



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: Sri Sairam Engineering College [ARI-C-16547]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	INDUSTRIAL ROBOTICS CENTRE	Centre of Excellence with Advance Tools & Equipment	MECHANICAL AND ELECTRONICS ALLIED	UG / PG / PhD	Both	425	65	25
2	Clean Energy Research Center	Centre of Excellence with Advance Tools & Equipment	ENERGY CONSERVATION	UG / PG / PhD	Both	525	32	8
3	Centre for Measurement and Metrology	Centre of Excellence with Advance Tools & Equipment	Calibration	UG / PG / PhD	Both	478	28	10
4	BIO-FUEL RESEARCH CENTRE	Centre of Excellence with Advance Tools & Equipment	FUEL CELL	UG / PG / PhD	Both	486	29	12
5	MATERIAL RESEARCH CENTRE	Centre of Excellence with Advance Tools & Equipment	COMPOSITES	UG / PG / PhD	Both	546	31	9
6	CENTRE FOR FLEXIBLE MANUFACTURING SYSTEM	Centre of Excellence with Advance Tools & Equipment	MECHANICAL ENGINEERING	UG / PG / PhD	Both	457	32	11
7	CENTRE FOR PRODUCT DESIGN AND ANALYSIS	Centre of Excellence with Advance Tools & Equipment	PRODUCT DEVELOPMENT	UG / PG / PhD	Both	601	42	8
8	Oracle Academy	Centre of Excellence with Advance Tools & Equipment	COMPUTER SCIENCE	UG / PG / PhD	Both	1252	76	7
9	Salesforce Trailhead	Centre of Excellence with Advance Tools & Equipment	COMPUTER SCIENCE	UG / PG / PhD	Both	1222	78	9
10	VMware Academy	Centre of Excellence with Advance Tools & Equipment	COMPUTER SCIENCE	UG / PG / PhD	Both	1356	82	9
11	AWS Academy(Cloud Literarcy)	Centre of Excellence with Advance Tools & Equipment	COMPUTER SCIENCE	UG / PG / PhD	Both	1395	81	9
12	Sairam - Industry Institute Interaction Cell	Industry Institute Interface Unit	Engineering Science and Technology	UG / PG / PhD	Both	3985	345	185

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13	Sri Sairam Techno Incubator Foundation	Incubation Unit	Engineering Science Technology and Management	UG / PG / PhD	Both	2188	78	38
14	Kalam Research and Development Park	Research Unit / Park	Engineering, Science, Technology, Humanities and Social Science	UG / PG / PhD	Both	786	64	28
15	SEC IEDC Centre	Pre-incubation unit	Engineering Science and Technology	UG / PG / PhD	Both	3125	324	27
16	Centre for IPR	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering Science and Technology	UG / PG / PhD	Both	1958	170	19
17	TI Innovation centre	Centre of Excellence with Advance Tools & Equipment	Engineering Science and Technology	UG / PG / PhD	Both	1256	94	17
18	TCS BOT centre	Centre of Excellence with Advance Tools & Equipment	Engineering Science and Technology	UG / PG / PhD	Both	1076	87	22
19	E-yantra Lab Centre	Centre of Excellence with Advance Tools & Equipment	Engineering Science and Technology	UG / PG / PhD	Both	576	26	15
20	Electric Vehicle Lab Centre	Centre of Excellence with Advance Tools & Equipment	Engineering Science and Technology	UG / PG / PhD	Both	603	29	12
21	Dell EMC Data Analytics centre	Centre of Excellence with Advance Tools & Equipment	Computer Science Engineering and Information Technology	UG / PG / PhD	Both	822	35	12
22	UiPath Academic Alliance centre	Centre of Excellence with Advance Tools & Equipment	Computer Science Engineering and Information Technology	UG / PG / PhD	Both	813	29	11
23	Civil Surveying Facilitation Centre	Centre of Excellence with Advance Tools & Equipment	Civil and Roadways Engineering and Technology	UG / PG / PhD	Both	182	14	8
24	Mechanical Engineering Allied Labs	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Both	643	48	11
25	Electronics and Communication Engineering Allied Labs	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Both	605	47	10
26	Computer Science and Engineering Allied Labs	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Both	479	39	12
27	Information technology Allied Labs	Academic Department with lab facility	Information technology	UG / PG / PhD	Both	369	27	11
28	Electrical and Electronics Engineering Allied Labs	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Both	284	26	9

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

29	Electronics and Instrumentation Engineering Allied Labs	Academic Department with lab facility	Electronics and Instrumentation Engineering	UG / PG / PhD	Both	197	20	5
30	Instrumentation and Control Engineering Allied Labs	Academic Department with lab facility	Instrumentation and Control Engineering	UG / PG / PhD	Both	79	10	5
31	Civil Engineering Allied Labs	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Both	182	16	5
32	Production Engineering Allied Labs	Academic Department with lab facility	Production Engineering	UG / PG / PhD	Both	58	8	2
33	Physical Science Labs	Academic Department with lab facility	Science and Humanities	UG / PG / PhD	Both	990	11	3
34	Chemical Science Labs	Academic Department with lab facility	Science and Humanities	UG / PG / PhD	Both	990	15	3
35	Business Applications Lab	Academic Department with lab facility	Business Administration	UG / PG / PhD	Both	236	15	2
36	Sustainable Building materials research centre	Centre of Excellence with Advance Tools & Equipment	Civil Engineering and Technology	UG / PG / PhD	Both	175	15	4
37	Concrete Research centre	Centre of Excellence with Advance Tools & Equipment	Civil Engineering and Technology	UG / PG / PhD	Both	178	13	5
38	Centre for CAD	Centre of Excellence with Advance Tools & Equipment	Civil Mechanical and Production Technology	UG / PG / PhD	Both	852	48	12
39	Food Testing Research Centre	Centre of Excellence with Advance Tools & Equipment	Chemical Sciences and Engineering	UG / PG / PhD	Both	275	8	2
40	Centre for Renewable Energy	Centre of Excellence with Advance Tools & Equipment	Electrical and Allied Engineering	UG / PG / PhD	Both	625	24	10
41	Centre for Data Science and Big Data Analytics	Centre of Excellence with Advance Tools & Equipment	Computer Science and Allied Engineering	UG / PG / PhD	Both	579	21	12
42	Mofoi Centre for Business Analytics	Centre of Excellence with Advance Tools & Equipment	Business Administration	UG / PG / PhD	Both	225	15	2
43	Centre for excellence in cable technology	Centre of Excellence with Advance Tools & Equipment	Electronics and Allied Engineering	UG / PG / PhD	Both	289	15	5
44	Centre for Excellence in Networking	Centre of Excellence with Advance Tools & Equipment	Information Technology and Allied	UG / PG / PhD	Both	224	20	10
45	Centre for Excellence in Embedded and VLSI design	Centre of Excellence with Advance Tools & Equipment	Electronics and Allied Engineering	UG / PG / PhD	Both	568	25	12

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

46	Centre for Excellence in Advanced RF design	Centre of Excellence with Advance Tools & Equipment	Electronics and Allied Engineering	UG / PG / PhD	Both	356	20	10
47	Advanced CNC centre	Centre of Excellence with Advance Tools & Equipment	Mechanical and Allied Engineering	UG / PG / PhD	Both	543	22	15
48	Centre for Excellence for Energy and Climate Change	Centre of Excellence with Advance Tools & Equipment	Civil Engineering and Chemical Sciences	UG / PG / PhD	Both	353	15	10
49	MEMS and NANO Design Centre	Centre of Excellence with Advance Tools & Equipment	Physical Sciences Engineering	UG / PG / PhD	Both	557	13	5
50	Welding Research Centre	Centre of Excellence with Advance Tools & Equipment	Mechanical Allied Engineering	UG / PG / PhD	Both	433	15	8
51	Centre of Excellence for Low Voltage Switch Gears	Centre of Excellence with Advance Tools & Equipment	Electrical and Allied Engineering	UG / PG / PhD	Both	342	14	6
52	Centre for Salt Testing and Analysis	Centre of Excellence with Advance Tools & Equipment	Chemical Sciences	UG / PG / PhD	Both	325	12	6
53	Centre for Water Treatment and Testing	Centre of Excellence with Advance Tools & Equipment	Civil Engineering	UG / PG / PhD	Both	155	11	8
54	Centre for Remote Sensing	Centre of Excellence with Advance Tools & Equipment	Electronics and Allied Engineering	UG / PG / PhD	Both	527	22	12
55	Centre for Satellite Communication	Centre of Excellence with Advance Tools & Equipment	Electronics and Allied Engineering	UG / PG / PhD	Both	428	18	10
56	Centre for Open Source Software testing	Centre of Excellence with Advance Tools & Equipment	Computer science and Allied Engineering	UG / PG / PhD	Both	625	32	15
57	Centre for Product Design and Development	Centre of Excellence with Advance Tools & Equipment	Mechanical and Allied Engineering	UG / PG / PhD	Both	615	25	15
58	Centre for Virtual Instrumentation	Centre of Excellence with Advance Tools & Equipment	Instrumentation and Allied Engineering	UG / PG / PhD	Both	685	45	15
59	Centre for Excellence in Industrial Automation	Centre of Excellence with Advance Tools & Equipment	Instrumentation and Allied Engineering	UG / PG / PhD	Both	322	20	10
60	Centre for Cyber detective	Centre of Excellence with Advance Tools & Equipment	Computer science and Allied Engineering	UG / PG / PhD	Both	589	21	12
61	Centre for ERP	Centre of Excellence with Advance Tools & Equipment	Computer science and Allied Engineering	UG / PG / PhD	Both	522	24	11
62	PLM centre	Centre of Excellence with Advance Tools & Equipment	Computer science and Allied Engineering	UG / PG / PhD	Both	622	27	18

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201811156
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?		Did any of the participants received any awards/recognition for startup / innovation ideas / research?						
															Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Received Fund (In Rupees)							
1	AICTE Sponsored Short Term Training Programme on "Natural Fiber Composites – Recent Technology for Sustainability and Eco-Friendly Environment"	Innovation	Training	Institute Lead Activity	Mechanical Engineering Department	24-06-2019 00:00:00	29-06-2019 00:00:00	6	Within Campus	148	32	0	12	192	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No						
2	Texbillion 2020	Innovation	Innovation Contest	Student Lead Activity	Department of Electronics and Communication Engineering	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	190	40	0	0	230	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>winner status</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>AQUA drone</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	winner status	Title of Innovation / Start-up Secured the Award / Recognition	AQUA drone	Award/Recognition/Achievement Received for	
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**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

3	Recent Trends in Artificial Intelligence and Robotics	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	10-06-2019 00:00:00	11-06-2019 00:00:00	2	Within Campus	180	20	0	0	200	No	No	
4	International Seminar on Design & Innovation	Innovation	Seminar	Institute Lead Activity	Information Technology	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	90	2	0	0	92	No	No	
5	Discussion on Sustainable Development Goals (SDG) - Innovation and Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Production Engineering	18-12-2019 00:00:00	18-12-2019 00:00:00	1	Within Campus	75	25	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
6	Innovations in New Product Development	Innovation	Exhibition	Institute Lead Activity	Production Engineering	20-12-2019 00:00:00	20-12-2019 00:00:00	1	Within Campus	75	25	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
7	Three days workshop on Recent Trends in Fluid Power Control System & its Industrial Applications	Innovation	Workshop	Institute Lead Activity	Production Engineering	04-02-2020 00:00:00	06-02-2020 00:00:00	3	Within Campus	80	20	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
8	Importance of Industry 4.0 in Today's Industrial Scenario	Innovation	Seminar	Institute Lead Activity	DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	110	20	0	0	130	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

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

9	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING	06-01-2020 00:00:00	08-01-2020 00:00:00	3	Within Campus	85	20	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
10	Lecture Meeting on Innovation Techniques in Consumer Goods Industry	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	345	45	0	0	390	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2150	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research						
1	FDP on Innovation Startup IPR	IPR	Training	JIS College of Engineering	Educational Institute	03-03-2020 00:00:00	09-03-2020 00:00:00	7	0	1	1	No	---	---	No	No						
2	IBM Hack Challenge 2019	Innovation	Hackathon	IBM, Bengaluru	Corporate / Industry Association	30-08-2019 00:00:00	30-08-2019 00:00:00	1	4	1	5	Yes	Special Jury Award	Energy Audit in Household	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Special Jury Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Energy Audit in Household</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Special Jury Award	Title of Innovation / Start-up Secured the Award / Recognition	Energy Audit in Household	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Special Jury Award																					
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**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

6	Hackathon	Innovation	Hackathon	Brakes India Private Limited	Corporate / Industry Association	03-02-2020 00:00:00	07-02-2020 00:00:00	5	4	1	5	Yes	Second Runner up	Machine Vision System for Anodized Aluminium cylinders	No	Award / Position / Recognition Secured	Second Runner up
																Title of Innovation / Start-up Secured the Award / Recognition	Machine Vision System for Anodized Aluminium cylinders
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	ENTREPRENEURSHIP AWARENESS CAMP	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Mechanical Engineering	05-02-2020	08-02-2020	4	Online	102	30
2	Communication skill for Entrepreneurship	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Science and Humanities	10-06-2019	17-06-2019	8	Online	143	36
3	Business Accounting and book keeping for Entrepreneurs	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Management and Business Administration	12-09-2019	19-09-2019	8	Offline	56	42
4	Business branding strategy for Entrepreneurs	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Management and Business Administration	07-10-2019	12-10-2019	6	Offline	62	36
5	Marketing skill for Entrepreneurs	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Management and Business Administration	10-02-2020	15-02-2020	6	Offline	56	36

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	FDP on Intellectual Property Rights	IPR	FDP in I&E / IPR	Department of Electrical and Electronics Engineering	20-04-2020	24-04-2020	5	Online	72	30
2	Fdp on Innovation In Teaching Pedagogy	Innovation	FDP in I&E / IPR	Department of Electrical and Electronics Engineering	15-07-2019	19-07-2019	5	Offline	35	30

3	FDP on how to build a startup and entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	Department of Electrical and Electronics Engineering	20-01-2020	24-01-2020	5	Offline	38	30
4	FDP on Entrepreneurship and Innovation	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Department of Civil Engineering	02-12-2019	06-12-2019	5	Offline	40	30
5	FDP on Emerging trends in Sustainable development in Transportation Engineering	Innovation	FDP in I&E / IPR	Department of Civil Engineering	18-11-2019	22-11-2019	5	Offline	30	30
6	FDP on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	Department of Computer Science and Engineering	06-01-2020	10-01-2020	5	Offline	52	30
7	FDP on Intellectual Property Rights	IPR	FDP in I&E / IPR	Department of Computer Science and Engineering	18-11-2019	22-11-2019	5	Offline	45	30
8	Leadership and Innovation for goal Management	Innovation	MDP in I&E / IPR	Master in Business Administration	03-08-2019	07-08-2019	5	Offline	123	30
9	FDP ON ENTREPRENEURSHIP AND INNOVATION	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Department of Production Engineering	16-12-2019	20-12-2019	5	Offline	30	30
10	FDP ON INTELLECTUAL PROPERTY RIGHTS	IPR	FDP in I&E / IPR	Department of Production Engineering	30-03-2020	03-04-2020	5	Online	30	30
11	FDP ON INNOVATION IN TEACHING PEDAGOGY	Innovation	FDP in I&E / IPR	Department of Production Engineering	13-04-2020	17-04-2020	5	Online	40	30

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

Smo	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	Mr. J. Harinarayanan	Electrical and Electronics Engineering	ASSISTANT PROFESSOR	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC INNOVATION AMBASSADOR TRAINING SERIES	Innovation	Short term Certificate	MHRD	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
2	Balaji N	Instrumentation and control Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Innovation Ambassador Training Series	IPR	Short term Certificate	MHRD	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
3	Dr. Sumathy B	Instrumentation and control Engineering	Associate Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
4	K.Mohanraj	Instrumentation and Control Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	FDP on Innovative in Teaching Pedagogy	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	10-12-2019 00:00:00	14-12-2019 00:00:00	5	Online
5	G.Jayanthi	Instrumentation and Control Engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	FDP on Innovation in Teaching Pedagogy	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	10-12-2019 00:00:00	14-12-2019 00:00:00	5	Online
6	B.Uma Maheshwari	Instrumentation and control Engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
7	Uma Maheswari B	Instrumentation and control engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	FDP on Accreditation and Outcome based Learning	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	09-12-2019 00:00:00	15-12-2019 00:00:00	7	Offline
8	Balaji N	Instrumentation and Control engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
9	Dr.C.Priya	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	PATENT SEARCHING, DRAFTING AND FILING	IPR	Short term Certificate	PANIMALAR INSTITUTE OF TECHNOLOGY, Department of Computer Science and ENgineering	Educational Institute	29-05-2020 00:00:00	02-06-2020 00:00:00	5	Online
10	Dr. M. Nalini	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSOCIATE PROFESSOR		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Innovation, IPR, Entrepreneurship, and Start-ups	Entrepreneurship/Startup	Short term Certificate	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
11	Mr.K.ANBUMANI	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSOCIATE PROFESSOR		Yes		No	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, Entrepreneurship, and Start-ups	Innovation	Short term Certificate	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
12	Ms.S.Premalatha	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, Entrepreneurship, and Start-ups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Offline
13	Ms.R.Gayathiri	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, Entrepreneurship, and Start-ups	Entrepreneurship/Startup	Short term Certificate	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Offline
14	Ms.S.Subha	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, Entrepreneurship, and Start-ups	Entrepreneurship/Startup	Short term Certificate	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
15	Ms.K.Srividya	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Essential of entrepreneurship thinking and action	Entrepreneurship/Startup	Short term Certificate	Coursera-University of California, Irvine	Educational Institute	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
16	Mr.T.Sathies Kumar	ELECTRONICS AND INSTRUMENTATION ENGINEERING		ASSISTANT PROFESSOR		Yes		No	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC INNOVATION AMBASSADOR TRAINING	Innovation	Short term Certificate	MHRD	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Online
17	Mr.B.Senthilkumar	Production Engineering		Assistant Professor		Yes		No	

	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	One Day Workshop on Intellectual Property Rights and Innovations	IPR	FDP in I&E, IPR	CIPR-Centre for Intellectual Property Rights - Anna University	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Offline
18	Mr.M.Manojkumar	Production Engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	One Day Workshop on Intellectual Property Rights and Innovations	IPR	FDP in I&E, IPR	CIPR-Centre for Intellectual Property Rights - Anna University	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Offline
19	Mr.M.R.Ashok	Production Engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	One Day Workshop on Intellectual Property Rights and Innovations	IPR	FDP in I&E, IPR	CIPR-Centre for Intellectual Property Rights - Anna University	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Offline
20	Mr.P.V.Inbanaathan	Production Engineering		Assistant Professor		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	One Day Workshop on Intellectual Property Rights and Innovations	IPR	FDP in I&E, IPR	CIPR-Centre for Intellectual Property Rights - Anna University	Educational Institute	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Offline
21	Dr K Renganathan	Electronics and Instrumentation Engineering		Professor and Head		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Innovation,IPR,Entrepreneurship and start ups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC,MHRD'S INNOVATION CELL NEW DELHI	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
22	Dr Renganathan K	Electronics and Instrumentation Engineering		Professor and Head		Yes		No	
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Course on Creativity and Entrepreneurship	Entrepreneurship/Startup	Short term Certificate	Coursera	International Agencies	02-05-2020 00:00:00	03-05-2020 00:00:00	2	Online
23	R Devakandhan	Civil Engineering		Assistant Professor		Yes		No	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
24	Mr. S. Prabakaran	Electronics and Communication Engineering	Assistant Professor	No	No				
25	Mr. J. Prakash	Electronics and Communication Engineering	Assistant Professor	No	No				
26	Ms. K. Subhashini	Electronics and Communication Engineering	Assistant Professor	No	No				
27	Mr. U. Jayachandhiran	Electronics and communication Engineering	Assistant Professor	No	No				
28	Dr. E. Priya	Electronics and Communication Engineering	Professor	No	No				
29	DR K LAKSHMI JOSHITHA	Electronics and Communication Engineering	Associate Professor	No	No				
30	K DEVIBALAN	Electronics and Communication Engineering	Assistant Professor	No	No				
31	DR S BRINDHA	Electronics and Communication Engineering	Associate Professor	No	No				
32	DR J THAMILSELVI	Electronics and Communication Engineering	Professor	No	No				
33	Dr.T.Porselvi	Electrical and Electronics Engineering	Professor	No	No				
34	Dr. R. Azhagumurugan	Electrical and Electronics Engineering	Associate Professor	No	No				
35	Dr. C. Nayanatara	Electrical and Electronics Engineering	Associate Professor	No	No				
36	Mr. P. Rajakumar	Electrical and Electronics Engineering	Associate Professor	No	No				
37	Mr. R. Sivaprasad	Electrical and Electronics Engineering	Associate Professor	No	No				
38	Ms.Saswati Kumari Behera	Electrical and Electronics Engineering	Associate Professor	No	No				
39	Ms. P. Sharmila	Electrical and Electronics Engineering	Assistant Professor	No	No				
40	Ms. P. Shanmugapriya	Electrical and Electronics Engineering	Assistant Professor	No	No				
41	Ms. N. Anitha	Electrical and Electronics Engineering	Assistant Professor	No	No				
42	Ms. S. Deepa Rohini	Electrical and Electronics Engineering	Assistant Professor	No	No				
43	Ms. M. Hemalatha	Electrical and Electronics Engineering	Assistant Professor	No	No				
44	Ms. L. KurinjiMalar	Electrical and Electronics Engineering	Assistant Professor	No	No				
45	Ms. J. Shalini Priya	Electrical and Electronics Engineering	Assistant Professor	No	No				
46	Ms. V. Malini	Electrical and Electronics Engineering	Assistant Professor	No	No				
47	Mr. S.Mohan	Electrical and Electronics Engineering	Assistant Professor	No	No				
48	Mr.C.Jeeva	Electrical and Electronics Engineering	Assistant Professor	No	No				
49	Ms.C.K.Subasri	Electrical and Electronics Engineering	Assistant Professor	No	No				
50	Mr.M.Ranjithkumar	Electrical and Electronics Engineering	Assistant Professor	No	No				
51	Ms.V.Chithra	Electrical and Electronics Engineering	Assistant Professor	No	No				
52	Ms.P.K.Mini	Electrical and Electronics Engineering	Assistant Professor	No	No				
53	Ms.R.Kothai	Electrical and Electronics Engineering	Assistant Professor	No	No				

54	Dr.T.Subha	Information Technology	Associate Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Methodologies and Practices for Profitable Research through Patents & IPR	IPR	FDP in I&E, IPR	Allinnov R&D Private Limited	Non-Govt. Agencies	04-01-2019 00:00:00	04-01-2019 00:00:00	1	Offline
55	Dr.M.Sureshkumar	Information Technology	Associate Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
56	S Sivakumar	Civil Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
57	R Mohammed Ashick	Civil Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
58	B Shyamala	Civil Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
59	A Sujaatha	Civil Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
60	K Vaidhegi	Civil Engineering	Assistant Professor	Yes	No				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
61	R Mageesh	Civil Engineering	Assistant Professor	Yes	No				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
62	S Sanchita	Civil Engineering		Assistant Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	To promote Innovation, IPR, Entrepreneurship and start-up	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Institution's Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
63	Ms.V.K.G.Kalaiselvi	Information Technology		Assistant Professor				No	No
64	Ms.V.Narmadha	Information Technology		Associate Professor				No	No
65	Dr.T.Sheela	Information Technology		Professor				No	No
66	Dr. B. Vijaya Ramnath	Mechanical Engineering		Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
67	Mr. A. Ravinthiran	Mechanical Engineering		Assistant Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
68	Dr. K. Venkataraman	Mechanical Engineering		Associate Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
69	Dr. N. Vasudevan	Mechanical Engineering		Associate Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
70	Mr.B.Rajapandian	Electronics and Instrumentation		Associate Professor				Yes	No
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
71	Dr.S.Sankari	Information Technology		Associate Professor				No	No
72	Ms.B.Renukadevi	Information Technology		Associate Professor				No	No
73	Dr.T.P.Rani	Information Technology		Associate Professor				No	No
74	Dr.Soma Prathibha	Information Technology		Associate Professor				No	No
75	Ms.J.Vijayalakshmi	Information Technology		Associate Professor				No	No
76	Ms.B.Kamala	Information Technology		Assistant Professor				No	No
77	Ms.S.Susila Sakthy	Information Technology		Assistant Professor				No	No







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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Entrepreneurship club	Startup Club	2016	Co-working Space	Innovation Labs, Innovation Park/Research Park	1	Mr.K.Naresh Raj	cio@sairam.edu.in	1

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation 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			Facility Incharge Phone	Yes	
1	Innovation and Entrepreneurship Development Centre (IEDC)	IEDC	2012	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. A. Rajendra Prasad	98	Yes	Total Annual Income from Training and Skill Development Services (In Rupees)	60000	Yes
						Facility Incharge Email	principal@sairam.edu.in	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)			12000		
						Facility Incharge Phone	9677065557	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)			0		

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

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		Sri Sairam Engineering College		Educational Institute		400000											
2	LeoMuthu Innovation Centre	Innovation Centre	2017	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr R. Karthik eyan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>karthik eyan.ic e@sair am.edu .in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>944427 8137</td> </tr> </table>	Facility Incharge Name	Mr R. Karthik eyan	Facility Incharge Email	karthik eyan.ic e@sair am.edu .in	Facility Incharge Phone	944427 8137	35	No	No	Yes
Facility Incharge Name	Mr R. Karthik eyan																
Facility Incharge Email	karthik eyan.ic e@sair am.edu .in																
Facility Incharge Phone	944427 8137																
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		Sri Sairam Engineering College, West Tambaram, Chennai		Educational Institute		500000											

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	Oracle Academy	2016	IPR Cell/Technology Transfer Centre	Oracle Academy	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms.J.J ulie</td> </tr> <tr> <td>Facility Incharge Email</td> <td>julie.it @saira m.edu. in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99942 66382</td> </tr> </table>	Facility Incharge Name	Ms.J.J ulie	Facility Incharge Email	julie.it @saira m.edu. in	Facility Incharge Phone	99942 66382	3	No	No	No
Facility Incharge Name	Ms.J.J ulie														
Facility Incharge Email	julie.it @saira m.edu. in														
Facility Incharge Phone	99942 66382														

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

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

1	Sri Sairam Techno Incubator Foundation	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr K Maran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>directorsims@sairam.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8754501112</td> </tr> </table>	Facility Incharge Name	Dr K Maran	Facility Incharge Email	directorsims@sairam.edu.in	Facility Incharge Phone	8754501112	5	No	No	Yes
Facility Incharge Name	Dr K Maran														
Facility Incharge Email	directorsims@sairam.edu.in														
Facility Incharge Phone	8754501112														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		Sapthagiri Educational Trust			Educational Institute		1500000								

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Sairam Innovation park	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr S.Vaidhiyanathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vaidyanathan.mech@sairam.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444021263</td> </tr> </table>	Facility Incharge Name	Dr S.Vaidhiyanathan	Facility Incharge Email	vaidyanathan.mech@sairam.edu.in	Facility Incharge Phone	9444021263	25	Yes	No	Yes
Facility Incharge Name	Dr S.Vaidhiyanathan														
Facility Incharge Email	vaidyanathan.mech@sairam.edu.in														
Facility Incharge Phone	9444021263														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		Sapthagiri Educational Trust			Educational Institute		1000000								

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

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

1	Sairam IPR cell	2017	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr G Puthilibai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>puthilibai.che@sairam.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8072559655</td> </tr> </table>	Facility Incharge Name	Dr G Puthilibai	Facility Incharge Email	puthilibai.che@sairam.edu.in	Facility Incharge Phone	8072559655	5	Yes	No	Yes
Facility Incharge Name	Dr G Puthilibai														
Facility Incharge Email	puthilibai.che@sairam.edu.in														
Facility Incharge Phone	8072559655														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		Sapthagiri Education Trust			Educational Institute		500000								

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	HARINARAYANAN J	ASSISTANT PROFESSOR	Entrepreneurship/Startup Development	8
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Waste Management / Waste to Wealth Creation		Within		
2	HARINARAYANAN J	ASSISTANT PROFESSOR	Idea/Innovation Development	8
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
IoT Based Greenhouse Monitoring and Controlling System		Within		
3	Dr. B. Meenakshi	Professor	Idea/Innovation Development	15
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Brain Wave Based Authentication System using self Powered Sensors		Within		
4	Dr. B. Meenakshi	Professor	Entrepreneurship/Startup Development, IPR Protection & Commercialization	15
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Alzheimer Tracking System		Within		
Tetrapod Automation in the Shambles management with the fish eye lens Pi Cam		Within		
5	Balaji N	Assistant Professor	IPR Protection & Commercialization	10
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Segmentation and Classification		Within		

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6	Mr.T.Sathies Kumar	ASSISTANT PROFESSOR	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Lung cancer detection		Within	
7	Mr. S. Prabakaran	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Under water Drone		Within	
8	Mr. J. Prakash	Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Coral detecting AUV - TRITON		Within	
9	Ms. K. Subhashini	Assistant Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Shelf Traversing Bot for Industrial and Commercial Applications		Within	
10	Mr. U. Jayachandhiran	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	QUADFAC- WIRELESS STEAM TRAP MONITORING SYSTEM		Outside	
11	Dr. E. Priya	Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Identification of sEMG based arm actions using feature extraction and machine learning techniques		Within	
12	Dr.B.Latha	Professor and Head	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Secure Messenger		Within	
	Posture Comparison App Using Artificial Intelligence		Within	
13	Mr.J.Jegan Amarnath	Associate Professor	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A Smart Air Quality Prediction Using Deep Learning Algorithms		Within	
	Open Eye Stick		Within	
14	Mr. M.Balamurugan	Assistant Professor	Idea/Innovation Development	17

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	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Enhanced Smart Video Surveillance System For Theft Detection In Sensitive Areas		Within	
15	V.Lalitha	Associate Professor	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Leukocyte Classification And Reporting Using Densenet		Within	
16	Dr.R.Uma	Assistant Professor	Idea/Innovation Development	25
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Interviewer		Within	
	Plant Disease Detection Using Cnn		Within	
17	R.Valarmathi	Associate Professor	Idea/Innovation Development	19
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Digital Certificate Substantiator		Within	
18	M.Kiruthiga Devi	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Pathogenic Contaminated Disease Diagnosis System-Using Machine Learning		Within	
19	K.Latha	Assistant Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Virtual Education Using Deep Learning Technique		Within	
20	Dr.M.Nithya	Assistant Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Synchronous Traffic Light Control Using Computer Vision And Reinforcement Learning		Within	
21	G.Manimala	Associate Professor	Idea/Innovation Development	22
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automated Ambulance Detection Using Image Processing		Within	
22	Dr.J.K.Periasamy	Associate Professor	Idea/Innovation Development	18



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	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Soil Classification And Crop Suggestion Using Machine Learning Techniques		Within	
23	Dr.S.Samundeswari	Assistant Professor	Idea/Innovation Development	16
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	MINIMAL MACHINE VISION SETUP FOR AUTOMOBILE PART INSPECTION USING MASK BASED R-CNN AND DIGITAL MICROSCOPE		Within	
24	K LAKSHMI JOSHITHA	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Dapsense i-order-augmented Reality based Restaurants		Within	
	Implementation of antipilferage and anti leakage system for fuel tankers		Within	
25	K DEVIBALAN	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based Pest Control and Robot Farming		Within	
26	DR S BRINDHA	Associate Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	QUALITY PRESERVATION AND PEST CONTROL TECHNIQUE FOR FOOD GRAIN STORAGE STRUCTURES		Within	
27	DR J THAMILSELVI	Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SEED VIABILITY ASSESSMENT USING THERMAL IMAGE BASED TEMPARATURE PROFILE		Within	
28	Dr K Renganathan	Professor and Head	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fake currency detection		Within	
29	Dr.C.Priya	ASSISTANT PROFESSOR	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mobscope		Within	
30	Dr S Durgadevi	ASSISTANT PROFESSOR	Idea/Innovation Development	9

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	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart blind assistance using Machine learning	Within	
31	Mr.K.ANBUMANI	ASSOCIATE PROFESSOR	Idea/Innovation Development
	9		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Milk quality Analysis	Within	
32	Dr S Durgadevi	ASSISTANT PROFESSOR	Idea/Innovation Development
	9		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart assistance for Blind using machine learning	Within	
33	Ms.S.Premalatha	ASSISTANT PROFESSOR	Idea/Innovation Development
	7		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mouth Cancer detection using image processing	Within	
34	Ms.S.Subha	ASSISTANT PROFESSOR	Idea/Innovation Development
	8		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automatic trolley with remote access and path surveillance	Within	
35	Ms.K.Srividya	ASSISTANT PROFESSOR	Idea/Innovation Development
	8		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Drowsiness alert system using Deep learning	Within	
36	Dr.T.Porselvi	Professor	Idea/Innovation Development
	20		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IOT BASED GREENHOUSE MONITORING AND CONTROLLING SYSTEM	Within	
37	Mr. S.Mohan	Assistant Professor	Idea/Innovation Development
	7		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	PHOTOVOLTAIC FED FLYBACK CONVERTERS USING IMPROVED PERTURB AND OBSERVE ALGORITHM	Within	
38	Ms. V. Malini	Assistant Professor	Idea/Innovation Development
	12		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SUBTERRANEAN CABLE FAULT LOCATER USING IOT	Within	

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39	Ms. J. Shalini Priya	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CONTROLLING DAM WATER GATES USING MOBILE PHONE WITH GSM MODULE		Within	
40	Ms. L. KurinjiMalar	Assistant Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ONLINE MONITORING ON EFFLUENT TREATMENT PLANT IN POWER PLANT		Within	
41	Ms. M. Hemalatha	Assistant Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CLOUD BASED SECURED HEALTH CARE MONITORING WITH PROMPT NOTIFICATION USING CONNECTED DEVICES		Within	
42	Mr. D.Arulselvam	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ROBOTIC HAND GESTURE SYSTEM WITH GSM and CAMERA CONTROL		Within	
43	Mr. M. Rajasekaran	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DFIG BASED DUAL ROTOR WIND TURBINE		Within	
44	Mr. K. Rajkumar	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	WIND TURBINE GENERATORS IN PARALLEL CONNECTION FOR OSCILLATION STABILITY OF A WIND FARM USING NODE MCU		Within	
45	Dr. R. Azhagumurugan	Associate Professor	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SMART SOLAR MONITORING SYSTEM USING ESP8266 WITH TRACKING & CLEANING MECHANISM		Within	
46	Dr. C. Nayanatara	Associate Professor	Idea/Innovation Development	14
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LOAD FLOW ANALYSIS OF INDUSTRIAL AND COMMERCIAL POWER SYSTEM USING ETAP		Within	
47	B.Uma Maheshwari	Assistant Professor	Idea/Innovation Development	10

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	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AUTOMATIC PROPORTIONAL AND TIMER CONTROL FOR CHEMICAL MIX IN PROCESS INDUSTRIES		Within	
48	R Pamila	Associate Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Use of Plastic waste in Rigid Pavement		Within	
49	Balaji N	Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	BRAIN TUMOR SEGMENTATION AND CLASSIFICATION USING PREDICTION ALGORITHM		Within	
50	Dr. Sumathy B	Associate Professor	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN OF ENERGY EFFICIENT DUAL RANGE COMBUSTION CONTROL FOR BOILER USING IOT		Within	
51	K.Mohanraj	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SMART SAFETY SYSTEMS FOR WORKERS IN PROCESS INDUSTRIES USING IoT		Within	
52	R Mohammed Ashick	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Replacement of Reinforcement by Bamboo		Within	
53	G.Jayanthi	Assistant Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LOW COST MOBILE INVERTED PENDULUM USING KALMAN FILTER WITH FUZZY BASED PID CONTROLLER		Within	
54	R.Chithrakkannan	Associate Professor	Idea/Innovation Development	19
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SMART ENERGY METER USING GSM MODULE		Within	
55	S.Gowriswari	Assistant Professor	Idea/Innovation Development	18

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	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FAULT IDENTIFICATION AND PROTECTION OF INDUCTION MOTOR USING PLC AND SCADA	Within	
56	R.Karthikeyan	Assistant Professor	Idea/Innovation Development
	PERSONALIZED SECURITY SYSTEM FOR PROCESS INDUSTRIES	Within	
57	Dr.T.Sheela	Professor	Idea/Innovation Development
	Mobile App for the Ongoing pandemic corona virus disease	Within	
58	Ms.V.Narmadha	Associate Professor	Idea/Innovation Development
	MACHINE LEARNING BASED TOOL FOR RETINAL IMAGE PROCESSING	Within	
59	Ms.V.K.G.Kalaiselvi	Assistant Professor	Idea/Innovation Development
	Life Improvement Online Call Centre	Within	
60	Ms.V.K.G.Kalaiselvi	Assistant Professor	Idea/Innovation Development
	Excellence Through Education (ETE)	Within	
61	Ms.V.K.G.Kalaiselvi	Assistant Professor	Idea/Innovation Development
	NULLTECH	Within	
62	Dr.T.Subha	Associate Professor	Idea/Innovation Development
	Facial Gestures Based Control System for Differently Abled Individuals	Within	
63	Dr.T.Subha	Associate Professor	Idea/Innovation Development
	Energy Audit in Households	Within	

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64	Mr. P. Rajakumar	Associate Professor	Idea/Innovation Development	14
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	BRUSHLESS EXCITATION SYSTEM		Within	
65	Mr. R. Sivaprasad	Associate Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ARTIFICIAL INTELLIGENCE TRACING FOR INHERENT POTENTIAL LEAKAGE OBSERVANCE		Within	
66	Ms.Saswati Kumari Behera	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AUTONOMOUS TRANSPORTATION SYSTEM		Within	
67	Dr.T.Subha	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Hand Hygiene Compliance and Patient Security in Hospitalsusing IoT		Within	
68	Ms. P. Sharmila	Assistant Professor	Idea/Innovation Development	14
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	POWER QUALITY ANALYSIS AND AUTOMATIC POWER FACTOR CORRECTION IN THERMAL POWER PLANT USING IoT PLATFORM		Within	
69	Mr.B.Senthilkumar	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SELF SUSTAINABLE INDOOR PLANT POT WITH INDICATOR		Within	
70	Dr. B. Vijaya Ramnath	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Composite Materials		Outside	
71	Dr. K. Venkataraman	Associate Professor	Entrepreneurship/Startup Development	33
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Industrial Engineering		Within	
72	Dr. N. Vasudevan	Associate Professor	Entrepreneurship/Startup Development	15

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	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Composite Materials	Within	
73	Dr S Durgadevi	ASSISTANT PROFESSOR	Idea/Innovation Development
	Blind Assistance System	Within	
74	Mr.K.ANBUMANI	ASSOCIATE PROFESSOR	Idea/Innovation Development
	Milk Quality Detection	Within	
75	Ms.S.Premalatha	ASSISTANT PROFESSOR	Idea/Innovation Development
	Skin cancer	Within	
76	Ms.S.Subha	ASSISTANT PROFESSOR	Idea/Innovation Development
	closed loop control for diabetic patients	Within	
77	Dr. M. Nalini	ASSOCIATE PROFESSOR	Idea/Innovation Development
	Self Medication for diabetics	Within	
78	Ms.R.Gayathiri	ASSISTANT PROFESSOR	Idea/Innovation Development
	Epileptic seizure detection	Within	
79	Ms.K.Srividya	ASSISTANT PROFESSOR	Idea/Innovation Development
	Drowsiness alert system	Within	
80	Mr.B.Rajapandian	Associate Professor	Idea/Innovation Development
	Design and development of high accuracy development sensor	Within	

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81	Dr.S.Sankari	Associate Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Room for Kids		Within	
An aid for novice through data analytics		Within		
82	Dr.T.Sheela	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Pestilence diagnoser (A smart diagnose using IoT and AI)		Within	
83	Ms.S.Susila Sakthy	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Detection of diabetic Retinopathy (DR) using Machine Learning.		Within	
84	Dr.Soma Prathibha	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Plant disease detection using deep learning and convolution neural network		Within	
85	Ms.B.Kamala	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Aidys-Learning Aid For Dyslexics Based On Multisensory Approach		Within	
86	Ms.J.Vijayalakshmi	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Water Quality Detector using Internet Of Things		Within	
87	Dr.T.P.Rani	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	THE THIRD EYE – A wearable device for visually impaired to pick objects		Within	
88	Mr. A. Ravinthiran	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Computer Aided Design		Within	
89	Dr. B. Vijaya Ramnath	Professor	Idea/Innovation Development	21



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	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DEVELOPMENT OF AUTOMATED AGRICULTURE VEHICLE	Within	
90	Dr. B. Vijaya Ramnath	Professor	Idea/Innovation Development
	21		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ANALYSIS AND FABRICATION OF AZ91 MAGNESIUM ALLOY- CNT REINFORCED COMPOSITE FOR AUTOMOBILE WHEEL	Within	
91	Mr. M. Suresh	Professor	Idea/Innovation Development
	28		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EXPERIMENTAL STUDIES ON PENTAGON SHAPED SOLARSTILL WITH DIFFERENT HEAT STORAGE MATERIALS	Within	
92	Dr. C. Elanchezhian	Professor	Idea/Innovation Development
	27		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND DEVELOPMENT OF HEXACOPTER BASED ON AGRICULTURE PURPOSE	Within	
93	Dr. C. Elanchezhian	Professor	Idea/Innovation Development
	27		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DEVELOPMENT OF PORTABLE SUGARCANE HARVESTER	Within	
94	Dr. N. Mani	Professor	Idea/Innovation Development
	20		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND SIMULATION OF THE EFFICIENT CARBON FIBRE REINFORCED POLYMER STRUCTURES TO IMPART THE CRASHWORTHINESS	Within	
95	Dr. V.M. Manickavasagam	Associate Professor	Idea/Innovation Development
	24		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND DEVELOPMENT OF INSPECTION ROBOT	Within	
96	Mr. G. Ramakrishnan	Associate Professor	Idea/Innovation Development
	24		
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	STUDY OF WEAR CHARACTERISTICS OF BASALT BANANA FIBRE COMPOSITE	Within	
97	Mr. G. Ramakrishnan	Associate Professor	Idea/Innovation Development
	24		

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Tool Design Analysis for Productivity Improvement of Brake Housing Assembly	Within	
98	Dr. K. Venkataraman	Associate Professor	Idea/Innovation Development
	Dr. K. Venkataraman	Associate Professor	23
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN ANALYSIS AND FABRICATION OF TWO WHEELED FORKLIFT FOR INDUSTRY WAREHOUSE	Within	
99	Mr. V. Ravi Raj	Associate Professor	Idea/Innovation Development
	Mr. V. Ravi Raj	Associate Professor	25
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LOW COST AUTOMATION IN CYLINDER HEAD SUBASSEMBLY EQUIPMENT IN RECON ENGINE ASSEMBLY AREA	Within	
100	Dr. L. Saravanakumar	Associate Professor	Idea/Innovation Development
	Dr. L. Saravanakumar	Associate Professor	20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EXPERIMENTAL INVESTIGATION ON FOUR STROKE DIESEL ENGINE USING ALGAE BIODIESEL WITH AND WITHOUT EGR	Within	
101	Dr. R. Ashok Gandhi	Associate Professor	Idea/Innovation Development
	Dr. R. Ashok Gandhi	Associate Professor	20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SETUP TIME REDUCTION IN H-CYLINDER BLOCK LINE	Within	
	DESIGN AND DEVELOPMENT OF SAIL TYPE WIND TURBINE WITH SOLAR PANEL	Within	
	REDUCING THE IMPACT FORCE FOR AN OFF-ROAD VEHICLE	Within	
102	Dr. M. Arul Prakash	Associate Professor	Idea/Innovation Development
	Dr. M. Arul Prakash	Associate Professor	20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FORCED SOLAR DRIER USING REFLECTORS	Within	
103	Mr. S. Ravindran	Assistant Professor	Idea/Innovation Development
	Mr. S. Ravindran	Assistant Professor	18
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF MULTI PURPOSE HARVESTING SYSTEM	Within	
104	Mr. R. Bhoopathi	Assistant Professor	Idea/Innovation Development
	Mr. R. Bhoopathi	Assistant Professor	17
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FABRICATION AND EVALUATION OF MECHANICAL PROPERTIES AND MANUFACTURING CHARACTERISTICS OF TAPSI (STERCULIA URENS) FIBER REINFORCED POLYMER COMPOSITES FOR STRUCTURAL APPLICATION	Within	

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

105	Mr. S. Krishnaraj	Assistant Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AERODYNAMIC ANALYSIS OF HYBRID DRONE		Within	
Design and Manufacturing of Constant Ratio Two Stage Reduction Gear Train		Within		
106	Mr. V. Pandyaraj	Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	INBOARD BRAKING SYSYTEM IN AN OFF-ROAD VEHICLE		Within	
CONCEPTUAL DESIGN AND DEVELOPMENT OF ELECTRICAL CLEANING SYSTEM		Within		
107	Mr. R. Senthil Kumar	Assistant Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF SOLAR HERBAL DECOCTION EXTRACTOR		Within	
FABRICATION OF FIBRE METAL LAMINATE		Within		
108	Mr. T. Ganesh	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF BLADELESS TURBOCHARGER		Within	
109	Dr. S. Rajesh	Associate Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	HEAT RECOVERY AND PNEUMATIC BRAKING SYSTEM USING THERMO ELECTRIC GENERATOR		Within	
110	Dr. C. Parswajinan	Associate Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ANALYSIS AND STUDY OF CHARACTERISATION ON JOINING TWO DISSIMILAR METALS USING FRICTION STIR WELDING		Within	
111	Mr. M. Sudhakar	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EXPERIMENTAL INVESTIGATION ON HYBRID PENTAGONAL PYRAMID SOALR STILL INTEGRATED WITH PV/T SYSTEM		Within	
112	Mr. M.C. Anand Chakaravarthi	Assistant Professor	Idea/Innovation Development	9

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN OF COMPACT PORTABLE REFRIGIRATION SYSTEM USING WASTE HEAT RECOVERY		Within	
113	Mr. A. Ravinthiran	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FLOW ANALYSIS AND COMPARISON OF HEATEXCHANGER HEADERS OF VARYING CROSS SECTIONS		Within	
	GENERATION OF ENERGY USING ANEMOGENNITRIA		Within	
114	Mr. S. Ganapathy	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	OPTIMIZATION OF PARAMETERS IN EDM USING SQUARE SHAPED ELECTRODE		Within	
115	Mr. N. Elangovan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	REMOTELY OPERATED LAKE CLEANUP MACHINE		Within	
116	Mr. Priyadarshi Dutt	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND DEVELOPMENT OF AUTOMATIC COIL WINDING MACHINE USING ARDUINO		Within	
117	Mr. P. Vijaya Rajan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SEMI-AUTOMATIC HULLER MACHINE		Within	
118	Mr. M. Murugan	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	PELTIER INTEGRATED HEATING & COOLING JACKET		Within	
119	Mr. T. Babu	Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF ANTI-THEFT WHEEL LOCKING SYSTEM		Within	
120	Mr. D. Prabu	Assistant Professor	Idea/Innovation Development	12

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SOLAR WATER DISTILLATION		Within	
121	Mr. S. Ramanathan	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND DEVELOPMENT OF PICK AND PLACE MACHINE FOR SURFACE MOUNTING DEVICES		Within	
122	Mr. V. Ranjith Kumar	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF LIFTING MECHANISM IN THE DRILLING MACHINE		Within	
123	Mr. P. Manikandan	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	WATER POLLUTION CONTROL USING AQUA DRONE		Within	
124	Mr. M. Raajasekar	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AUTOMATION OF PNEUMATIC BENDING PRESS USING PLC AND MICROCONTROLLER		Within	
125	Mr. E. Naveen	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF E-SCOOTER FOR INTER LOCALITY TRANSPORTATION		Within	
126	Mr. S. Siva Chandran	Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESIGN AND FABRICATION OF GEARED E-BIKE		Within	
127	Mr.E.Vetre Selvan	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FABRICATION OF SEABIN		Within	
128	Prabakaran S	Assistant professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A.Q.U.A drone (POC)		Within	

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

129	Jayachandiran U	Assistant professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Stream Trap Health Monitoring		Outside	
130	Dr.C.Priya	ASSISTANT PROFESSOR	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Home Security		Within	
131	Ms.C.Komathi	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wifi Enabled Power extension board		Within	
132	Mr.R.Premkumar	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Tyre Pressure Monitoring System		Within	
133	Ms.K.Thirupurasundari	Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Prevention of Accident using RSSI		Within	
134	Ms.T.Tamilselvi	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Doctor Assist system		Within	
135	Ms.B.Puviyarasi	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Line air Quality index		Within	
136	Ms.N.Nithyarani	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	PID enabled drone		Outside	
137	M.Subramanian	Assistant Professor	Idea/Innovation Development	10

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Detection of Glaucoma		Within	
138	Mr.K.Madhanamohan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Engine oil monitoring using IoT		Within	
139	Dr.S.Arunprasad	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	QUADFAC- WIRELESS STREAM TRAP MONITORING SYSTEM		Within	
140	Mr.P.V.Inbanaathan	Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Performance Analysis of Isothermal Reciprocating Compressor Using CFD And Its Experimental Validation With Graphene Based Nanofluid		Within	
141	Mr.M.Manojkumar	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Application of IIOT In Colour Shade Sorting Conveyor		Within	
142	Dr.U.Tamilarasan	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fabrication of the Hybrid Composite of Glass Fiber With Coir Fiber for Automobile Mudguard		Within	
143	Dr. E. Priya	Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Artificial Intelligence based index to identify, indicate and ransom from suicide ideation		Within	
144	DR J THAMILSELVI	Professor	Idea/Innovation Development	13
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Artificial Intelligence based early breast cancer screening tool using thermal images - 3D model approach		Within	
145	Dr.J.Arunarasi	Associate Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Hygiene disposal of sanitary napkins in high rise building using Incinerator		Within	

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

146	DR S BRINDHA	Associate Professor	Idea/Innovation Development	13						
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Energy and electromagnetic pollution studies on Radio over fiber based multi-operator multi-service for 5G and beyond 5G wireless Communication systems</td> <td>Within</td> <td></td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Energy and electromagnetic pollution studies on Radio over fiber based multi-operator multi-service for 5G and beyond 5G wireless Communication systems	Within	
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)								
Energy and electromagnetic pollution studies on Radio over fiber based multi-operator multi-service for 5G and beyond 5G wireless Communication systems	Within									
147	Dr S Sumathi	Professor	Idea/Innovation Development	13						
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Design and Development of a Low-Cost Multi-functional Smart Portable Ventilator for Global Production</td> <td>Outside</td> <td>TPN / 58967</td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Design and Development of a Low-Cost Multi-functional Smart Portable Ventilator for Global Production	Outside	TPN / 58967
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)								
Design and Development of a Low-Cost Multi-functional Smart Portable Ventilator for Global Production	Outside	TPN / 58967								
148	Dr S Sumathi	Professor	Idea/Innovation Development	13						
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Bioplastic Degrading into Fertilizers by Eradicating Plastic Waste</td> <td>Outside</td> <td>TPN / 59482</td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Bioplastic Degrading into Fertilizers by Eradicating Plastic Waste	Outside	TPN / 59482
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)								
Bioplastic Degrading into Fertilizers by Eradicating Plastic Waste	Outside	TPN / 59482								
149	J Prakash	Assistant Professor	Idea/Innovation Development, IPR Protection & Commercialization	5						
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Solar Powered Insect Pest Control Device</td> <td>Within</td> <td></td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Solar Powered Insect Pest Control Device	Within	
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)								
Solar Powered Insect Pest Control Device	Within									
150	Mr K Srinivasan	Assistant Professor	Idea/Innovation Development	5						
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Crop Data Surveillance &amp; Navigation</td> <td>Within</td> <td></td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Crop Data Surveillance & Navigation	Within	
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)								
Crop Data Surveillance & Navigation	Within									

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Ms. Kasthuri Mohan, Asst. Controller of Patents, Designs & Trademarks, Intellectual Property of Indi	IPR Protection & Commercialization	Unstructured Mentorship
2	Mr. M. Yokees Kumar, CEO, OneYes Technologies	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mr.S.RamDiwakar, Technical Director, Thermo forge Engineering industries Private Limited, Chennai	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Mr.R.Sathyanarayanan, Head / Operation Honeywell Electrical Devices and Systems India Limited. Poona	Idea/Innovation Development	Unstructured Mentorship
5	Mr. B. A.S Narayanan, Branch Manager, City Unon Bank, Poonthandalam Branch, Chennai	Entrepreneurship/Startup Development	Unstructured Mentorship
6	Mr. S. Premanand, CEO, LMES, Chennai, Sri SairamTechno Incubator foundation, Chennai	Entrepreneurship/Startup Development	Unstructured Mentorship
7	NASSCOM	Idea/Innovation Development	Structured Mentorship



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

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	-	25-02-2020	25-02-2020	1	2	85	Innovation/Prototype
	Future Skills Training Program	10-12-2019	11-12-2019	2	4	292	Idea
8	PANIIT Alumni Leadership Series (PALS)	Idea/Innovation Development,Entrepreneurship/Startup Development			Structured Mentorship		
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	CURIOUS PROGRAM by IITM HTICMedTech Incubator	17-10-2019	18-10-2019	2	6	3	Innovation/Prototype
	PALS-ANALYSE-Case Study Event	14-08-2019	14-08-2019	1	4	120	Idea
	PALS-ACQUIRE - Emerging technologies - Future Proo	08-08-2019	08-08-2019	1	2	27	Innovation/Prototype
	PALS ACQUIRE -IOT -ML -AI	30-07-2019	30-07-2019	1	2	20	Idea
9	ICT Academy	Idea/Innovation Development,Entrepreneurship/Startup Development			Unstructured Mentorship		
10	Mr. R.A. Vijay Venkatesh, QuAity Compliance Security Consultant, Astra Zeneca	Entrepreneurship/Startup Development			Unstructured Mentorship		
11	R. SathishRaj, CEO, Crusaders, Chennai	Entrepreneurship/Startup Development			Unstructured Mentorship		
12	Mr. Ranjit Sen Gupta, Vectra Techno Soft Private Limited	Idea/Innovation Development,Entrepreneurship/Startup Development			Unstructured Mentorship		
13	Mr. S. Ramachandran, Senior Delivery Manager, TPF Software,Chennai	Idea/Innovation Development			Unstructured Mentorship		
14	Mr. N.Rajendran, Team manager, Accenture, Chennai	Idea/Innovation Development			Unstructured Mentorship		
15	Mr.G.Nagendran, Director, CADDAM Technology Pvt Ltd, Chennai	Entrepreneurship/Startup Development			Structured Mentorship		
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Short term Certificate program	17-02-2020	21-02-2020	5	2	75	Idea
16	Muthuram Govindarasu	Idea/Innovation Development			Unstructured Mentorship		
17	LEMA LABS, IIT Madras Incubation Cell, IIT Madras Research Park	Idea/Innovation Development,Entrepreneurship/Startup Development			Structured Mentorship		
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Kaizen Robotics Workshop- 6 days Intensive Traini	06-09-2019	12-09-2019	7	3	40	Innovation/Prototype
18	Cephas Medical Private Limited	Idea/Innovation Development			Unstructured Mentorship		
19	Kadhir Sudhir Solutions Pvt. Ltd	Entrepreneurship/Startup Development			Unstructured Mentorship		
20	A.V.Joshi Kumar	Idea/Innovation Development			Unstructured Mentorship		
21	Mr.Sivadinesh, Plutonic Geeks	Idea/Innovation Development			Unstructured Mentorship		

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

22	Mr.Natarajan, Director, Voicesnap	Idea/Innovation Development	Unstructured Mentorship				
23	Mr.Santhosh, VR Savvy	Idea/Innovation Development	Unstructured Mentorship				
24	Mr.Mithilesh,MIT Square	Idea/Innovation Development	Unstructured Mentorship				
25	Mr.Senthikumar,Perfect Solutions	Idea/Innovation Development	Unstructured Mentorship				
26	Mr.Rangarajan,Zoho Corporation	Idea/Innovation Development	Unstructured Mentorship				
27	Dr P A Manoharan	Idea/Innovation Development	Unstructured Mentorship				
28	Texas instruments	Idea/Innovation Development	Structured Mentorship				
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Robotic System Design	24-04-2019	26-04-2019	3	2	30	Innovation/Prototype
29	Mr.Swarna Ravindra Babu, Founder &CEO, CAISER,	Idea/Innovation Development	Structured Mentorship				
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	Embedded Protocol Developer	16-09-2019	21-09-2019	6	2	26	Innovation/Prototype
30	Mr.S.Prasad, Director, Beebox studios, IIT research park, Chennai.	Idea/Innovation Development	Structured Mentorship				
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	3D possibilities, Virtual and Augmented reality.	11-06-2019	11-06-2019	1	1	22	Innovation/Prototype
31	Mr. P.V. Krishnan, Team Manager, Royal Enfield	Idea/Innovation Development	Unstructured Mentorship				
32	Mr K. Krishnamoorthy, Manager - Operations, UCAL FUEL SYSTEMS LIMITED	Idea/Innovation Development	Unstructured Mentorship				
33	Mr. E. Arun, Engineer, Turbo Energy India (P) Ltd, Chennai	Idea/Innovation Development	Unstructured Mentorship				
34	Ms M.Shanmuga Priya, Engineer, Twin City Fans and Blowers Pvt.Ltd; Kundrathur Road, porur, Chennai-1	Idea/Innovation Development	Unstructured Mentorship				
35	Mr. P.S.Rajagopalan, Vice President (Southern Zone), Tata Consultancy Services	Idea/Innovation Development	Unstructured Mentorship				
36	Mr.L.G.Navaneetha Srinivasagan, Managing Director, ShreeGuru plastics	Entrepreneurship/Startup Development	Unstructured Mentorship				
37	Mr.N.Vlijo, AGM, ASHOK LEYALAND	Idea/Innovation Development	Structured Mentorship				
	<b>Structured Mentorship Program Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Total No of Days of Mentorship Program</b>	<b>No of Mentors Involved</b>	<b>Mentorship Cohort Size (No. of Mentee)</b>	<b>Type of Mentee</b>
	DOPE FEST 2019	04-09-2019	04-09-2019	1	3	50	Idea
38	Mr.Subburaj, Manager, CADDAM TECHNOLOGIES PVT LTD	Idea/Innovation Development	Structured Mentorship				

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

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	3D PRINTING WORKSHOP	26-09-2019	26-09-2019	1	2	20	Innovation/Prototype
39	Mr.N.Lakshminarasimhan,General Manager (HR),BRAKES INDIA LIMITED		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	INTERNSHIP FEST	25-11-2019	25-11-2019	1	1	50	Idea
40	Mr.C.Prakash, GM & Head,ASHOK LEYALAND		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Engine Management System	23-01-2020	23-01-2020	1	1	22	Idea
41	Mr.K.S.Prakash,AGM, ASHOK LEYALAND		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Recent Trends In Fluid Power Control System and It	04-02-2020	06-02-2020	3	4	20	Idea
42	Mr.A.Anand,Divisional Manager,ASHOK LEYALAND		Idea/Innovation Development			Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	PROJECT EXHIBITION	11-03-2020	11-03-2020	1	1	12	Innovation/Prototype
43	Mr. R.Prabhakaran, General Manager, Rane Group, Chennai.		Idea/Innovation Development			Unstructured Mentorship	
44	Mr. E.Sidhu Vilaji, Analyst, Ford GTBC, SEZ Avenue, Elcot SEZ, Sholinganallur, Chennai.		Idea/Innovation Development			Unstructured Mentorship	

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20		Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019										
									Agency Name	Agency Type														
1	Health Assistive Device for Multiple Disabled People	Product Innovation	Technological	IEDC	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name	SSN College of Engineering	No	No	No	No										
									Agency Type	Educational Institute														
									Award / Position / Recognition Secured	First place with cash award														
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>V.K.G.Kalaiselvi</td> <td>Faculty</td> <td>Female</td> <td>kalai.it@sairam.edu.in</td> <td>9003241381</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	V.K.G.Kalaiselvi	Faculty	Female	kalai.it@sairam.edu.in	9003241381
Name	Type	Gender	Email	Contact																				
V.K.G.Kalaiselvi	Faculty	Female	kalai.it@sairam.edu.in	9003241381																				
2	ONLINE DIABETES PREDICTOR	Product Innovation	Technological	IEDC	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name	Buoyanci	No	No	No	No										
									Agency Type	Not-Govt. Agencies														
									Award / Position / Recognition Secured	Fifth position														

Name		Type							Gender		Email		Contact									
Dr.M.Ananthi		Faculty							Female		ananthi.it@sairam.edu.in		9444009711									
3	BCI auxilior for the hearing and speech impaired Populus	Product Innovation	Technol ogical	TNSCS T	Stude nt-Facul ty	TRL 1 : Basic resear ch. Princi ples postu lated and obser ved but no exper imental proof availa ble.	TRL 4 : Small scale protot ype built in a labor atory enviro nment ("ugly s protot ype).	Innovati on Develop ment Ongoing	<table border="1"> <tr> <td>Agen cy Nam e</td> <td>TN SC ST</td> </tr> <tr> <td>Agen cy Type</td> <td>Gov t. Age ncy (Sta te)</td> </tr> <tr> <td>Awar d / Positi on / Reco gnitio n Secu red</td> <td>Gran t Rec eive d</td> </tr> </table>	Agen cy Nam e	TN SC ST	Agen cy Type	Gov t. Age ncy (Sta te)	Awar d / Positi on / Reco gnitio n Secu red	Gran t Rec eive d	No	No	No	<table border="1"> <tr> <td>Amount Received in Rs.</td> <td>7500</td> </tr> </table>		Amount Received in Rs.	7500
Agen cy Nam e	TN SC ST																					
Agen cy Type	Gov t. Age ncy (Sta te)																					
Awar d / Positi on / Reco gnitio n Secu red	Gran t Rec eive d																					
Amount Received in Rs.	7500																					
Name		Type							Gender		Email		Contact									
Dr. R. Valarmathi		Faculty							Female		valarmathi.cse@sairam.edu.in		9444778710									
4	Comparative Study of Image Processing Techniques for Measuring In-Situ Bow of FBR Fuel subassembly	Process Innovation	Technol ogical	DAE-BRNS	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resear ch. Princi ples postu lated and obser ved but no exper imental proof availa ble.	Innovati on Develop ment Ongoing	No	No	No	<table border="1"> <tr> <td>Loan/Investment Agency Name</td> <td>DAE-BRNS</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td>24,48,650</td> </tr> <tr> <td>Date of Investment Raised</td> <td>01-01-2020</td> </tr> </table>		Loan/Investment Agency Name	DAE-BRNS	Agency Type	Govt. Agency (State)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	24,48,650	Date of Investment Raised	01-01-2020	No
Loan/Investment Agency Name	DAE-BRNS																					
Agency Type	Govt. Agency (State)																					
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	24,48,650																					
Date of Investment Raised	01-01-2020																					
Name		Type							Gender		Email		Contact									
DR S SUMATHI		Faculty							Female		Sumathi.ECE@sairam.edu.in		9444516440									

5	A low-cost smart ventilator using IoT	Product Innovation	Technological	SEED Funding -MHRD & NIT, Trichy	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	<table border="1"> <tr> <td>Loan/Investment Agency Name</td> <td>MHRD &amp; NIT, Trichy</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td>70000</td> </tr> <tr> <td>Date of Investment Raised</td> <td>31-03-2020</td> </tr> </table>	Loan/Investment Agency Name	MHRD & NIT, Trichy	Agency Type	Govt. Agency (State)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	70000	Date of Investment Raised	31-03-2020	No
Loan/Investment Agency Name	MHRD & NIT, Trichy																				
Agency Type	Govt. Agency (State)																				
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	70000																				
Date of Investment Raised	31-03-2020																				
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>											
DR S SUMATHI		Faculty			Female		sumathi.ece@sairam.edu.in			9444516440											
6	Pathogenic Contaminated Disease Diagnosis System-Using Machine Learning	Product Innovation	Technological	Code bind Technologies	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>52000</td> </tr> </table>	Grant Amount in Rs	52000	No							
Grant Amount in Rs	52000																				
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>											
M.Kiruthiga Devi		Faculty			Female		kiruthiga.cse@sairam.edu.in			9791128792											
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>											
M.Kiruthiga Devi		Faculty			Female		-			-											
M.Kiruthiga Devi		Faculty			Female		-			-											

7	Virtual Education Using Deep Learning Technique	Product Innovation	Technological	Code bind Technologies	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	45000	No	No
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Name	Type	Gender	Email	Contact
K.Latha	Faculty	Female	LathaK.CSE@sairam.edu.in	9940308527

8	Effective neural network classification and fuzzy clustering for lung tumor detection	Product Innovation	Technological	Code bind Technologies	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	32000	No	No
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Name	Type	Gender	Email	Contact
R.A.Kalpana	Faculty	Female	Kalpana.cse@sairam.edu.in	9710173753

9	Smart Solar Monitoring System using ESP8266 with Tracking & Cleaning Mechanism	Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No		No	No
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Name	Type	Gender	Email	Contact
Dr.R.Azhagumurugan	Faculty	Male	azhagumurugan.eee@sairam.edu.in	9176769191
Name	Type	Gender	Email	Contact
Kowsalya G	Student	Female	kousigowthaman99@gmail.com	9940590689
Prema M	Student	Female	e6ee041@sairamtap.edu.in	8056177232
Swetha V	Student	Female	e6ee023@sairamtap.edu.in	9677982351

10	BLOOD GLUCOSE MONITORING INFRARED WATCHES	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	2000	No	No
----	---	--------------------	---------------	--	-----------------	--	---	----------------------------------	----	----	----	------	----	----

Name	Type	Gender	Email	Contact
DR.S.SUMATHI	Faculty	Female	sumathi.ece@sairam.edu.in	9444516440

Name	Type	Gender	Email	Contact
GAYATHRI S	Student	Female	-	-
GAYATHRI S	Student	Female	-	-

11	Smart Rapid Virus Test Kit with IR Thermometer	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No		<table border="1"> <tr> <td>Loan/Investment Agency Name</td> <td>MHRD &amp; NIT, Trichy</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td>30000</td> </tr> <tr> <td>Date of Investment Raised</td> <td>31-03-2020</td> </tr> </table>	Loan/Investment Agency Name	MHRD & NIT, Trichy	Agency Type	Govt. Agency (State)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	30000	Date of Investment Raised	31-03-2020	No
Loan/Investment Agency Name	MHRD & NIT, Trichy																					
Agency Type	Govt. Agency (State)																					
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	30000																					
Date of Investment Raised	31-03-2020																					



Name	Type	Gender	Email	Contact
Dr S Sumathi	Faculty and Student	Female	sumathi.ece@sairam.edu.in	9444175112

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	MICE BERRY INDIA PRIVATE LIMITED	Management Process	Non-Technological	4897	Faculty	Venture with Corporate Identification Number (CIN) Registration U55101TN2019PTC130068	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
SASIKALA		08489394		Faculty		Female		sasikala.ece@sairam.edu.in		9841953006			
2	Sai Krishna Automation solutions	Product Innovation	Technological	4897	Faculty	Venture with MSME Registration No TN-08-0013544	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
	Venture with GST No		00000										

Name		DIN number		Type		Gender		Email		Contact		
K. Renganathan		UDYAM-TN-08-0013544		Faculty		Male		renganathan_1980@yahoo.com		9444350434		
3	Techno Span	Product Innovation	Techno logical	4897	Staff	Venture with Corporate Identification Number (CIN) Registration TN-08-0014233	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
Saswati Kumari Behera		UDYAM-TN-08-0014233		Faculty		Female		Saswaticumari.eee@sairam.edu.in		9940443605		
4	JAASS PACKAGING INDUSTRIES	Process Innovation	Techno logical	4897	Student	Venture with MSME Registration No TN02B0178101 Venture with GST No 0000	2019-20	Graduated from the Incubation unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
Anuswetha A		UDYAM-TN-08-178101		Student		Female		anuswethaachu@gmail.com		9941040313		
5	SAI MISTRAL AUTOMATIONS	Product Innovation	Techno logical	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013724 Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
R Chithrakkannan		UDYAM-TN-08-0013724		Faculty		Male		chithrakkannan@gmail.com		9444527680		
6	VAIYAGAM TECHNO SOLUTIONS	Product Innovation	Techno logical	4897	Faculty	Venture with MSME Registration No TN-08-0014189 Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
S Prabhakaran		UDYAM-TN-08-0014189		Faculty		Male		prabhakaranec@gmail.com		9003608836		

7	SOLARIS INDIA POWER SOLUTION	Process Innovation	Technological	4897	Faculty	Venture with MSME Registration No	TN-08-0014853	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
						Venture with GST No	0000							
Name		DIN number		Type		Gender		Email		Contact				
S Sivchandran		UDYAM-TN-08-0014853		Faculty		Male		sivachandran091@gmail.com		9578892485				
8	Sri Sai Fusion Techno Works	Product Innovation, Process Innovation	Technological	4897	Alumni	Venture with MSME Registration No	33AEFFS6544E1Z3	2019-20	Venture Development Dropped	No	No	No	No	No
						Venture with GST No	33AEFFS6544E1Z3							
Name		DIN number		Type		Gender		Email		Contact				
K.Avudaiyappan, A.Venkatesh, P. Deepak		33AEFFS6544E1Z3		Alumni Entrepreneur		Male		srisaifusiontechno@gmail.com		7358375541				
9	Sri Sai Structurals	Product Innovation, Process Innovation	Technological	4897	Faculty	Venture with MSME Registration No	TN-08-0014130	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
						Venture with GST No	0000							
Name		DIN number		Type		Gender		Email		Contact				
K Maran		UDYAM-TN-08-0014130		Faculty		Male		maran.mba@sairam.edu.in		8754501112				
10	Boomi Pooja Life Style Compact homes	Product Innovation, Service Innovation	Technological	4897	Faculty	Venture with MSME Registration No	TN-08-0013737	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
						Venture with GST No	0000							
Name		DIN number		Type		Gender		Email		Contact				
N Vasudevan		UDYAM-TN-08-0013737		Faculty		Male		vasudevan.mech@sairam.edu.in		8072847511				
11	Rreva Engineering Services	Product Innovation, Service Innovation	Technological	4897	Faculty	Venture with MSME Registration No	UDYAM-TN-08-0013741	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No
						Venture with GST No	0000							

Name		DIN number		Type		Gender		Email		Contact			
B Vijayaramnath		UDYAM-TN-08-0013741		Faculty		Male		vijayaramnath.mech@sairam.edu.in		9841446655			
12	Task Development Consultancy	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013742	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
K Venkatraman		UDYAM-TN-08-0013742		Faculty		Male		venkat.mech@sairam.edu.in		9962553442			
13	VNM Jothi Fabrications	Service Innovation, Management Process	Non-Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013767	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
J Vivekanandan		UDYAM-TN-08-0013767		Faculty		Male		vivek.mech@sairam.edu.in		8071844918			
14	Sri Amman Engineering Works	Product Innovation, Process Innovation	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0014455	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
R Velmurugan		UDYAM-TN-08-0014455		Faculty		Male		velmurugansairam@gmail.com		9840606809			
15	R V Clean solutions	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013544	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No

Amount Received in Rs . 3500

Name		DIN number		Type		Gender		Email		Contact		
S Premalatha		UDYAM-TN-08-0013544		Faculty		Female		premalatha.ei@sairam.edu.in		9840783088		
16	E valley Corporation	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013814	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
					Venture with GST No 0000							
Name		DIN number		Type		Gender		Email		Contact		
T Sheela		UDYAM-TN-08-0013814		Faculty		Female		hod.it@sairam.edu.in		9444453523		
17	Sai Madurai Veeran Bricks	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0013245	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
					Venture with GST No 0000							
Name		DIN number		Type		Gender		Email		Contact		
A Arjun		UDYAM-TN-08-0013245		Faculty		Male		arjunanandhan96@gmail.com		9962601707		
18	Shree Sai Enterprises	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0015437	2019-20	Graduated from the Incubation unit	No	No	No	No
					Venture with GST No 0000							
Name		DIN number		Type		Gender		Email		Contact		
R Magesh		UDYAM-TN-08-0015437		Faculty		Male		magesh_ram1989@yahoo.in		7845903591		
19	Sai Organic pro plus	Product Innovation, Process Innovation, Service Inno	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0017217	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
					Venture with GST No 0000							
Name		DIN number		Type		Gender		Email		Contact		
G K Ayyadurai		UDYAM-TN-08-0017217		Faculty		Male		ayyadurai.che@sairam.edu.in		9176145354		

20	Suva laks technologies	Product Innovation, Process Innovation, Service Innovation	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0014055	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	S Sankari		UDYAM-TN-08-0014055		Faculty		Female		sankari2705@gmail.com		9884141080		
21	Srikart Technologies and Solutions	Product Innovation, Process Innovation, Service Innovation	Technological	4897	Faculty	Venture with MSME Registration No UDYAM-TN-08-0014500	Venture with GST No 0000	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	K Srinivasan		UDYAM-TN-08-0014500		Faculty		Male		srinivasan.ece@sairam.edu.in		9941330754		

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Vectra Techno Soft Pvt. Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	04-07-2019
2	Value Labs	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	28-02-2020
3	Voice Snap Service Pvt. Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	30-01-2020
4	Me & H Progressive skills development Ltd.	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	11-07-2019
5	ENSOLT Private Limited	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	11-09-2019
6	Power Square Engineers	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	25-10-2019
7	KAUSI consultancy services	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	21-11-2019
8	PAL designs	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	03-10-2019
9	Energy Multiples	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	08-11-2019
10	Vega Aviation Pvt,Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	13-09-2019

11	Exide Industries Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	25-10-2019
12	EDX Training & Education	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	10-10-2019
13	Envitrans Smart Systems Private Limited	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	2	26-03-2020
14	MIT Square Services Private Limited No. 20, Neeraja Halcyon Villas Banjara L/o Main Road, Horamavu Agara BENGALURU Bangalore, ph: 9886295999	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	12-03-2020
15	Srishti I2I Biz Solutions , Bangalore karnataka	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	5	27-03-2019
16	Coovum Advanced Institute for Science & Engineering Research(CAISER) ,Nolambur chennai	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	3	05-03-2019
17	Automation Anywhere, Inc. ,Chennai	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	15-02-2019
18	Madras Electro Platers	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	08-03-2019
19	CADD Centre, Chennai	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	23-01-2020
20	Zenmaq Automation and Robotics	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	15	25-09-2019
21	CDCE HP AUTOMATION AND ROBOTICS	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	18-02-2020

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

**No Data Filled!**

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Ammonia Gas leakage system using IoT	201941038241	National	2019 - 09	Uploaded
2	A smart walking gadget for visually impaired people	201941038259	National	2019 - 09	Uploaded
3	An assistance system for persons with disabilities	201941000316	National	2019 - 12	Uploaded
4	Anti Spoofing Authentication	201941045120	National	2019 - 12	Uploaded
5	Posture Detection and Alerting System using RTSC Algorithm	201941045066	National	2019 - 12	NA
6	PORTABLE MILL WRIGHT FITTERS TABLE	201941050388	National	2019 - 12	Uploaded
7	NATURAL FIBRE PARTICLE REINFORCED COMPOSITES	201941052769	National	2019 - 12	Uploaded
8	SELF SUSTAINABLE INDOOR PLANT POT WITH INDICATOR	202041000454	National	2020 - 01	Uploaded

9	METHOD FOR PREPARING ALOE FERROX-BANANA FIBER COMPOSITE	202041010132	National	2020 - 03	Uploaded
10	SYNTHESIS OF BIOLOGICALLY ACTIVE MULTI TARGETED ISATIN BASED SHIFF BASE COMPLEX	201941019466	National	2019 - 05	Uploaded
11	SENSOR BASED SMART SEGREGATION DUSTBIN	201941038253	National	2019 - 12	Uploaded
12	DESIGN, DEVELOPMENT AND FABRICATION OF SEMI-AUTOMATIC HYDRAULIC EMERGENCY BRAKING SYSTEM	201941048055	National	2019 - 11	Uploaded
13	HYBRID SOLAR COOKING SYSTEM WITH SOLAR THERMAL AND PHOTOVOLTAICS TO GENERATE ELECTRICAL ENERGY FOR HOUSE HOLD APPLICATIONS	201941047107	National	2019 - 11	Uploaded
14	WASTE HEAT IN TO ELECTRICITY	201941052773	National	2019 - 11	Uploaded

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

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
1	Ammonia Gas leakage system using IoT	PatentsHoldByInnovations	201941038241	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	J. VIJAYALAKSHMI		Incubatee Innovator	J. VIJAYALAKSHMI	
2	A smart walking gadget for visually impaired people	PatentsHoldByInnovations	201941038259	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	S Sankari		Incubatee Innovator	S Sankari	
3	Anti Spoofing Authentication	PatentsHoldByInnovations	201941045120	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	V Lalitha		Incubatee Innovator	V Lalitha	
4	An assistance system for persons with disabilities	PatentsHoldByInnovations	201941000316	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	T Sheela		Incubatee Innovator	T Sheela	
5	Posture Detection and Alerting System using RTSC Algorithm	PatentsHoldByInnovations	201941045066	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	M Suresh Anand		Incubatee Innovator	M Suresh Anand	
6	PORTABLE MILL WRIGHT FITTERS TABLE	PatentsHoldByInnovations	201941050388	Published	Uploaded



	Applicant Name		Applicant Type		Start-up/Innovator Name	
	R Karthikeyan		Incubatee Innovator		R Karthikeyan	
7	NATURAL FIBRE PARTICLE REINFORCED COMPOSITES	PatentsHoldByInnovations	201941052769		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	K Venkatraman		Incubatee Innovator		K Venkatraman	
8	SELF SUSTAINABLE INDOOR PLANT POT WITH INDICATOR	PatentsHoldByInnovations	202041000454		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	B. SENTHILKUMAR		Incubatee Innovator		B. SENTHILKUMAR	
9	METHOD FOR PREPARING ALOE FERROX-BANANA FIBER COMPOSITE	PatentsHoldByInnovations	202041010132		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	R.CHITHRAKANNAN		Incubatee Innovator		R.CHITHRAKANNAN	
10	SYNTHESIS OF BIOLOGICALLY ACTIVE MULTI TARGETED ISATIN BASED SHIFF BASE COMPLEX	PatentsHoldByInnovations	201941019466		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	Dr.G.PUTILIBAI		Incubatee Innovator		Dr.G.PUTILIBAI	
11	SENSOR BASED SMART SEGREGATION DUSTBIN	PatentsHoldByInnovations	201941038253		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	Dr.T.PORSEVI		Incubatee Innovator		Dr.T.PORSEVI	
12	DESIGN, DEVELOPMENT AND FABRICATION OF SEMI-AUTOMATIC HYDRAULIC EMERGENCY BRAKING SYSTEM	PatentsHoldByInnovations	201941048055		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	CHANDRAMOHAN D		Incubatee Innovator		CHANDRAMOHAN D	
13	HYBRID SOLAR COOKING SYSTEM WITH SOLAR THERMAL AND PHOTOVOLTAICS TO GENERATE ELECTRICAL ENERGY FOR HOUSE HOLD APPLICATIONS	PatentsHoldByInnovations	201941047107		Published	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	M. SUDHAKAR		Incubatee Innovator		M. SUDHAKAR	
14	WASTE HEAT IN TO ELECTRICITY	PatentsHoldByInnovations	201941052773		Published	Uploaded

	Applicant Name		Applicant Type		Start-up/Innovator Name	
	A. DHANALAKSHMI		Incubatee Innovator		A. DHANALAKSHMI	
15	System and method for decomposing organic food waste	PatentsHoldByInnovations		201941006917	Granted	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	B Sumathy		Incubatee Innovator		B Sumathy	
16	System and method to control turn indicators of automobiles	PatentsHoldByInnovations		201941019210	Granted	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	S Sumathi		Incubatee Innovator		S Sumathi	
17	A Rule based Rootkit Detection Method using Machine Learning in Embedded IoT Devices	PatentsHoldByInnovations		2020102099	Filed	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name	
	Dr.J.K.Periasamy		Incubatee Innovator		Dr.J.K.Periasamy	

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

Srno	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
					Patent/Licence Holder name (Institute Co-ownership is Must)	DR.G.PUTHILIBAI		Licence Transferred to	Industry		
1	NOVEL MIXED LIGAND RUTHENIUM (III) COMPLEXES, ITS PRODUCTION METHOD AND USE IN CANCER THERAPY	IP/Patented Technology	Licensing with Royalty Sharing	343002	Patent/Licence Holder name (Institute Co-ownership is Must)	DR.G.PUTHILIBAI	Chemistry	Licence Transferred to	Industry	Yes	122000
				Contact number of license holder	8072559655	Name of Industry/Start-up/Agency Received License/Technology		Gloris Biomed Research Centre Pvt Ltd			
				Email of Licence holder	puthilibai.che@sairam.edu.in	Address of Agency		No.171, Fourth Street, Kannigapuram, K K Nagar, Chennai-75			
				Gender	Female	Contact Number of Agency		9444347026			
						Email of Agency		gloris.biomed@gmail.com			

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

2	SMART FOOD STORAGE SYSTEM	IP/Patented Technology	One-time transfer/Licensing	201941013595A	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.M.Nalini</td> </tr> <tr> <td>Contact number of license holder</td> <td>9600595175</td> </tr> <tr> <td>Email of Licence holder</td> <td>nalini.ei@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.M.Nalini	Contact number of license holder	9600595175	Email of Licence holder	nalini.ei@sairam.edu.in	Gender	Female	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.M.Nalini</td> </tr> <tr> <td>Contact number of license holder</td> <td>9600595175</td> </tr> <tr> <td>Email of Licence holder</td> <td>nalini.ei@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.M.Nalini	Contact number of license holder	9600595175	Email of Licence holder	nalini.ei@sairam.edu.in	Gender	Female	Electronics and Instrumentation Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Allinov Research and Development Pvt Ltd</td> </tr> <tr> <td>Address of Agency</td> <td>No 6 First Floor Balaji Street Moorthy Nagar Avadi Chennai Tamil Nadu 71</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8870084429</td> </tr> <tr> <td>Email of Agency</td> <td>chennai@allinnov.org</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd	Address of Agency	No 6 First Floor Balaji Street Moorthy Nagar Avadi Chennai Tamil Nadu 71	Contact Number of Agency	8870084429	Email of Agency	chennai@allinnov.org	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.M.Nalini																																			
Contact number of license holder	9600595175																																			
Email of Licence holder	nalini.ei@sairam.edu.in																																			
Gender	Female																																			
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.M.Nalini																																			
Contact number of license holder	9600595175																																			
Email of Licence holder	nalini.ei@sairam.edu.in																																			
Gender	Female																																			
Licence Transferred to	Institute																																			
Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd																																			
Address of Agency	No 6 First Floor Balaji Street Moorthy Nagar Avadi Chennai Tamil Nadu 71																																			
Contact Number of Agency	8870084429																																			
Email of Agency	chennai@allinnov.org																																			
3	System and method for decomposing organic food waste	IP/Patented Technology	One-time transfer/Licensing	201941006917A	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.B.Sumathy</td> </tr> <tr> <td>Contact number of license holder</td> <td>9791032792</td> </tr> <tr> <td>Email of Licence holder</td> <td>bsumathy.ice@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.B.Sumathy	Contact number of license holder	9791032792	Email of Licence holder	bsumathy.ice@sairam.edu.in	Gender	Female	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.B.Sumathy</td> </tr> <tr> <td>Contact number of license holder</td> <td>9791032792</td> </tr> <tr> <td>Email of Licence holder</td> <td>bsumathy.ice@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.B.Sumathy	Contact number of license holder	9791032792	Email of Licence holder	bsumathy.ice@sairam.edu.in	Gender	Female	Instrumentation and Control Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Allinov Research and Development Pvt Ltd</td> </tr> <tr> <td>Address of Agency</td> <td>No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8870084429</td> </tr> <tr> <td>Email of Agency</td> <td>chennai@allinnov.org</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd	Address of Agency	No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71	Contact Number of Agency	8870084429	Email of Agency	chennai@allinnov.org	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.B.Sumathy																																			
Contact number of license holder	9791032792																																			
Email of Licence holder	bsumathy.ice@sairam.edu.in																																			
Gender	Female																																			
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.B.Sumathy																																			
Contact number of license holder	9791032792																																			
Email of Licence holder	bsumathy.ice@sairam.edu.in																																			
Gender	Female																																			
Licence Transferred to	Institute																																			
Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd																																			
Address of Agency	No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71																																			
Contact Number of Agency	8870084429																																			
Email of Agency	chennai@allinnov.org																																			
4	System and method to control turn indicators of automobiles	IP/Patented Technology	One-time transfer/Licensing	201941019210 A	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.S. Sumathi</td> </tr> <tr> <td>Contact number of license holder</td> <td>9444516440</td> </tr> <tr> <td>Email of Licence holder</td> <td>sumathi.ece@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.S. Sumathi	Contact number of license holder	9444516440	Email of Licence holder	sumathi.ece@sairam.edu.in	Gender	Female	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr.S. Sumathi</td> </tr> <tr> <td>Contact number of license holder</td> <td>9444516440</td> </tr> <tr> <td>Email of Licence holder</td> <td>sumathi.ece@sairam.edu.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.S. Sumathi	Contact number of license holder	9444516440	Email of Licence holder	sumathi.ece@sairam.edu.in	Gender	Female	Electronics and Communication Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Allinov Research and Development Pvt Ltd</td> </tr> <tr> <td>Address of Agency</td> <td>No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8870084429</td> </tr> <tr> <td>Email of Agency</td> <td>chennai@allinnov.org</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd	Address of Agency	No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71	Contact Number of Agency	8870084429	Email of Agency	chennai@allinnov.org	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.S. Sumathi																																			
Contact number of license holder	9444516440																																			
Email of Licence holder	sumathi.ece@sairam.edu.in																																			
Gender	Female																																			
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.S. Sumathi																																			
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Email of Licence holder	sumathi.ece@sairam.edu.in																																			
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Licence Transferred to	Institute																																			
Name of Industry/Start-up/Agency Received License/Technology	Allinov Research and Development Pvt Ltd																																			
Address of Agency	No 6, First Floor, Balaji Street, Moorthy Nagar, Avadi, Chennai, Tamil Nadu-71																																			
Contact Number of Agency	8870084429																																			
Email of Agency	chennai@allinnov.org																																			

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

5	An assistance system for persons with disabilities	Non-IP/Non-Patented Technology	One-time transfer/Licensing	201941000316	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr.T. Sheela	Information Technology	Licence Transferred to	Institute	No	---
					Contact number of license holder	8754502225		Name of Industry/Start-up/Agency Received License/Technology	SRM Institute of Science and Technology		
					Email of Licence holder	hod.it@sairam.edu.in		Address of Agency	SRM Nagar, Kattankulathur - 603 203 Chengalpattu District, Tamil Nadu		
					Gender	Female		Contact Number of Agency	91442741700		
								Email of Agency	dewan@rkdewanmail.com		

**List the patent Published & Granted to HEI**

Srno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	AN ARTIFICIAL INTELLIGENCE BASED TOOL FOR ASSISTING NON-TECHNICAL PEOPLE OVER SECURITY	Published	IN201941002943A	2019	Approved	

## 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. A RAJENDRA PRASAD (Head of Institute) and Dr. K RENGANATHAN (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

*A. Rajendra Prasad*

---

Dr. A RAJENDRA PRASAD  
Head of the Institution,  
Kancheepuram, Tamil Nadu

Nodal officer

*K. Renganathan*

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Dr. K RENGANATHAN  
Nodal Officer,  
Kancheepuram, Tamil Nadu