Agency (Central)	23-08-2019 00:00:00	23-08-2019 00:00:00	1	15	0	15	No	---	---	No	No
59	PALS ANALYZE CASE STUDY	Innovation	Skill development	Sri Venkateswara College of Engineering	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	2	0	2	No	---	---	No	No
60	Orientation Session	Innovation	Orientation Session	Gate forum Institute	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	185	0	185	No	---	---	No	No
61	Training	Innovation	Training	LEMA LABS-KAIZAN ROBOTICS	Corporate/ Industry Association	16-09-2019 00:00:00	20-09-2019 00:00:00	5	2	2	4	No	---	---	No	No

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

62	Guest lecture on Digital signal processing	Innovation	Seminar	Rajalakshmi Institute of Technology	Educational Institute	19-07-2019 00:00:00	19-07-2019 00:00:00	1	0	1	1	Yes	Resource person	Rajalakshmi Institute of Technology	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	Rajalakshmi Institute of Technology
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
63	Guest lecture on Control Implementation by using embedded coder (C2000 - TI)	Innovation	Seminar	SRM Institute of science and technology	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	0	1	1	Yes	Resource person	SRM Institute of science and technology	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	SRM Institute of science and technology
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
64	Guest lecture on the topic Role of IOT in PV and EV for Distributed Power System	Innovation	Seminar	Er.Perumal Manimekhalai College of Engineering	Educational Institute	19-09-2019 00:00:00	19-09-2019 00:00:00	1	0	1	1	Yes	Resource person	Er.Perumal Manimekhalai College of Engineering, Hosur	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	Er.Perumal Manimekhalai College of Engineering, Hosur
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

65	Guest lecture on Innovation to patent claim conversion in the workshop IPR and Patent searching	Innovation	Seminar	Saveetha school of engineering	Educational Institute	19-10-2019 00:00:00	19-10-2019 00:00:00	1	0	1	1	Yes	Resource person	Saveetha school of engineering	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	Saveetha school of engineering
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
66	Department Academic Advisory Committee	Innovation	Ideation	Er.Perumal Manimekhalai College of Engineering, Hosur	Educational Institute	19-07-2019 00:00:00	19-07-2019 00:00:00	1	0	1	1	Yes	Member of the Department Academic Advisory Committee	Er.Perumal Manimekhalai College of Engineering, Hosur	No	Award / Position / Recognition Secured	Member of the Department Academic Advisory Committee
																Title of Innovation / Start-up Secured the Award / Recognition	Er.Perumal Manimekhalai College of Engineering, Hosur
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
67	Board of studies	Innovation	Ideation	SRM Valliammai Engineering College	Educational Institute	19-08-2019 00:00:00	19-08-2019 00:00:00	1	1	0	1	Yes	Member of Board of studies	SRM Valliammai Engineering College	No	Award / Position / Recognition Secured	Member of Board of studies
																Title of Innovation / Start-up Secured the Award / Recognition	SRM Valliammai Engineering College
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

68	IEEE members hip	Innovation	Ideation	IEEE Madras Section	International Agencies	19-10-2019 00:00:00	19-10-2019 00:00:00	1	1	0	1	Yes	Senior IEEE member	IEEE	No	Award / Position / Recognition Secured	Senior IEEE member
																Title of Innovation / Start-up Secured the Award / Recognition	IEEE
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
69	Eight European Conference on Renewable Energy Systems ECRES2020 in Istanbul Turkey	Innovation	Ideation	Eight European Conference on Renewable Energy Systems (ECRES2020) in Istanbul Turkey	Educational Institute	19-11-2019 00:00:00	19-11-2019 00:00:00	1	1	0	1	Yes	Resource person	International Scientific Committee member	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	International Scientific Committee member
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
70	AICTE-Margadharshan	Innovation	Mentoring Session	AICTE-Margadharshan	Educational Institute	19-12-2019 00:00:00	19-12-2019 00:00:00	1	0	1	1	Yes	Resource person	AICTE-Margadharshan	No	Award / Position / Recognition Secured	Resource person
																Title of Innovation / Start-up Secured the Award / Recognition	AICTE-Margadharshan
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

71	Internal Hackathon event for smart india hackathon 2020	Innovation	Hackathon	Rajalakshmi Institute of Technology, Chennai	Educational Institute	19-01-2020 00:00:00	19-01-2020 00:00:00	1	0	2	2	Yes	Jury	Rajalakshmi Institute of Technology, Chennai	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Jury</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Rajalakshmi Institute of Technology, Chennai</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Jury	Title of Innovation / Start-up Secured the Award / Recognition	Rajalakshmi Institute of Technology, Chennai	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Jury																					
Title of Innovation / Start-up Secured the Award / Recognition	Rajalakshmi Institute of Technology, Chennai																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
72	Journal publication	Innovation	Ideation	Optimal control applications and methods	International Agencies	19-02-2020 00:00:00	19-02-2020 00:00:00	1	0	1	1	Yes	Reviewer	Optimal control applications and methods	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Reviewer</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Optimal control applications and methods</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Reviewer	Title of Innovation / Start-up Secured the Award / Recognition	Optimal control applications and methods	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Reviewer																					
Title of Innovation / Start-up Secured the Award / Recognition	Optimal control applications and methods																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
73	Journal publication	Innovation	Ideation	International transactions on electrical energy systems	International Agencies	19-02-2020 00:00:00	19-02-2020 00:00:00	1	0	1	1	Yes	Reviewer	Asian journal of control	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Reviewer</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Asian journal of control</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Reviewer	Title of Innovation / Start-up Secured the Award / Recognition	Asian journal of control	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Reviewer																					
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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

74	Board of Studies meeting	Innovation	Ideation	SA Engineering College	Educational Institute	19-02-2020 00:00:00	19-02-2020 00:00:00	1	0	1	1	Yes	Anna University Nominee for Board of Studies	SA Engineering College	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Anna University Nominee for Board of Studies</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SA Engineering College</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Anna University Nominee for Board of Studies	Title of Innovation / Start-up Secured the Award / Recognition	SA Engineering College	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Anna University Nominee for Board of Studies																					
Title of Innovation / Start-up Secured the Award / Recognition	SA Engineering College																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
75	Guest lecture on circuit theory	Innovation	Seminar	Annai Mathammal Sheela Engineering College	Educational Institute	19-03-2020 00:00:00	19-03-2020 00:00:00	1	0	1	1	Yes	Resourse person	Annai Mathammal Sheela Engineering College	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Resourse person</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Annai Mathammal Sheela Engineering College</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Resourse person	Title of Innovation / Start-up Secured the Award / Recognition	Annai Mathammal Sheela Engineering College	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Resourse person																					
Title of Innovation / Start-up Secured the Award / Recognition	Annai Mathammal Sheela Engineering College																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
76	APJ ABDUL KALAM INNOVATIVE PROJECT CELL IQUEST2 020	Innovation	Innovation Contest	Rajalakhmi Engineering College	Educational Institute	08-02-2020 00:00:00	08-02-2020 00:00:00	1	3	0	3	No	---	---	No	No						
77	Industry Academia Conclave on Future of the world - Disruptive Technologies a Game Changer	Entrepreneurship/Startup	Awareness	IIT Pals	Non-Govt. Agencies	06-07-2019 00:00:00	06-07-2019 00:00:00	1	0	1	1	No	---	---	No	No						
78	INSIGHT ON VEHICLE REGULATIONS IN INDIA	Innovation	Awareness	SAE India	Non-Govt. Agencies	27-07-2019 00:00:00	27-07-2019 00:00:00	1	0	2	2	No	---	---	No	No						

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79	Research integrity and Awareness	Innovation	Awareness	University grants commission	Govt. Agency (Central)	05-08-2019 00:00:00	05-08-2019 00:00:00	1	0	1	1	No	---	---	No	No
80	Team building managin g	Entrepreneurship/ Startup	Skill development	ICT Academy	Non-Govt. Agencies	20-08-2019 00:00:00	22-08-2019 00:00:00	3	0	1	1	No	---	---	No	No
81	E-Mobility Conference	Innovation	Conference	CII Southern Section	Non-Govt. Agencies	13-09-2019 00:00:00	13-09-2019 00:00:00	1	0	4	4	No	---	---	No	No
82	Engineering simulation using COMSOL MULTIPHYSICS 5.5	Innovation	Awareness	Rajalaxmi Institute of technology	Educational Institute	03-12-2019 00:00:00	03-12-2019 00:00:00	1	0	1	1	No	---	---	No	No
83	Power Electronic converters and Controllers for EV and Smart grid	Innovation	Training	AICTE Training and Learning Academy	Govt. Agency (Central)	18-12-2019 00:00:00	22-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
84	Power Electronic converters and Controllers for EV and Smart grid	Innovation	Training	AICTE Training and Learning Academy	Govt. Agency (Central)	18-12-2019 00:00:00	22-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
85	Automotive Suspension Systems	Innovation	Awareness	Sri Venkateswara College of Engineering	Educational Institute	09-01-2020 00:00:00	09-01-2020 00:00:00	1	0	2	2	No	---	---	No	No
86	CSP and PLM Discussion	IPR	Awareness	Tata consultancy services	Corporate / Industry Association	17-02-2020 00:00:00	17-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
87	Building Endurance in a Challenging Business Environment	IPR	Awareness	CII Southern Section	Non-Govt. Agencies	29-02-2020 00:00:00	29-02-2020 00:00:00	1	0	1	1	No	---	---	No	No

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

88	Conference on Exports	Innovation	Exhibition	Automotive Component Manufacturers Association	Non-Govt. Agencies	22-06-2019 00:00:00	22-06-2019 00:00:00	1	21	2	23	No	---	---	No	No		
89	SAEISS 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	11	2	13	Yes	Third Position	Best Design	No	Award / Position / Recognition Secured	Third Position	
																Title of Innovation / Start-up Secured the Award / Recognition	Best Design	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
90	SAE EBAJA 2020	Innovation	Innovation Contest	SAE India	Non-Govt. Agencies	20-01-2020 00:00:00	26-01-2020 00:00:00	7	23	1	24	Yes	Fifth Place	Overall Performance	Total Total Expense Amount Incurred by Institute? (In Rupees)	100000	Award / Position / Recognition Secured	Fifth Place
																	Title of Innovation / Start-up Secured the Award / Recognition	Overall Performance
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
91	INVENTE 4.0	Innovation	Workshop	SSN college of Engineering	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	1	0	1	No	---	---	No	No		
92	Innovations Day 2019	Innovation	Innovation Contest	Manakula vinayagar Engineering college Puducherry	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	1	0	1	Yes	Frist	Best design	No	Award / Position / Recognition Secured	Frist	
																Title of Innovation / Start-up Secured the Award / Recognition	Best design	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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

93	Invente 4.0	Innovation	Awareness	SSN college of Engineering	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	1	0	1	Yes	Second	Paper Presentation	No		Award / Position / Recognition Secured	Second
																	Title of Innovation / Start-up Secured the Award / Recognition	Paper Presentation
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
94	PALS LECTURE Live session	IPR	Workshop	IIT Madras	Govt. Agency (Central)	17-07-2019 00:00:00	17-07-2019 00:00:00	1	12	0	12	No	---	---	No		No	
95	SAE eBAJA	Innovation	Innovation Contest	SAE India	Non-Govt. Agencies	09-07-2019 00:00:00	17-07-2019 00:00:00	9	6	0	6	No	---	---	No		No	
96	TRAXION	Innovation	Innovation Contest	Sri Venkateshwara College of Engineering	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	1	0	1	Yes	First	Paper presentation	No		Award / Position / Recognition Secured	First
																	Title of Innovation / Start-up Secured the Award / Recognition	Paper presentation
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
97	Vahana V4 (National level technical symposium)	Innovation	Innovation Contest	Hindustan college of Engineering	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	1	0	1	Yes	second	Auto cross event	No		Award / Position / Recognition Secured	second
																	Title of Innovation / Start-up Secured the Award / Recognition	Auto cross event
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
98	higher education Seminar and Counselling	IPR	Awareness	IDP Education India Pvt Ltd	Non-Govt. Agencies	23-07-2019 00:00:00	23-07-2019 00:00:00	1	5	0	5	No	---	---	No		No	

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

99	Texas Instruments India Innovation Challenge Design	Innovation	Innovation Contest	Texas Instruments, DST, AICTE and IIM-Bangalore.	Non-Govt. Agencies	28-12-2019 00:00:00	28-12-2019 00:00:00	1	0	1	1	Yes	Elite Academician of IICDC	Texas Instruments India Innovation Challenge Design	No	Award / Position / Recognition Secured	Elite Academician of IICDC
																Title of Innovation / Start-up Secured the Award / Recognition	Texas Instruments India Innovation Challenge Design
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
100	Journal Publication	Innovation	Ideation	Asian Journal of Control	International Agencies	01-02-2020 00:00:00	01-02-2020 00:00:00	1	0	1	1	Yes	Reviewer	Asian Journal of Control	No	Award / Position / Recognition Secured	Reviewer
																Title of Innovation / Start-up Secured the Award / Recognition	Asian Journal of Control
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
101	IIC Innovation Ambassador Training Series	IPR	Training	Institutions Innovation Council of MHRD Innovation Cell AICTE and RMK Engineering College	Govt. Agency (Central)	08-02-2020 00:00:00	09-02-2020 00:00:00	2	0	4	4	Yes	Best	Ambassador	No	Award / Position / Recognition Secured	Best
																Title of Innovation / Start-up Secured the Award / Recognition	Ambassador
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

102	International Conference on Intellectual property and Entrepreneurship	IPR	Conference	Holy Cross Home Science College, Thoothukudi, Tamil Nadu	Educational Institute	20-02-2020 00:00:00	20-02-2020 00:00:00	1	0	1	1	Yes	Best Presentation	Best Presentation	No	Award / Position / Recognition Secured	Best Presentation
																Title of Innovation / Start-up Secured the Award / Recognition	Best Presentation
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	BM17613-Medical Industrial Training	Innovation	Elective/Core Credit Course	Bachelor	Biomedical Engineering	10-12-2019	30-04-2020	142	Offline	116	45
2	MX19203- Medical Device concept to market	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Biomedical Engineering	12-09-2019	31-12-2019	111	Offline	15	45
3	NPTEL FDP on Introduction to Internet of Things	Innovation	Short term Course	Short Term Certificate Course	Indian Institute of Technology Madras	01-08-2019	30-10-2019	91	Online	5	45
4	NPTEL FDP on Introduction to Research	Innovation	Short term Course	Short Term Certificate Course	Indian institute of Technology Madras	01-08-2019	30-10-2019	91	Online	1	30
5	NPTEL FDP on Python for Data Science	Innovation	Short term Course	Short Term Certificate Course	Indian Institute of Technology Madras	01-08-2019	31-10-2019	92	Online	1	30
6	NPTEL FDP on Ethical Hacking	Innovation	Short term Course	Short Term Certificate Course	Indian Institute of Technology Madras	01-08-2019	30-10-2019	91	Online	1	30
7	Subjecting thin film devices for cancer diagnosis	Innovation	Short term Course	Short Term Certificate Course	Seshang biological systems	29-05-2019	07-06-2019	10	Offline	1	45
8	Leadership	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	NPTEL SWAYAM	29-07-2019	23-08-2019	26	Online	1	52
9	Green Communication Networks and Simulation of Wireless Networks using NS-3	Innovation	Short term Course	Short Term Certificate Course	Department of Electronics and Communication Engineering SA Engineering College	02-12-2019	07-12-2019	6	Offline	3	30

10	Smart materials sensors and energy devices	Innovation	Short term Course	Short Term Certificate Course	Department of Electronics and Communication Engineering SSN College of Engineering	25-05-2020	30-05-2020	6	Online	1	30
11	Soft Skills-I	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	10-07-2019	11-12-2020	521	Offline	168	30
12	Soft Skills-II	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	02-01-2019	08-06-2020	523	Offline	159	30
13	Innovation and Design thinking for Electrical Engineers	Innovation	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	10-07-2019	11-12-2020	521	Offline	168	30
14	Problem Solving Technique	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics	10-07-2020	11-12-2020	155	Offline	168	30
15	Project Phase-I and Phase-II	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	02-01-2020	08-06-2020	158	Offline	168	120
16	Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	Embedded System Technology	19-08-2019	28-12-2020	498	Offline	8	45
17	IOT Applications for Embedded Systems	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Embedded System Technology	10-07-2019	28-12-2020	538	Offline	5	60
18	Project (Phase-I and Phase-II)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Embedded System Technology	10-07-2019	28-12-2020	538	Offline	5	320
19	Product Design and Manufacturing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechatronics Engineering	27-01-2020	17-04-2020	82	Online	71	45
20	Wipro Mission 10 X UTLP Training Program	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Training Department	16-12-2019	20-12-2019	5	Offline	40	35
21	Rec Bosch joint certification course	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Robert Bosch GmbH	09-12-2019	13-12-2019	5	Offline	118	35
22	Introduction to Product development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Aeronautical	01-12-2019	01-03-2020	92	Offline	24	45
23	Entrepreneurship development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Aeronautical	01-01-2020	01-03-2020	61	Offline	18	45
24	Patent drafting Rules	IPR	Elective/Core Credit Course	Credit Course (Elective)	Aeronautical	01-02-2020	01-03-2020	30	Offline	27	45
25	Research Methodology and IPR	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Biotechnology	12-09-2019	10-12-2019	90	Offline	11	45

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
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1	5G Theory to practice and its applications	Innovation	FDP in I&E / IPR	Department of Electronics and Instrumentation Engineering Easwari Engineering College	11-06-2019	24-06-2019	14	Offline	1	70
2	Leadership quality	Entrepreneurship/Startup	FDP in I&E / IPR	Training Department Rajalakshmi Engineering College	16-04-2020	30-04-2020	15	Online	5	45
3	Advance simulation tools for Electronics Engineers	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering SA Engineering College	27-04-2020	01-05-2020	5	Online	2	30
4	Artificial Intelligence	Innovation	FDP in I&E / IPR	Maharana Pratap University	30-04-2020	04-05-2020	5	Online	1	30
5	Disruptive technologies	Innovation	FDP in I&E / IPR	Industry Academia Cell Department of Electronics and Communication Engineering	08-05-2020	16-05-2020	9	Online	2	45
6	Data Science	Innovation	FDP in I&E / IPR	NIT Nagaland	11-05-2020	15-05-2020	5	Online	1	30
7	Scope of Artificial intelligence and Machine Learning in Automation	Innovation	FDP in I&E / IPR	Department of Information Technology Velalar College of Engineering	11-05-2020	17-05-2020	7	Online	2	35
8	Recent Trends in VLSI and Embedded Auto Industry	Innovation	FDP in I&E / IPR	Centre for VLSI and Embedded Systems Design in association with Department of Electronics and Communication Engineering	20-05-2020	25-05-2020	6	Online	1	30
9	Computer and Communication Networks	Innovation	FDP in I&E / IPR	Department of Information Technology Sri Sai Ram Institute of Technology	21-05-2020	27-05-2020	7	Online	1	35
10	Artificial Intelligence	Innovation	FDP in I&E / IPR	Department of Information Technology Vignans Institute of Engineering for Women	22-05-2020	26-05-2020	5	Online	1	30
11	Workshop Cum Training on Industry 4	Entrepreneurship/Startup	Employment Generation Training Programs	Rajalakshmi Engineering College	24-08-2019	27-08-2019	4	Offline	80	30
12	Pega techcourse-1 for innovation	Innovation	Employment Generation Training Programs	Training and Placement Department	20-05-2019	13-07-2019	55	Offline	92	159
13	Innovation in communication and leadership skills	Innovation	MDP in I&E / IPR	Training and Placement Department	12-06-2019	20-12-2019	192	Offline	1685	82
14	Enriching innovation through Employability camp	Innovation	Employment Generation Training Programs	Training and Placement Department	30-06-2019	07-07-2019	8	Offline	257	42

15	Innovation in problem solving using Java Programming	Innovation	Employment Generation Training Programs	Training and Placement Department	24-06-2019	07-07-2019	14	Offline	184	84
16	Personality development training for innovation	Innovation	MDP in I&E / IPR	Training and Placement Department	30-07-2019	12-09-2019	45	Offline	1685	30
17	Harnessing the power of innovation in Robotics	Innovation	Employment Generation Training Programs	Training and Placement Department	18-07-2019	21-09-2019	66	Offline	36	78
18	Exploring innovation in the Sales Force domain	Innovation	Employment Generation Training Programs	Training and Placement Department	20-08-2019	24-08-2019	5	Offline	111	35
19	Pega techcourse-2 for innovation	Innovation	Employment Generation Training Programs	Training and Placement Department	01-07-2019	23-09-2019	85	Offline	31	128
20	Innovation in Programming through Talent Next training	Innovation	Employment Generation Training Programs	Training and Placement Department	21-07-2019	31-08-2019	42	Offline	198	105
21	Need of Innovation in problem solving for TCS Ninja	Innovation	Employment Generation Training Programs	Training and Placement Department	09-07-2019	31-07-2019	23	Offline	813	95
22	Innovation in problem solving using Oracle Java Programming	Innovation	FDP in I&E / IPR	Training and Placement Department	19-08-2019	23-08-2019	5	Offline	2	35
23	Harnessing the power of Innovation in Cybersecurity infrastructure configuration	Innovation	FDP in I&E / IPR	Training and Placement Department	22-07-2019	26-07-2019	5	Offline	2	35
24	Exploring Innovation in Zoho Creator Certified Association training	Innovation	Employment Generation Training Programs	Training and Placement Department	17-09-2019	01-10-2019	15	Offline	30	84
25	Innovative thinking in problem solving	Innovation	Employment Generation Training Programs	Training and Placement Department	16-12-2019	20-12-2019	5	Offline	309	35
26	Learning Java programming through Innovative problem solving in residential camp	Innovation	Employment Generation Training Programs	Training and Placement Department	24-11-2019	04-12-2019	11	Offline	701	77
27	Harnessing the power of Innovation in Cybersecurity infrastructure configuration	Innovation	FDP in I&E / IPR	Training and Placement Department	26-11-2019	30-11-2019	5	Offline	3	35
28	Exploring innovation in the Sales Force domain	Innovation	FDP in I&E / IPR	Training and Placement Department	16-12-2020	20-12-2020	5	Offline	2	35
29	Personality Development training for innovation	Innovation	Employment Generation Training Programs	Training and Placement Department	03-01-2020	03-03-2020	61	Offline	1575	30
30	FDP on Enriching innovation through cloud computing	Innovation	Employment Generation Training Programs	Training and Placement Department	11-07-2019	15-07-2019	5	Offline	2	35
31	Innovation in problem solving using Python Programming	Innovation	FDP in I&E / IPR	Training and Placement Department	26-07-2019	29-07-2019	4	Offline	2	32
32	FDP on how Big Data helps in innovative data analysis	Innovation	FDP in I&E / IPR	Training and Placement Department	07-08-2019	10-08-2019	4	Offline	1	32

33	Learning Emotional Intelligence through innovative ideas	Innovation	FDP in I&E / IPR	Training and Placement Department	14-08-2019	19-08-2019	6	Offline	2	40
34	Team Building and Management for Innovation	Innovation	FDP in I&E / IPR	Training and Placement Department	20-08-2019	23-08-2019	4	Offline	2	32
35	Exploring innovation in the Cloud Masters	Innovation	FDP in I&E / IPR	Training and Placement Department	24-08-2019	27-08-2019	4	Offline	6	30
36	Innovation in Teaching Techniques with Gamification	Innovation	FDP in I&E / IPR	Training and Placement Department	29-08-2019	02-09-2019	5	Offline	2	40
37	Learn and Explore MedTech through innovation	Innovation	FDP in I&E / IPR	Training and Placement Department	26-09-2019	29-09-2019	4	Offline	3	32
38	FDP on how innovation helps in platform development	Innovation	FDP in I&E / IPR	Training and Placement Department	12-09-2019	15-09-2019	4	Offline	1	32
39	Innovation in Teaching Techniques	Innovation	FDP in I&E / IPR	Training and Placement Department	16-10-2019	19-10-2019	4	Offline	4	30
40	FDP on Integrated Innovation	Innovation	FDP in I&E / IPR	Training and Placement Department	28-11-2019	02-12-2019	5	Offline	4	40
41	Innovation in problem solving using Python Programming	Innovation	FDP in I&E / IPR	Training and Placement Department	19-11-2019	22-11-2019	4	Offline	3	32
42	Need for Innovation in the field of Data Science with Python	Innovation	FDP in I&E / IPR	Training and Placement Department	09-12-2019	13-12-2019	5	Offline	2	38
43	Need for Innovation in the field of Data Science with Python	Innovation	FDP in I&E / IPR	Training and Placement Department	26-12-2019	29-12-2019	4	Offline	2	32
44	Inculcating innovative ideas through futureskills program	Innovation	Employment Generation Training Programs	Training and Placement Department	10-01-2020	10-06-2020	153	Online	667	120
45	Harnessing the power of innovation in auto component industries by brakes india	Innovation	FDP in I&E / IPR	Training and Placement Department	13-02-2020	16-02-2020	4	Offline	3	30
46	Innovation in ethical hacking and cybersecurity	Innovation	Employment Generation Training Programs	Training and Placement Department	02-03-2020	23-03-2020	22	Offline	24	60
47	Need for Innovation in the field of Data Science with Python	Innovation	FDP in I&E / IPR	Training and Placement Department	02-05-2020	02-07-2020	62	Offline	3	30
48	Team building and managing for innovation	Innovation	FDP in I&E / IPR	Training and Placement Department	10-02-2020	13-02-2020	4	Offline	3	30
49	Exploring tools for Innovation in Product Lifecycle Management	Innovation	FDP in I&E / IPR	Training and Placement Department	17-02-2020	22-02-2020	6	Offline	4	70
50	Innovation in problem solving using Python Programming	Innovation	Employment Generation Training Programs	Training and Placement Department	15-02-2020	22-02-2020	8	Offline	197	50

51	Energy and environmental design training for Innovation	Innovation	Employment Generation Training Programs	Training and Placement Department	10-03-2020	13-03-2020	4	Offline	16	30
52	Advanced technology program for innovation using AI and ML	Innovation	FDP in I&E / IPR	Training and Placement Department	16-03-2020	19-03-2020	4	Online	7	30
53	Enriching innovation through AWS cloud computing architecture training	Innovation	Employment Generation Training Programs	Training and Placement Department	09-03-2020	13-03-2020	5	Offline	53	35
54	Innovation in problem solving using Python Programming	Innovation	FDP in I&E / IPR	Training and Placement Department	12-03-2020	16-03-2020	5	Offline	2	30
55	Inculcating innovation using 360 degree training program	Innovation	Employment Generation Training Programs	Training and Placement Department	22-03-2020	30-06-2020	101	Online	1300	125
56	Introduction to data structures and algorithms for innovation	Innovation	Employment Generation Training Programs	Training and Placement Department	13-04-2020	24-04-2020	12	Online	170	30
57	Learning innovative courses through Learnathon - online courses platform	Innovation	Employment Generation Training Programs	Training and Placement Department	04-05-2020	30-05-2020	27	Online	200	60
58	Innovation in problem solving using Java Programming	Innovation	Employment Generation Training Programs	Training and Placement Department	27-05-2020	31-05-2020	5	Online	800	30

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)

Sno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	Ms.J.Saranya	Electronics and Communication Engineering	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	Mr.K.Murali Krishna	Electronics and Communication Engineering	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
3	Mrs. V.Sivagami	Electrical and Electronics Engineering	Assistant Professor	Highest degree name in I&E and IPR	Power Electronics and Drives			
				Degree Type	PG			
				Year of Highest degree in I&E and IPR	2007			
	Yes							
Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

4	Mr. M.Pradeep	Electrical and Electronics Engineering	Assistant Professor	Highest degree name in I&E and IPR	Power System	Yes			
				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
5	Dr. A. Nazar Ali	Electrical and Electronics Engineering	Associate Professor	Highest degree name in I&E and IPR	Electrical Engineering	Yes			
				Degree Type	PhD				
Year of Highest degree in I&E and IPR	2017								
Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
6	Mr.D. Shyam	Electrical and Electronics Engineering	Assistant Professor (SS)	Highest degree name in I&E and IPR	Electrical Drives and Embedded Control	Yes			
				Degree Type	PG				
Year of Highest degree in I&E and IPR	2011								
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
7	Dr.Johanna Rajkumar	Biotechnology	Professor and Dean	No	No				
8	Dr.D.Sridhar	Biotechnology	Assistant Professor (SG)	No	No				
9	Dr.K.Sathya	Biotechnology	Associate Professor	No	No				
10	Dr. V.Gayathri	Biotechnology	Assistant Professor (SG)	No	No				

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	Designers Consortium	Innovation Club	2018	Co-working Space	IPR Cell/Technology Transfer Centre	3	Yaswanth.R	yaswanth.r.2017.ece@rajalakshmi.edu.in	7094033540
2	COSMO Club	Innovation Club	2018	3D Printing	Pre-Incubation Unit	1	Prakash S	prakash.s.2017.mct@rajalakshmi.edu.in	9080630710

3	UAV club	Innovation Club	2019	Co-working Space	Pre-Incubation Unit	8	John De Britto	johndebritto.t.2017.aero@rajalakshmi.edu.in	7395972278
4	APJ Abdul Kalam Innovative Project Cell	Innovation Club	2006	None	IPR Cell/Technology Transfer Centre	2	Rebeka Angelina Devakirubai	rebekahangelinadevaki.rubai.d.2018.bt@rajalakshmi.edu.in	9150735812

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
							Facility Incharge Name	Facility Incharge Email				
1	Centre of excellence in MEMS and microfluidics	Innovation Centre	2009	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs,Centre of Excellence with Advance Tools	Innovation Labs,Centre of Excellence with Advance Tools	Facility Incharge Name	Dr.L.Sujatha	10	No	No	Yes
							Facility Incharge Email	sujatha.j@rajalakshmi.edu.in				
							Facility Incharge Phone	7010428499				
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					RAJALAKSHMI ENGINEERING COLLEGE AND DST			Govt. Agency (Central)		1000000		
2	Centre for Heritage Science and Engineering	Maker's Space	2013	3D Printing & Prototype Equipment	Incubation Unit	Incubation Unit	Facility Incharge Name	Dr. L. Sujatha	29	Yes	No	Yes
							Facility Incharge Email	sujatha.j@rajalakshmi.edu.in				
							Facility Incharge Phone	7010428499				
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					DST			Govt. Agency (Central)		12953000		

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	Phycocolloid Research Lab	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.S ureshkumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suresh kumar. s.chemistry@rajalaks hmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>074184 05704</td> </tr> </table>	Facility Incharge Name	Dr.S.S ureshkumar	Facility Incharge Email	suresh kumar. s.chemistry@rajalaks hmi.edu.in	Facility Incharge Phone	074184 05704	3	No	No	Yes
Facility Incharge Name	Dr.S.S ureshkumar																
Facility Incharge Email	suresh kumar. s.chemistry@rajalaks hmi.edu.in																
Facility Incharge Phone	074184 05704																
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					DST			Govt. Agency (Central)		21250520							

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	Centre of excellence in MEMS & microfluidics	2013	Innovation Labs	Department of science and technology (Govt. of India)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.L.S ujatha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suajatha .I@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>70104 28499</td> </tr> </table>	Facility Incharge Name	Dr.L.S ujatha	Facility Incharge Email	suajatha .I@rajalakshmi.edu.in	Facility Incharge Phone	70104 28499	8	Yes	No	Yes
Facility Incharge Name	Dr.L.S ujatha														
Facility Incharge Email	suajatha .I@rajalakshmi.edu.in														
Facility Incharge Phone	70104 28499														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						
Funding Agency				Department of science and technology (Govt. of India), Defence research development organization, Department of atomic energy			Govt. Agency (Central)		0						

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

2	Centre for excellence in machine vision - A TIFAC CORE lab	2009	Innovation Labs		Facility Incharge Name	Dr.R.S undar	4	No	Yes		Yes
					Facility Incharge Email	sundar.r@rajalakshmi.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	0630751691			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	850000	
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				Rajalakshmi Engineering College				Educational Institute		800000	
3	Assistive Devices and Technologies Lab	2013	Innovation Labs	Department of science and technology (Govt. of India)	Facility Incharge Name	Dr.S.P oonkuzhal	6	Yes	No		Yes
					Facility Incharge Email	poonkuzhali.s@rajalakshmi.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	9444836861			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	
Funding Agency				Department of science and technology (Govt. of India), Defence research development organization, Department of atomic energy				Govt. Agency (Central)		1400000	

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

1	Centre for Heritage science and Engineering	2018	Innovation Labs		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>M.A.N ambi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nambi.ma@rajalaks hmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99528 80622</td> </tr> </tbody> </table>	Facility Incharge Name	M.A.N ambi	Facility Incharge Email	nambi.ma@rajalaks hmi.edu.in	Facility Incharge Phone	99528 80622	8	No	No	No
Facility Incharge Name	M.A.N ambi														
Facility Incharge Email	nambi.ma@rajalaks hmi.edu.in														
Facility Incharge Phone	99528 80622														
2	Phycocolloids research laboratory	2019	Innovation Labs		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Dr.S.S ureshk umar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suresh kumar.s.chemistry@rajalaks hmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96987 04587</td> </tr> </tbody> </table>	Facility Incharge Name	Dr.S.S ureshk umar	Facility Incharge Email	suresh kumar.s.chemistry@rajalaks hmi.edu.in	Facility Incharge Phone	96987 04587	3	No	No	No
Facility Incharge Name	Dr.S.S ureshk umar														
Facility Incharge Email	suresh kumar.s.chemistry@rajalaks hmi.edu.in														
Facility Incharge Phone	96987 04587														
3	Centre of excellence in MEMS and microfluidics	2013	Centre of Excellence with Advance Tools		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Dr. L. Sujatha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sujatha .l@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>70104 28499</td> </tr> </tbody> </table>	Facility Incharge Name	Dr. L. Sujatha	Facility Incharge Email	sujatha .l@rajalakshmi.edu.in	Facility Incharge Phone	70104 28499	8	No	No	No
Facility Incharge Name	Dr. L. Sujatha														
Facility Incharge Email	sujatha .l@rajalakshmi.edu.in														
Facility Incharge Phone	70104 28499														
4	Sustainable Building Materials Research Lab	2016	Innovation Labs		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Dr.S.G eetha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>geetha .s@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>90032 02720</td> </tr> </tbody> </table>	Facility Incharge Name	Dr.S.G eetha	Facility Incharge Email	geetha .s@rajalakshmi.edu.in	Facility Incharge Phone	90032 02720	1	No	No	No
Facility Incharge Name	Dr.S.G eetha														
Facility Incharge Email	geetha .s@rajalakshmi.edu.in														
Facility Incharge Phone	90032 02720														

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

5	Assistive Devices and Technologies Lab	2013	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.P oonkuz hall</td> </tr> <tr> <td>Facility Incharge Email</td> <td>poonkuzhall.s@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444836861</td> </tr> </table>	Facility Incharge Name	Dr.S.P oonkuz hall	Facility Incharge Email	poonkuzhall.s@rajalakshmi.edu.in	Facility Incharge Phone	9444836861	3	No	No	No
Facility Incharge Name	Dr.S.P oonkuz hall														
Facility Incharge Email	poonkuzhall.s@rajalakshmi.edu.in														
Facility Incharge Phone	9444836861														
6	Contemporary Design Studio	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Kalaiselvi Mr.Vinothkumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinothkumar.s@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994181708</td> </tr> </table>	Facility Incharge Name	Dr.Kalaiselvi Mr.Vinothkumar	Facility Incharge Email	vinothkumar.s@rajalakshmi.edu.in	Facility Incharge Phone	9994181708	9	No	No	No
Facility Incharge Name	Dr.Kalaiselvi Mr.Vinothkumar														
Facility Incharge Email	vinothkumar.s@rajalakshmi.edu.in														
Facility Incharge Phone	9994181708														
7	Prototype Development Centre -VR and AR LAB	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.Vinothkumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinothkumar.s@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994181708</td> </tr> </table>	Facility Incharge Name	Mr.Vinothkumar	Facility Incharge Email	vinothkumar.s@rajalakshmi.edu.in	Facility Incharge Phone	9994181708	9	No	No	No
Facility Incharge Name	Mr.Vinothkumar														
Facility Incharge Email	vinothkumar.s@rajalakshmi.edu.in														
Facility Incharge Phone	9994181708														

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

No Data Filled!									
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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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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	IPR CELL	2012	Innovation Park/Research Park		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.G ayathri</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gayathri.vijayakumar@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98840 08795</td> </tr> </table>	Facility Incharge Name	Dr.V.G ayathri	Facility Incharge Email	gayathri.vijayakumar@rajalakshmi.edu.in	Facility Incharge Phone	98840 08795	16	Yes	No	No								
Facility Incharge Name	Dr.V.G ayathri																						
Facility Incharge Email	gayathri.vijayakumar@rajalakshmi.edu.in																						
Facility Incharge Phone	98840 08795																						
2	Sustainable Building Materials Research Lab	2016	Innovation Labs	DST, DRDO	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.G eetha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>geetha.s@rajalakshmi.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>90032 02720</td> </tr> </table>	Facility Incharge Name	Dr.S.G eetha	Facility Incharge Email	geetha.s@rajalakshmi.edu.in	Facility Incharge Phone	90032 02720	3	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>350000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	350000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr.S.G eetha																						
Facility Incharge Email	geetha.s@rajalakshmi.edu.in																						
Facility Incharge Phone	90032 02720																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	350000																						
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 Incubation Facility exists in Campus (In Rupees)																	
Funding Agency		DST, DRDO		Govt. Agency (Central)		7500000																	

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.Johanna Rajkumar	Professor	Idea/Innovation Development	8
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Development of Bio- Sheets from Tapioca and Aloe vera for fruits and vegetables preservation		Within		
2	Dr.D.Sridhar	Assistant Professor (SG)	Idea/Innovation Development	8

1	Electrolyte monitoring and alerting system	Product Innovation	Technological	Biomedical Engineering	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Mallika Senthil		Student		Female		mallika.senthil.2018.bme@rajalakshmi.edu.in		8754970413					
Name		Type		Gender		Email		Contact					
N.Padmasini		Faculty		Female		padmasini.n@rajalakshmi.edu.in		9791671892					

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

No Data Filled!

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

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

No Data Filled!

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	Deep Learning based Retinal Microvascular Measurement of Eye	201941040242	National	2019 - 04	Uploaded
	2	Hand Gesture Recognition for Speech Impaired People	201941040877A	National	2019 - 10
Uploaded		3	Smart Stick	201941016422	National
2019 - 04	Uploaded		4	System and Method for monitoring and Assisting Cognitively Impaired Individuals	201941028199
National	2019 - 07	Uploaded		5	Arm Band for Blood Testing
325592-001	National	2020 - 02	Uploaded		6
Clicking Option Enabled Hands-Free Computer Mouse	201941041811	National	2019 - 10	Uploaded	
7	A Novel Electrospun Nanofibrous Scaffold To Treat Skin Burns	201941025890	National	2019 - 06	Uploaded

	8	Vacuum Operated Continuum Manipulator	201941027356	National	2019 - 07
Uploaded		9	EVM Control	201941040658	National
2019 - 10	Uploaded		10	Composite Film For Extending The Shelf Life Of Bottled Padhaneer	201941038803
National	2019 - 09	Uploaded		11	Automatic stand lifting system for motorcycles with feedback System
201941039835	National	2019 - 10	Uploaded		12
Multisource Ups / Stabilizer For Industrial, Commercial And Residential Users	201941044443	National	2019 - 11	Uploaded	
13	Ferromagnetic suspension system for automobiles	202041006602	National	2020 - 02	Uploaded
	14	systems and method for cooking food items	201941030758	National	2019 - 07
Uploaded		15	Portable air conditioner for vehicles	201941035581	National
2019 - 04	Uploaded		16	Electric energy generation from exhaust air of high rating air conditioners	202041011338
National	2020 - 03	Uploaded		17	Multisource UPS/stabilizer for industrial, commercial and residential users
201941044443/	National	2019 - 11	Uploaded		18
Hybrid solar cooking system with solar thermal and Photovoltaics to generate electrical energy for household applications	201941047107	National	2019 - 12	Uploaded	

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

No Data Filled!

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

No Data Filled!

Declaration

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

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. S.N.Murugesan (Head of Institute) and Mr. CHENTHIL M (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

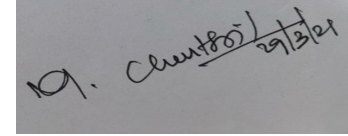
The Head of Institute



S. N. Murugesan
29/8/21

Dr. S.N.Murugesan
Head of the Institution,
Chennai, Tamil Nadu

Nodal officer



Mr. Chenthil M
29/8/21

Mr. CHENTHIL M
Nodal Officer,
Chennai, Tamil Nadu