



# 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: PSG College of Technology [ARI-C-37013]

### 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	Department of Automobile Engineering	Academic Department with lab facility	Automobile Engineering	UG / PG / PhD	Technical	289	16	6
2	Department of Biotechnology	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	245	16	6
3	Department of Biomedical Engineering	Academic Department with lab facility	Biomedical Engineering	UG / PG / PhD	Technical	236	14	5
4	Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	352	23	8
5	Department of Computer science and Engineering	Academic Department with lab facility	Computer science and Engineering	UG / PG / PhD	Technical	564	32	6
6	Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	668	43	12
7	Department of Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	626	37	12
8	Department of Fashion Technology	Academic Department with lab facility	Fashion Technology	UG / PG / PhD	Technical	241	12	4
9	Department of Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	561	32	5
10	Department of Instrumentation and control systems Engineering	Academic Department with lab facility	Instrumentation and control Engineering	UG / PG / PhD	Technical	275	17	6
11	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	1060	59	26
12	Department of Metallurgical Engineering	Academic Department with lab facility	Metallurgical Engineering	UG / PG / PhD	Technical	270	17	4

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

13	Department of Production Engineering	Academic Department with lab facility	Production Engineering	UG / PG / PhD	Technical	603	41	7
14	Department of Robotics and Automation	Academic Department with lab facility	Robotics and Automation	UG / PG / PhD	Technical	264	16	9
15	Department of Textile Technology	Academic Department with lab facility	Textile Technology	UG / PG / PhD	Technical	313	17	8
16	Department of Applied Science	Academic Department with lab facility	Applied science	UG / PG / PhD	Technical	136	15	3
17	Department of Applied Mathematics and Computational sciences	Academic Department with lab facility	Applied mathematics and Computational science	UG / PG / PhD	Technical	792	49	6
18	Department of Apparel and Fashion Design	Academic Department with lab facility	Apparel and Fashion Design	UG / PG / PhD	Technical	188	10	4
19	Department of Computer Applications	Academic Department with lab facility	Computer Application	UG / PG / PhD	Technical	178	20	5
20	Department of Mathematics	Academic Department with lab facility	Mathematics	Not Allowed	Not Allowed	0	29	2
21	Department of Physics	Academic Department with lab facility	Physics	Not Allowed	Not Allowed	0	15	5
22	Department of Chemistry	Academic Department with lab facility	Chemistry	Not Allowed	Not Allowed	0	12	4
23	Department of English	Academic Department with lab facility	English	Not Allowed	Not Allowed	0	10	2
24	Department of Humanities	Academic Department with lab facility	Humanities	Not Allowed	Not Allowed	0	12	1
25	PSG SCIENCE AND TECHNOLOGY ENTREPRENEURIAL PARK (PSG STEP)	Incubation Unit	multisector	Not Allowed	Not Allowed	100	0	9
26	CENTRE OF EXCELLENCE IN PSG - KEYSIGHT ADVANCED WIRELESS TECHNOLOGY	Centre of Excellence with Advance Tools & Equipment	Wireless Communication, Software Defined Radio, RF Design	Not Allowed	Not Allowed	60	3	2
27	PSG - TI CENTRE OF EXCELLENCE FOR SIGNAL PROCESSING	Centre of Excellence with Advance Tools & Equipment	Signal Processing, Image processing and Video processing	Not Allowed	Not Allowed	150	3	2
28	PSG-DST CENTER OF EXCELLENCE FOR ASSISTIVE TECHNOLOGY AND REHABILITATION ENGINEERING SOLUTIONS	Centre of Excellence with Advance Tools & Equipment	Assistive Health Care , Rehabilitation Engineering solutions	Not Allowed	Not Allowed	5	1	3
29	PSG - LAPP CENTRE FOR EXCELLENCE IN CABLE TECHNOLOGY	Centre of Excellence with Advance Tools & Equipment	Electrical Cable Technology	Not Allowed	Not Allowed	150	2	1

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30	PSG DANFOSS CENTRE OF EXCELLENCE IN CLIMATE AND ENERGY	Centre of Excellence with Advance Tools & Equipment	Industrial drive, Refrigeration	Not Allowed	Not Allowed	100	2	1
31	PSG - CENTRE OF EXCELLENCE IN WELDING ENGINEERING AND TECHNOLOGY	Centre of Excellence with Advance Tools & Equipment	Welding Power Source, Robotic Welding, SPMs, Electrode Development, Welding simulation, Physical simulation	Not Allowed	Not Allowed	380	11	10
32	PSG - SCHNEIDER CENTRE FOR EXCELLENCE IN POWER CONVERTERS	Centre of Excellence with Advance Tools & Equipment	Power Electronic Converters	Not Allowed	Not Allowed	100	2	1
33	PSG-ROCKWELL CENTRE OF EXCELLENCE IN INDUSTRIAL AUTOMATION	Centre of Excellence with Advance Tools & Equipment	Industrial Automation using Programmable Logic Controllers	Not Allowed	Not Allowed	143	3	1
34	PSG - TI CENTRE OF EXCELLENCE FOR MEDICAL ELECTRONICS	Centre of Excellence with Advance Tools & Equipment	IoT for Healthcare, Biomedical Device Development, Telemedicine	Not Allowed	Not Allowed	123	4	1
35	CENTRE FOR ADVANCED TOOLING AND PRECISION DIES	Centre of Excellence with Advance Tools & Equipment	Tool Design and Manufacturing	Not Allowed	Not Allowed	60	2	4
36	PSG CENTER OF EXCELLENCE FOR INDUSTRIAL AND HOME TEXTILES	Centre of Excellence with Advance Tools & Equipment	Industrial and Home Textiles	Not Allowed	Not Allowed	300	6	22
37	PSG ADEPT CENTRE FOR ROBOTICS	Centre of Excellence with Advance Tools & Equipment	Industrial Robots	Not Allowed	Not Allowed	85	2	1
38	PSG- EPLAN CENTRE OF EXCELLENCE FOR EFFICIENT ENGINEERING	Centre of Excellence with Advance Tools & Equipment	Automation Systems design	Not Allowed	Not Allowed	150	2	2
39	PSG-FANUC CENTRE FOR ADVANCED CNC AND ROBOTICS	Centre of Excellence with Advance Tools & Equipment	Robotics and CNC Machine	Not Allowed	Not Allowed	230	2	4
40	PSG CENTRE FOR MACHINE TOOLS AND ROBOTICS	Centre of Excellence with Advance Tools & Equipment	Machine tools and Robotics	Not Allowed	Not Allowed	30	3	3
41	CENTRE FOR INDUSTRIAL AUTOMATION	Centre of Excellence with Advance Tools & Equipment	System Integration	Not Allowed	Not Allowed	68	2	1
42	PSG-NI VIRTUAL INSTRUMENTATION CENTRE	Centre of Excellence with Advance Tools & Equipment	Virtual Instrumentation	Not Allowed	Not Allowed	255	3	1
43	PSG - JANATICS Centre for Pneumatics and Automation	Centre of Excellence with Advance Tools & Equipment	Basic and Advanced Pneumatics, PLC, Sensors and Mechatronics.	Not Allowed	Not Allowed	140	5	0
44	PSG Maxbyte Centre of Excellence on Industrial Internet of Things	Centre of Excellence with Advance Tools & Equipment	Industry 4.0, Integrated Product Lifecycle Experience, Smart Connected Engineering, Smart Connected Operations, Smart Connected Service	Not Allowed	Not Allowed	30	2	0

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

45	PSG-Heidenhain CNC Training Centre	Centre of Excellence with Advance Tools & Equipment	CNC Simulation	Not Allowed	Not Allowed	130	2	2
46	PSG-Siemens Centre for Excellence in Industrial Automation	Centre of Excellence with Advance Tools & Equipment	PLC, HMIs and SCADA Systems	Not Allowed	Not Allowed	150	2	1
47	PSG- Beckhoff Centre for PC based Automation	Centre of Excellence with Advance Tools & Equipment	Industrial Networking and IIoT	Not Allowed	Not Allowed	80	2	1
48	PSG RANE Centre for Manufacturing systems	Centre of Excellence with Advance Tools & Equipment	Programming of robots, control of actuators	Not Allowed	Not Allowed	255	2	1
49	PSG-FESTO Centre for Low Cost Automation and Control Engineering	Centre of Excellence with Advance Tools & Equipment	Pneumatics, Electro-pneumatics and PLCs	Not Allowed	Not Allowed	225	1	1
50	CAD CAM Centre and Virtual Reality Centre	Centre of Excellence with Advance Tools & Equipment	CAD/CAE/CAM/Virtual Reality and Digital Prototyping	Not Allowed	Not Allowed	300	4	6
51	PSG DSIR Consultancy Clinic on Product Styling and Design	Centre of Excellence with Advance Tools & Equipment	Product Styling and Design	Not Allowed	Not Allowed	60	1	1
52	Centre for Environmental Analyses and Solutions	Centre of Excellence with Advance Tools & Equipment	Environmental Analyses	Not Allowed	Not Allowed	10	3	1
53	IPR CELL	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	Not Allowed	Not Allowed	25	6	0
54	Centre for Sponsored research and consultancy	Research Unit / Park	Multidisciplinary	Not Allowed	Not Allowed	30	1	2
55	Centre for Industrial research and development	Industry Institute Interface Unit	Multi disciplinary	Not Allowed	Not Allowed	20	1	3
56	GRD Centre for Materials Research	Research Unit / Park	Materials science	Not Allowed	Not Allowed	12	1	0
57	PSG - L and T CENTRE FOR EXCELLENCE IN LV SWITCHGEAR	Centre of Excellence with Advance Tools & Equipment	LV SWITCHGEAR	Not Allowed	Not Allowed	3	1	1
58	PSG- FESTO CENTRE FOR ROBOTRONICS	Centre of Excellence with Advance Tools & Equipment	Pneumatic Automation	Not Allowed	Not Allowed	150	2	1
59	e-Yantra Robotics Lab	Centre of Excellence with Advance Tools & Equipment	Robotics	Not Allowed	Not Allowed	30	3	0
60	Research and Development centre	Research Unit / Park	Multidisciplinary	Not Allowed	Not Allowed	2	1	1
61	PSG - PROSUN CENTRE OF EXCELLENCE IN SOLAR PV SYSTEMS	Centre of Excellence with Advance Tools & Equipment	SOLAR PV SYSTEMS	Not Allowed	Not Allowed	12	2	0
62	PSG - PROSUN CENTRE OF EXCELLENCE IN SOLAR THERMAL SYSTEM	Centre of Excellence with Advance Tools & Equipment	SOLAR THERMAL SYSTEM	Not Allowed	Not Allowed	6	2	0

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63	PSG -KEYSIGHT Baseband COMM and advanced embedded systems lab	Centre of Excellence with Advance Tools & Equipment	embedded systems	Not Allowed	Not Allowed	30	1	0
64	National MEMS Design centre	Research Unit / Park	MEMS	Not Allowed	Not Allowed	20	1	0
65	PSG - TI CENTRE OF EXCELLENCE FOR INTERNET OF THINGS	Centre of Excellence with Advance Tools & Equipment	INTERNET OF THINGS	Not Allowed	Not Allowed	15	3	0
66	PSG TIFAC- CORE IN PRODUCT DESIGN	Industry Institute Interface Unit	Rapid Prototyping, Reverse Engineering and Rapid Tooling	Not Allowed	Not Allowed	905	2	11
67	VLSI Design centre	Research Unit / Park	VLSI Design	Not Allowed	Not Allowed	15	2	0
68	PSG-CARES Centre for Industrial Cyber physical system research	Industry Institute Interface Unit	Cyber physical system	Not Allowed	Not Allowed	10	1	1
69	PSG Trident centre for alternative cooling Technologies	Research Unit / Park	alternative cooling Technologies	Not Allowed	Not Allowed	10	1	0
70	Department of Management Sceinces	Academic Department with lab facility	Management	UG / PG / PhD	Non-Technical	475	32	15

**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 : IC201810412
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	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Entrepreneurship Development Programme	Entrepreneurship/Startup	Workshop	Institute Lead Activity	PSG Science and Technology Entrepreneurial Park	11-10-2019 00:00:00	09-11-2019 00:00:00	30	Within Campus	0	0	0	22	22	No	No

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

2	Do what you love and love what you do	Entrepreneurship/Startup	Seminar	Student Lead Activity	Apparel and Fashion Design	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	130	1	0	0	131	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	700	No
3	Role of Indian Government in Indian Exim and Logistics	Entrepreneurship/Startup	Seminar	Student Lead Activity	Apparel and Fashion Design	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	38	1	0	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	350	No
4	Basics of lean six sigma	Entrepreneurship/Startup	Seminar	Student Lead Activity	Apparel and Fashion Design	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	40	1	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	350	No
5	Fashionova 2k19-20 Design & Innovate	Innovation	Innovation Contest	Student Lead Activity	Apparel and Fashion Design	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	130	1	0	0	131	No	No	
6	E - Business	Entrepreneurship/Startup	Seminar	Student Lead Activity	Apparel and Fashion Design	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	37	1	0	0	38	No	No	
7	INDUSTRIAL ACADEMIA EXCELLENCE, NOVEL GLOBAL PRACTICES & PRAGMATIC MANAGEMENT TOWARDS RESOURCE SUSTAINABILITY IN THE FIELD OF SCIENCE & ENGINEERING	Innovation	Workshop	Institute Lead Activity	Physics	05-10-2019 00:00:00	09-10-2019 00:00:00	5	Within Campus	50	25	0	0	75	No	No	

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

8	Lab to Launch : How to turn academic Research into a Startup Venture	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Physics	05-09-2019 00:00:00	05-09-2019 00:00:00	1	Within Campus	40	10	10	5	65	No	No
9	3D Printing & Scanning Workshop	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	PSG Science and Technology Entrepreneurial Park	18-10-2019 00:00:00	19-10-2019 00:00:00	2	Within Campus	0	0	0	24	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 40000	No
10	Training program on ARAS Innovator PLM	Innovation	Training	Institute Lead Activity	Automobile Engineering	15-07-2019 00:00:00	14-08-2019 00:00:00	31	Within Campus	20	0	0	0	20	No	No
11	National Workshop on "Internet of Things (IoT) for Emerging Engineering Applications in Smart City Implementations and PSG-TECHathon 2019	Innovation	Hackathon	Institute Lead Activity	Information Technology and Electrical and Electronics Engineering	26-09-2019 00:00:00	28-09-2019 00:00:00	3	Within Campus	14	5	15	7	41	No	No
12	Workshop on "Industrial Automation, Security Management and Career Exploration"	Innovation	Workshop	Institute Lead Activity	Information Technology	28-07-2019 00:00:00	29-07-2019 00:00:00	2	Within Campus	60	0	0	0	60	No	No
13	Product Design and Development	Innovation	Training	Student Lead Activity	Robotics and Automation Engineering	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	60	6	0	0	66	No	No

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

14	Management aspects of Product Design and Development	Innovation	Training	Student Lead Activity	Robotics and Automation Engineering	11-07-2019 00:00:00	11-07-2019 00:00:00	1	Within Campus	64	5	0	0	69	No	No	
15	Two days technical workshop on intellectual property rights	IPR	Workshop	Institute Lead Activity	IPR Cell	21-02-2020 00:00:00	22-02-2020 00:00:00	2	Within Campus	40	31	0	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	73739	No
16	Tech talk	Entrepreneurship/Start-up, Innovation	Mentoring Session	Institute Lead Activity	Department of Biomedical Engineering	29-11-2019 00:00:00	29-11-2019 00:00:00	1	Within Campus	60	12	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	750	No
17	Workshop on sports biomechanics and evaluation techniques	Innovation	Workshop	Institute Lead Activity	Department of Biomedical Engineering	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	121	12	0	0	133	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
18	CSEA event Hackathon	Innovation	Hackathon	Student Lead Activity	Computer Science and Engineering	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27950	No
19	Patent filling - procedures requirements and expectations	IPR	Seminar	Institute Lead Activity	Department of Metallurgical Engineering	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	6	1	0	0	7	No	No	
20	Virtual Reality (VR) and Augmented Reality (AR) in engineering stream	Innovation	Seminar	Student Lead Activity	Department of Production Engineering	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	42	0	0	0	42	No	No	



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

21	Key concepts, learning and future trends on Aras Innovator PLM	Innovation	Seminar	Student Lead Activity	Department of Automobile Engineering	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	15	1	0	0	16	No	No	
22	Autodesk Fusion CAD	Innovation	Seminar	Student Lead Activity	Department of Automobile Engineering	07-07-2019 00:00:00	08-07-2019 00:00:00	2	Within Campus	60	1	0	0	61	No	No	
23	Kosigam 2019	Innovation	Exhibition	Institute Lead Activity	PSGIM	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	130	2	0	0	132	No	No	
24	Recent developments in Rapid Prototyping techniques	Innovation	Workshop	Institute Lead Activity	PSG TIFAC CORE	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Outside Campus	0	0	90	0	90	No	No	
25	Indo US Workshop on Metal Additive Manufacturing	Innovation	Workshop	Institute Lead Activity	PSG TIFAC CORE	16-12-2019 00:00:00	18-12-2019 00:00:00	3	Outside Campus	0	0	90	0	90	No	No	
26	Innovation Contest	Innovation	Innovation Contest	Institute Lead Activity	Department of Textile Technology	27-04-2019 00:00:00	27-04-2019 00:00:00	1	Within Campus	57	0	8	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12588	No
27	Workshop on Innovation Demystified	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	21-02-2020 00:00:00	22-02-2020 00:00:00	2	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17309	No
28	Innovative Product Development and Research Scope Apparel Technology	Innovation	Seminar	Institute Lead Activity	Department of Fashion Technology	01-01-2020 00:00:00	01-01-2020 00:00:00	1	Within Campus	127	12	0	0	139	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6140	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/Recognition/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	
																Award / Position / Recognition Secured	Received for
1	Project Exhibition	Innovation	Exhibition	Amrita Vishwa Vidyapeetham, Coimbatore	Educational Institute	13-02-2020 00:00:00	15-02-2020 00:00:00	3	4	0	4	Yes	Third place	Automated Screening Device for Diabetic Peripheral Neuropathy	No	Award / Position / Recognition Secured	Third place
																Title of Innovation / Start-up Secured the Award / Recognition	Automated Screening Device for Diabetic Peripheral Neuropathy
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
2	IX World Engineering Education Forum (WEEF) Disruptive Engineering Education for a Sustainable Development	Innovation	Conference	IUCEE - VIT, Chennai	Educational Institute	13-11-2019 00:00:00	16-11-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	31310	No
3	2nd International Conference on Recent Trends and Sustainability in Crafts and Design	Innovation	Conference	Indian Institute of Crafts and Design (IICD), Jaipur	Educational Institute	07-11-2019 00:00:00	08-11-2019 00:00:00	2	2	2	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	14619	No
4	International Conference On Functional Textiles and Clothing	Innovation	Conference	Indian Institute of Technology, Delhi	Educational Institute	07-02-2020 00:00:00	09-02-2020 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15779	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**

5	National Science and Technology Fair	Innovation	Exhibition	Coimbatore District Small Scale Industries Association (CODISSIA)	Corporate / Industry Association	29-08-2019 00:00:00	31-08-2019 00:00:00	3	3	0	3	No	---	---	No	No	
6	Marketing for the Fashion Industry	Entrepreneurship/Startup	Exposure visit	Glasgow Claedonian University, Scotland	Educational Institute	17-07-2019 00:00:00	31-07-2019 00:00:00	15	5	0	5	No	---	---	No	No	
7	ATAL FDP on 3D Printing and Design	Innovation	Training	Government College of Technology, Coimbatore	Govt. Agency (State)	29-10-2019 00:00:00	02-11-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2008	No
8	FDP on Application of Industrial Engineering concepts in Apparel and Textile Industry and Quality of Apparels	Innovation	Training	AICTE-Kumaraguru College of Technology	Educational Institute	16-11-2019 00:00:00	30-11-2019 00:00:00	15	0	1	1	No	---	---			No
9	Workshop on Natural Dyes	Innovation	Workshop	Crafts Council of Tamil Nadu	Govt. Agency (State)	26-11-2019 00:00:00	29-11-2019 00:00:00	4	0	1	1	No	---	---	No	No	
10	Visual Merchandising	Innovation	Workshop	Pencil Box	Corporate / Industry Association	04-11-2019 00:00:00	14-11-2019 00:00:00	11	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	16728	No
11	KLA Hackathon 2020	Innovation	Hackathon	KLA Hackathon	Corporate / Industry Association	28-01-2020 00:00:00	28-01-2020 00:00:00	1	80	0	80	No	---	---			No
12	IPR Patent filing and processing in India	IPR	Awareness	Ministry of Commerce and Development, GOI	Govt. Agency (Central)	15-05-2019 00:00:00	15-05-2019 00:00:00	1	0	1	1	No	---	---	No	No	

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

13	Effective Patent Search and Drafting 2019	IPR	Training	Anna University, Coimbatore	Govt. Agency (State)	18-11-2019 00:00:00	22-11-2019 00:00:00	5	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	15778	No						
14	Technological innovations in Apparel and fashion	Innovation	Workshop	Alagappa University, Karaikkudi	Educational Institute	24-06-2019 00:00:00	24-06-2019 00:00:00	1	0	1	1	No	---	---	No	No							
15	Recent Trends in Traditional and Technical Textiles	Innovation	Conference	NIT, Jalandhar	Educational Institute	01-11-2019 00:00:00	03-11-2019 00:00:00	3	0	2	2	Yes	First	Novel approach in dyeing of cotton fabric without salt	Total Total Expense Amount Incurred by Institute? (In Rupees)	40000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Novel approach in dyeing of cotton fabric without salt</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Novel approach in dyeing of cotton fabric without salt	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	First																						
Title of Innovation / Start-up Secured the Award / Recognition	Novel approach in dyeing of cotton fabric without salt																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
16	Functional Textiles and Clothing	Innovation	Conference	IIT Delhi	Educational Institute	07-02-2020 00:00:00	09-02-2020 00:00:00	3	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	108240	No						
17	First Tech Challenge 2019	Entrepreneurship/Startup	Ideation	Caterpillar (India), Chennai	Corporate / Industry Association	20-07-2019 00:00:00	20-07-2019 00:00:00	1	2	1	3	Yes	Overall Champion Award	First Tech Challenge 2019	Total Total Expense Amount Incurred by Institute? (In Rupees)	11000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Overall Champion Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>First Tech Challenge 2019</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Overall Champion Award	Title of Innovation / Start-up Secured the Award / Recognition	First Tech Challenge 2019	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Overall Champion Award																						
Title of Innovation / Start-up Secured the Award / Recognition	First Tech Challenge 2019																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
18	FDP on AI and Machine Learning	Innovation	Training	Electronics and ICT Academy	Govt. Agency (Central)	23-12-2019 00:00:00	27-12-2019 00:00:00	5	0	1	1	No	---	---	No	No							
19	Fifth Mitsubishi Electric Cup 2020	Innovation	Innovation Contest	Mitsubishi Electric India Pvt.Ltd	International Agencies	14-02-2020 00:00:00	15-02-2020 00:00:00	2	4	1	5	No	---	---	No	No							

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

20	Industrial Visit	IPR	Exposure visit	Dr Reddy's Laboratories	Corporate / Industry Association	24-01-2020 00:00:00	25-01-2020 00:00:00	2	2	0	2	No	---	---	No	No	
21	India Science Festival	Innovation	Conference	National Project Implementation Unit (NPIU)	Govt. Agency (Central)	11-01-2020 00:00:00	12-01-2020 00:00:00	2	0	10	10	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8628	No
22	India First Leadership Talk	Entrepreneurship/Startup	Awareness	MHRD Innovation Cell	Govt. Agency (Central)	11-07-2019 00:00:00	11-07-2019 00:00:00	1	0	5	5	No	---	---	No	No	
23	Leadership Talk	Entrepreneurship/Startup	Skill development	MHRD Innovation Cell	Govt. Agency (Central)	27-06-2019 00:00:00	27-06-2019 00:00:00	1	0	5	5	No	---	---	No	No	
24	Philips Digital Healthcare Conclave 2019	Innovation	Start-up Conclave	Philips, Bengaluru	Corporate / Industry Association	22-08-2019 00:00:00	22-08-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4280	No
25	DST and Texas Instruments India Innovation Challenge Design Contest 2019	Innovation	Innovation Contest	Texas instruments Inc	Corporate / Industry Association	01-08-2019 00:00:00	01-08-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
26	Medical Equipment Exhibition - Lab Equipment Expo	Innovation	Exhibition	Medexpert Business Consultants Pvt. Ltd, Chennai	Corporate / Industry Association	26-07-2019 00:00:00	27-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4560	No
27	International TCGA (The Cancer Genome Atlas) Conference and Workshop	Innovation	Conference	IISER, pune	Educational Institute	21-09-2019 00:00:00	25-09-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	42467	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**

28	Two-day State Level Technical Workshop on Intellectual Property Rights 2020	IPR	Workshop	PSG College of Arts and Science	Educational Institute	28-01-2020 00:00:00	29-01-2020 00:00:00	2	0	2	2	No	---	---	No	No							
29	Industry 4.0 for Smart Manufacturing	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	05-12-2019 00:00:00	06-12-2019 00:00:00	2	0	1	1	No	---	---	No	No							
30	Workshop on PLMSS 2019	Innovation	Conference	Indian Institute of Science Bengaluru	Educational Institute	16-12-2019 00:00:00	17-12-2019 00:00:00	2	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>15385</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	15385	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	15385																						
31	FICCI Learning Mission on Industry 4.0	Entrepreneurship/Startup	Workshop	Federation of Indian Chambers of Commerce and Industry	Corporate / Industry Association	25-07-2019 00:00:00	25-07-2019 00:00:00	1	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>17360</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	17360	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	17360																						
32	Machine learning with Business Applications	Innovation	Seminar	IIM-Bangalore	Educational Institute	04-09-2019 00:00:00	09-09-2019 00:00:00	6	0	1	1	No	---	---	No	No							
33	Supervised and Unsupervised learning using Python	Innovation	Workshop	CIT, Coimbatore	Educational Institute	24-08-2019 00:00:00	25-08-2019 00:00:00	2	2	0	2	No	---	---	No	No							
34	National level management meet	Entrepreneurship/Startup	Conference	TNAU	Educational Institute	06-03-2020 00:00:00	07-03-2020 00:00:00	2	2	0	2	Yes	second place	HR Event	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>second place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>HR Event</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	second place	Title of Innovation / Start-up Secured the Award / Recognition	HR Event	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	second place																						
Title of Innovation / Start-up Secured the Award / Recognition	HR Event																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

35	Association of Indian Management Schools - Convention	Entrepreneurship/Startup	Conference	AIMS	Educational Institute	29-08-2019 00:00:00	31-08-2019 00:00:00	3	6	0	6	Yes	5th place	All india level	No	Award / Position / Recognition Secured	5th place	
																Title of Innovation / Start-up Secured the Award / Recognition	All india level	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
36	Chanakya	Entrepreneurship/Startup	Ideation	Madras Management Association	Corporate / Industry Association	29-09-2019 00:00:00	30-09-2019 00:00:00	2	2	1	3	No	---	---	No	No		
37	India international Supply Chain Conference in Aero, Space and Defence	Innovation	Conference	Society of India Aerospace Technologies and Industries, Bangalore.	Corporate / Industry Association	17-01-2020 00:00:00	18-01-2020 00:00:00	2	0	2	2	No	---	---	No	No		
38	DD Robocon 2019	Innovation	Innovation Contest	Doordarsan and IIT Delhi	Govt. Agency (Central)	16-06-2019 00:00:00	16-06-2019 00:00:00	1	25	2	27	No	---	---		Total Total Expense Amount Incurred by Institute? (In Rupees)	156000	No

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	ENTREPRENEURSHIP	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	DEPARTMENT OF HUMANITIES	27-11-2019	13-03-2020	108	Offline	240	35
2	BIOETHICS IPR AND BIOSAFETY	IPR	Elective/Core Credit Course	Bachelor	Department of Biotechnology	27-11-2019	13-03-2020	108	Offline	48	45
3	Brand Management and Advertising	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Fashion Technology	15-06-2019	30-09-2019	108	Offline	30	45
4	Global Trade Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Fashion Technology	15-06-2019	30-09-2019	108	Offline	30	45

5	Apparel Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Fashion Technology	15-06-2019	30-09-2019	108	Offline	30	45
6	Business and Managerial Communication	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Fashion Technology	15-06-2019	30-09-2019	108	Offline	30	45
7	18AE82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF AUTOMOBILE ENGINEERING	05-09-2019	27-12-2019	114	Offline	15	45
8	18CS82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF CIVIL ENGINEERING	05-09-2019	27-12-2019	114	Offline	15	45
9	18ZC82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Bachelor	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	05-09-2019	27-12-2019	114	Offline	12	45
10	18EA82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	05-09-2019	27-12-2019	114	Offline	12	45
11	18ED82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	05-09-2019	27-12-2019	114	Offline	20	45
12	18EE82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	05-09-2019	27-12-2019	114	Offline	14	45
13	18LC82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	05-09-2019	27-12-2019	114	Offline	17	45
14	18LV82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	05-09-2019	27-12-2019	114	Offline	15	45



15	18LW82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	05-09-2019	27-12-2019	114	Offline	11	45
16	18UC82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF INSTRUMENTATION AND CONTROL SYSTEMS ENGINEERING	05-09-2019	27-12-2019	114	Offline	14	45
17	18MD82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF MECHANICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	14	45
18	18MN82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF MECHANICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	14	45
19	18MC82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF MECHANICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	10	45
20	18ML82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF MECHANICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	8	45
21	18SE82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF MECHANICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	14	45
22	18YN82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF METALLURGICAL ENGINEERING	05-09-2019	27-12-2019	114	Offline	6	45
23	18PP82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF PRODUCTION ENGINEERING	05-09-2019	27-12-2019	114	Offline	17	45
24	18PD82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF PRODUCTION ENGINEERING	05-09-2019	27-12-2019	114	Offline	9	45

25	18PM82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF PRODUCTION ENGINEERING	05-09-2019	27-12-2019	114	Offline	5	45
26	18NB82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	05-09-2019	27-12-2019	114	Offline	12	45
27	18BT82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF BIOTECHNOLOGY	05-09-2019	27-12-2019	114	Offline	14	45
28	18NN82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF INFORMATION TECHNOLOGY	05-09-2019	27-12-2019	114	Offline	5	45
29	18TT82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF TEXTILE TECHNOLOGY	05-09-2019	27-12-2019	114	Offline	7	45
30	18LN82 Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	05-09-2019	27-12-2019	114	Offline	10	45

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

Sno	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	Circular and Sustainable Textile Design Processing and Products	Innovation	FDP in I&E / IPR	Department of Textile Technology and PSGTECHS COE Indutech	25-02-2020	29-02-2020	5	Offline	16	30
2	Implementation of Signal Processing Algorithms on DSP Processors	Innovation	FDP in I&E / IPR	Department of Electronics and communication Engineering	16-12-2019	20-12-2019	5	Offline	22	35
3	Recent Trends in Signal Processing	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering	10-02-2020	14-02-2020	5	Offline	50	37
4	From Idea to Implementation Exploring the Potentials of FPGA in Smart Environment	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering	17-06-2019	22-06-2019	6	Offline	46	45

5	CAD for VLSI	Innovation	Employment Generation Training Programs	Department of Electronics and Communication Engineering	12-11-2019	16-11-2019	5	Offline	46	37
6	One Year Certification Program on Cyber Security	Innovation	Employment Generation Training Programs	Department of Information Technology	25-01-2020	28-11-2020	309	Online	18	160
7	One Year Full Time PG Certificate Programme in WELDING AND QUALITY ENGINEERING	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Metallurgical Engineering	17-06-2019	03-11-2019	140	Offline	25	420
8	CNC Programming and Maintenance	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Industrial Automation	20-06-2019	25-07-2019	36	Offline	5	52
9	CNC Programming and Maintenance	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Industrial Automation	20-08-2019	27-09-2019	39	Offline	2	52
10	Industrial Robot programming	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Centre for Industrial Automation	22-08-2019	31-08-2019	10	Offline	1	30
11	Embedded Systems for Robotics	Innovation	Employment Generation Training Programs	Centre for Industrial Automation	27-08-2019	17-09-2019	22	Offline	6	50
12	CNC Programming and Maintenance	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Industrial Automation	15-10-2019	30-11-2019	47	Offline	2	52
13	CNC Programming and Maintenance	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Industrial Automation	24-11-2019	12-02-2020	81	Offline	4	52
14	PLC HMI and SCADA Programming	Innovation	Employment Generation Training Programs	Centre for Industrial Automation	30-11-2019	28-12-2019	29	Offline	12	52
15	CNC Programming and Maintenance	Innovation	Employment Generation Training Programs	Centre for Industrial Automation	24-02-2020	27-03-2020	33	Offline	1	52
16	PLC HMI and SCADA Programming	Innovation	Employment Generation Training Programs	Centre for Industrial Automation	07-03-2020	11-04-2020	36	Offline	3	52
17	Training programme on ARAS Innovator PLM	Innovation	EDP in I&E / IPR	Department of Automobile Engineering	15-07-2019	14-08-2019	31	Offline	20	100
18	FDP on research avenues in drivers and control engineering	Innovation	FDP in I&E / IPR	Department of Electronics and Electronics Engineering	23-09-2019	27-09-2019	5	Offline	20	35
19	Manpower Development for VLSI Design and related software tools	Innovation	Employment Generation Training Programs	Department of Electronics and Communication Engineering	01-07-2019	31-12-2019	184	Offline	15	75
20	Emerging Networking Technologies and Tools	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering	07-06-2019	13-06-2019	7	Offline	42	35
21	Faculty Development Program on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	PSG Science and Technology Entrepreneurial Park	13-05-2019	24-05-2019	12	Offline	18	60

22	Faculty Development Program on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	PSG Science and Technology Entrepreneurial Park	13-05-2020	24-05-2020	12	Offline	12	60
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**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20				
1	Dr.M.Kavitha	Department of Metallurgical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	RESEARCH METHODOLOGY	IPR	Short term Certificate	TEACHING LEARNING CENTER, COIMBATORE INSTITUTE OF TECHNOLOGY	Govt. Agency (Central)	12-05-2019 00:00:00	25-05-2019 00:00:00	14	Offline
2	Dr.G.Thilagavathi	Department of Textile Technology	Professor and Head	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Circular and Sustainable Textile Design, Processing and Products	Innovation	FDP in I&E, IPR	PSG COLLEGE OF TECHNOLOGY, COIMBATORE	Educational Institute	24-02-2020 00:00:00	28-02-2020 00:00:00	5	Offline
3	Dr. J C Sakthivel	Department of Textile Technology	Assistant professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Circular and Sustainable Textile Design, Processing and Products	Innovation	FDP in I&E, IPR	PSG COLLEGE OF TECHNOLOGY, COIMBATORE	Educational Institute	24-02-2020 00:00:00	28-02-2020 00:00:00	5	Offline
4	Dr.M.Senthilkumar	Department of textile Technology	Assistant professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Circular and Sustainable Textile Design, Processing and Products	Innovation	FDP in I&E, IPR	PSG COLLEGE OF TECHNOLOGY, COIMBATORE	Educational Institute	24-02-2020 00:00:00	28-02-2020 00:00:00	5	Offline
5	Ms.S.Tharakeswari	Department of Textile technology	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
6	Dr.K.Sureshkumar	Department of Humanities	Associate Professor	No	No				
7	Dr.L.S.Jayashree	Computer Science and Engineering	Professor	No	Yes				

		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
		Certificate Course on Effective Patent Search and Drafting	IPR	Short term Certificate	Anna University Regional Campus, Coimbatore	Govt. Agency (State)	17-11-2019 00:00:00	21-11-2019 00:00:00	5	Offline
8	Mr.J.Prakash	Computer Science and Engineering		Assistant Professor		No		Yes		
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
		Certificate Course on Effective Patent Search and Drafting	IPR	Short term Certificate	Anna University Regional Campus, Coimbatore	Govt. Agency (State)	17-11-2019 00:00:00	21-11-2019 00:00:00	5	Offline
9	Dr.R.Murugan	Department of Textile Technology		Associate Professor		No		Yes		
		Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
		IIC-MIC in the areas of Innovation, IPR, Entrepreneurship and Start-ups	IPR, Entrepreneurship/Startup	Short term Certificate	MHRD Innovation Council	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
10	Dr.K.Suresh Kumar	Department of Humanities		Associate Professor		Yes		No		
Highest degree name in I&E and IPR	Ph D (Management)	11	Mr.T.Ananthraj	Department of Mechanical Engineering	Assistant Professor				No	
Degree Type	PhD									
Year of Highest degree in I&E and IPR	2013									
No	12	Dr.S.Udhayakumar		Department of Mechanical Engineering		Assistant Professor		No		
No	13	Dr.D.Sivaraj		Department of Electronics and Communication Engineering		Assistant Professor		No		
No	14	Mrs.P.Prabavathi		Department of Electronics and Communication Engineering		Assistant Professor		No		
No	15	Mr.T.Venkatachalam		Department of Electronics and Communication Engineering		Assistant Professor		No		
No	16	Dr.R.Balasundraprabhu		Department of Electronics and Communication Engineering		Assistant Professor		No		
No	17	Dr.K.Vasanthamani		Department of Electronics and Communication Engineering		Assistant Professor		No		
No	18	Dr.S.Jayanthi		Department of Biotechnology		Assistant Professor		No		
No	19	Dr.S.Vidyalakshmi		Department of Biotechnology		Assistant Professor		No		
No	20	Mr.E.Vimal		Department of Instrumentation and control Engineering		Assistant Professor		No		

No	21	Mr.M.Paneerselvam	Department of Instrumentation and control Engineering	Assistant PProfessor	No
No	22	Dr.L.Priya	Department of Biomedical Engineering	Assistant Professor	No
No	23	Dr.R.Surjith	Department of Fashion Technology	Assistant Professor	No
No	24	Dr.B.Vinod	Department of Robotics and Automation Engineering	Professor	No
No	25	Dr.M.Suresh	Department of Robotics and Automation Engineering	Associate Professor	No
No	26	Dr.M.Sundaram	Department of Electrical and Electronics Engineering	Associate Professor	No
No	27	Dr.K.Anithakumari	Department of Information Technology	Associate Professor	No
No	28	Mr.J.Arumugam	Department of Information Technology	Assistant Professor	No
No	29	Mr.K.Pradeep	Department of Production Engineering	Assistant Professor	No
No	30	Dr.S.Saravanan	Department of Production Engineering	Professor	No
No	31	Mr.K.Saravanankumar	Department of Production Engineering	Assistant Professor	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	IEEE-EMBS students chapter Madras section	Innovation Club	2016	Co-working Space,3D Printing	Innovation Labs	3	Sherly Angel S	sherlyangel257@gmail.com	8754184539
2	Electronics and Communication Engineering Association	Idea Club	1990	Co-working Space	Centre of Excellence with Advance Tools	10	Nitin Krishna V	nitinkrishna.cbe@gmail.com	8778531892
3	Artificial Intelligence and Robotics	Idea Club	2019	Co-working Space,Work Stations	Innovation Labs	5	S Rubesh Thirumani	thirumanirubesh@gmail.com	7639808033
4	Entrepreneurs club	Startup Club	2005	Co-working Space,Work Stations	Pre-Incubation Unit	11	Kavya Parthiban	kavya@live.co.uk	8012572727
5	Youth Outreach	Idea Club	2017	Co-working Space,Work Stations	No Such Facilities Exist in the Campus	7	S Aswak	aswak951999@gmail.com	7397633915
6	Global Leaders Forum	Idea Club	2009	Co-working Space,Work Stations	No Such Facilities Exist in the Campus	3	S Vairavan	vairavansomasundaram98@gmail.com	9095251541
7	Students Research Council	Idea Club	2011	Co-working Space,Work Stations	Innovation Labs	4	Nandigam Kalyan karthik	nandigamkalyankarthik18@gmail.com	9701505555
8	Sir C V Raman Physics Association	Idea Club	2015	Co-working Space	No Such Facilities Exist in the Campus	3	Nitin Krishna V	17L131@psgtech.ac.in	9943153635

9	Computer Science and Engineering Association	Idea Club	2015	Co-working Space	No Such Facilities Exist in the Campus	9	Gowtham T M	gowthamvasu10@gmail.com	9751458120
10	Textile Technology Association (TTA)	Idea Club	1992	Co-working Space	Innovation Labs	13	M.MOHAMED ANWAR	anwar211998@gmail.com	7868888324
11	Production Engineering Association (PEA)	Idea Club	2005	Co-working Space	Innovation Labs	1	P.S.Pradeep kumar	16p634@psgtech.ac.in	8903632715
12	PSG-American Society of Mechanical Engineers	Idea Club	2008	Co-working Space	No Such Facilities Exist in the Campus	4	Balaji T	balajeric001@gmail.com	9677900644
13	Indian Institution of Industrial Engineering(IIIE PSG Tech Students Chapter)	Idea Club	2012	Co-working Space,Work Stations	Innovation Labs	7	Dhineshkumar S	dhineshssgd@gmail.com	759816688
14	Mechanical Engineering Association	Idea Club	1990	Co-working Space	No Such Facilities Exist in the Campus	15	M GOWTHAM	mgowtham1100@gmail.com	8489714152
15	Automobile Engineering Association	Idea Club	1999	Co-working Space	Innovation Labs	6	Arun.A.P	17A205@psgtech.ac.in	9786500704
16	Metallurgical Engineering Association	Idea Club	1999	Co-working Space	No Such Facilities Exist in the Campus	9	Thilak chakaravarthi E	Thilakchakaravarthy@gmail.com	8778135520
17	PSG Space Centre	Innovation Club	2018	Co-working Space	Innovation Labs	2	Adarsh V Srinivasan	adarshvsrinivasan@gmail.com	9445193957

**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)**

**No Data Filled!**

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

1	Centre of Excellence in Welding Engineering and Technology	2016	Pre-Incubation, Incubation Unit, Innovation Labs	Department of Heavy Industry , Govt of India	Facility Incharge Name	Dr.S.Suresh	19	No	Yes		Yes
					Facility Incharge Email	gm.coew@p sgtech.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	240000	
					Facility Incharge Phone	42243444508			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	600000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
Funding Agency		Department of Heavy Industry , Govt of India			Govt. Agency (Central)		210000000				
2	PSG- Keysight Technologies Centre of Excellence in Advanced Wireless Technology	2012	Pre-Incubation, Incubation Unit, Innovation Labs, Student Clubs	Keysight Technologies, PSG Management	Facility Incharge Name	Dr T Kesavamurthy	5	No	No	Yes	
					Facility Incharge Email	tkm.ec e@psg tech.ac .in					
					Facility Incharge Phone	9443118710					
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
-		-			-		5000000				
3	Centre of Excellence for Signal Processing (CESP)	2019	Pre-Incubation, Incubation Unit, Student Clubs	AICTE (MODROBS)	Facility Incharge Name	Dr.S.Mohandas	4	No	No	Yes	
					Facility Incharge Email	smd.ec e@psg tech.ac .in					
					Facility Incharge Phone	9965506820					



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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)									
-		-		-		1460000									
4	VLSI Design Centre	2015	Pre-Incubation, Incubation Unit, Student Clubs	Special Manpower Development Programme for Chips to System Design and Visvesvaraya Phd Scheme, Digital India, MeitY	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. P. Kalpana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pkl.ece@psgt ech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9486438462</td> </tr> </table>	Facility Incharge Name	Dr. P. Kalpana	Facility Incharge Email	pkl.ece@psgt ech.ac.in	Facility Incharge Phone	9486438462	10	No	No	Yes
Facility Incharge Name	Dr. P. Kalpana														
Facility Incharge Email	pkl.ece@psgt ech.ac.in														
Facility Incharge Phone	9486438462														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)									
-		-		-		16900000									
5	PSG- Keysight Technologies Centre for Baseband Communication and Advanced Embedded systems	2015	Pre-Incubation, Incubation Unit, Innovation Labs	PSG Management	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. V. Anusuya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kva.ece@psgtech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9843969627</td> </tr> </table>	Facility Incharge Name	Dr. K. V. Anusuya	Facility Incharge Email	kva.ece@psgtech.ac.in	Facility Incharge Phone	9843969627	7	No	No	Yes
Facility Incharge Name	Dr. K. V. Anusuya														
Facility Incharge Email	kva.ece@psgtech.ac.in														
Facility Incharge Phone	9843969627														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)									
Institute's Own Fund / Resource		PSG College of Technology		Educational Institute		9756000									
6	PSG BCC Learnovate Center	2019	Pre-Incubation, Incubation Unit, Innovation Park/Research Park		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. N.Hema Priya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nhp.it@psgt ech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9943933229</td> </tr> </table>	Facility Incharge Name	Dr. N.Hema Priya	Facility Incharge Email	nhp.it@psgt ech.ac.in	Facility Incharge Phone	9943933229	2	No	No	No
Facility Incharge Name	Dr. N.Hema Priya														
Facility Incharge Email	nhp.it@psgt ech.ac.in														
Facility Incharge Phone	9943933229														

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

7	PSG-Center For Audio Visual Speech Recognition	2019	Pre-Incubation, Incubation Unit, Student Clubs	Department of Science and Technology, ICPS	Facility Incharge Name	Dr.L.A shok Kumar	5	Yes	No	Yes	
					Facility Incharge Email	lak.eee @psgt ech.ac. in					
					Facility Incharge Phone	99761 28726					
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)					
-		-		-		0					
8	PSG-TI Centre of Excellence for Medical Electronics	2017	Innovation Labs		Facility Incharge Name	Dr. B.Pad mapriya	2	No	No	No	
					Facility Incharge Email	bpp.b me@p sgtech. ac.in					
					Facility Incharge Phone	94438 83109					
9	Virtual Reality Centre	2002	Innovation Labs		Facility Incharge Name	K.Pradeep	2	No	Yes		No
					Facility Incharge Email	kpp.pr od@ps gtech. ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	96008 93466			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	279277	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

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

10	Advanced Tooling & Precision Dies	2009	Innovation Labs	Advanced Manufacturing, AR&DB	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>V Krishnaraj</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vk.pr@d@psgtech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9788454142</td> </tr> </table>	Facility Incharge Name	V Krishnaraj	Facility Incharge Email	vk.pr@d@psgtech.ac.in	Facility Incharge Phone	9788454142	3	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>65037</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	65037	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	V Krishnaraj																						
Facility Incharge Email	vk.pr@d@psgtech.ac.in																						
Facility Incharge Phone	9788454142																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	65037																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
11	PSG-TRIDENT Centre for alternate cooling technologies	2018	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.L.Ashok Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>lak.eee@psgtech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9843281115</td> </tr> </table>	Facility Incharge Name	Dr.L.Ashok Kumar	Facility Incharge Email	lak.eee@psgtech.ac.in	Facility Incharge Phone	9843281115	3	No	No	No								
Facility Incharge Name	Dr.L.Ashok Kumar																						
Facility Incharge Email	lak.eee@psgtech.ac.in																						
Facility Incharge Phone	9843281115																						
12	PSGTECHS Centre of Excellence for Industrial and Home Textiles (COE INDUTECH)	2011	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Ministry of Textiles, Government of India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr G Thilagavathi and Dr S Neelakrishnan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>thilagspg@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9894769906</td> </tr> </table>	Facility Incharge Name	Dr G Thilagavathi and Dr S Neelakrishnan	Facility Incharge Email	thilagspg@gmail.com	Facility Incharge Phone	9894769906	9	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>253300</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>15741212</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	253300	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15741212	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Dr G Thilagavathi and Dr S Neelakrishnan																						
Facility Incharge Email	thilagspg@gmail.com																						
Facility Incharge Phone	9894769906																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	253300																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15741212																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

**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?
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes	
1	PSG-STEP: Nanotech Research Innovation and Incubation Centre - NRIIC	2015	Innovation Labs		Facility Incharge Name	Dr K Suresh Kumar	1	No	Yes		Yes
					Facility Incharge Email	step@psgtech.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	04224 36330 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	63632	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	98418	
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)	
2	PSG-STEP:BioNEST Incubation Centre	2018	Innovation Labs	BIRAC, Govt of India	Facility Incharge Name	Dr K Suresh Kumar	1	No	Yes		Yes
					Facility Incharge Email	step@psgtech.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	04224 36330 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	2882	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	160399	

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)					
Funding Agency		BIRAC, Govt of India		Govt. Agency (Central)		9500000					
3	PSG-STEP:Center of Excellence	2018	Centre of Excellence with Advance Tools	DST, Govt. of India	Facility Incharge Name	Dr K Suresh Kumar	2	No	Yes		Yes
					Facility Incharge Email	step@psgtech.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	04224 36330 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	248350	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	48000	
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		PSG College of Technology		Educational Institute		2000000					
Institute's Own Fund / Resource		PSG College of Technology		Educational Institute		2000000					
4	PSG-STEP NIDHI-COE	2018	Innovation Labs	DST, Govt. of India	Facility Incharge Name	Dr K Suresh Kumar	1	No	No	Yes	
					Facility Incharge Email	step@psgtech.edu					
					Facility Incharge Phone	04224 36330 0					
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		PSG COLLEGE OF TECHNOLOGY		Educational Institute		0					

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

5	PSG-STEP:PRAYAS Innovation Lab	2018	Pre- Incubation, Innova tion Labs		Facility Incharge Name	Dr K Suresh Kumar	1	No	Yes		Yes
					Facility Incharge Email	step@ psgtec h.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	04224 36330 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	146425	
									Total Annual Income from Office Space and Rental Services to Start- ups/Innovators (In Rupees)	919258	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
6	Focus Incubation Center	2015	Pre- Incubation, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Ministry of Textiles, Government of India	Facility Incharge Name	Dr G Thilag avathi and Dr S Neelak rishna n	9	No	Yes		Yes
					Facility Incharge Email	thilgap sg@g mail.co m			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	98947 69906			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	6594541	
									Total Annual Income from Office Space and Rental Services to Start- ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		

**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	Year of Establishment	Innovation Park / Research Park	Name of the Funding	Facility Details	Total Nos of Dedicated	Had the Research Park/Innovation Park Provided	Had institute Generated Income either from Services Offered by	Had the Research Park/Innovation Park Provided
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**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

1	PSG STEP	1998	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Schemes Available with Research/Innovation Park, if any (Optional)	Facility Incharge Details		7	Yes	No	Yes					
					Facility Incharge Name	Facility Incharge Email									
				<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr K Suresh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>step@psgtech.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99524 27232</td> </tr> </table>		Facility Incharge Name	Dr K Suresh Kumar	Facility Incharge Email	step@psgtech.edu	Facility Incharge Phone	99524 27232				
Facility Incharge Name	Dr K Suresh Kumar														
Facility Incharge Email	step@psgtech.edu														
Facility Incharge Phone	99524 27232														
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)					
-				-				-		0					

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

1	PSG IPR CELL	2019	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details		7	No	No	Yes					
					Facility Incharge Name	Facility Incharge Email									
				<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. G.Thilagavathi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod.text@psgtech.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04222 57416 9</td> </tr> </table>		Facility Incharge Name	Dr. G.Thilagavathi	Facility Incharge Email	hod.text@psgtech.ac.in	Facility Incharge Phone	04222 57416 9				
Facility Incharge Name	Dr. G.Thilagavathi														
Facility Incharge Email	hod.text@psgtech.ac.in														
Facility Incharge Phone	04222 57416 9														
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)					

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr.M.Kavitha	Assistant Professor	Idea/Innovation Development, IPR Protection & Commercialization	2

**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)
	SLIP CASTING OF BIOCERAMICS	Within	
2	Dr.G.Thilagavathi	Professor and Head	Idea/Innovation Development,IPR Protection & Commercialization
			5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Industrial Textiles, Automotive Textiles, Home Textiless	Within	
3	Dr. J C Sakthivel	Assistant professor	Idea/Innovation Development
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Nonwovens, Technical Textiles	Within	
4	Dr.M.Senthilkumar	Assistant professor	Idea/Innovation Development
			4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wet Chemical Processing	Within	
5	Ms.S.Tharakeswari	Assistant Professor	Idea/Innovation Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wet Chemical Processing	Within	
6	Dr.K.Sureshkumar	Associate Professor	Entrepreneurship/Startup Development
			20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Entrepreneurship	Within	
7	Dr.L.S.Jayashree	Professor	Idea/Innovation Development,IPR Protection & Commercialization
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Memory Aide for Cognitively Impaired Patients	Within	
8	Mr.J.Prakash	Assistant Professor	IPR Protection & Commercialization
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Internet of Things	Within	
9	Dr.R.Murugan	Associate Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Innovations in Textile Engineering	Within	



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

10	Mr.T.Ananthraj	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vithai Urundai Maker		Within	
11	Dr.S.Udhayakumar	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 development of self-adjusting piezoelectric energy harvester		Within	
12	Dr.D.Sivaraj	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Lock (LOCK AND WALK)		Within	
	PARK SMART		Within	
13	Mrs.P.Prabavathi	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Lock (LOCK AND WALK)		Within	
	PARK SMART		Within	
14	Mr.T.Venkatachalam	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Plant leaf disease detection		Within	
15	Dr.R.Balasundraprabhu	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cost Effective IoT Enabled Automation of Spray Pyrolyzer		Within	
16	Dr.K.Vasanthamani	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fingerprint and OTP based Cardless ATM (FOCA)		Within	
17	Dr.S.Jayanthi	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IN-Vitro Production of Commercially Viable Active Components Through Hairy Root Induction		Within	
18	Dr.S.Vidyalakshmi	Assistant Professor	Idea/Innovation Development	1

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IN-Vitro Production of Commercially Viable Active Components Through Hairy Root Induction		Within	
19	Mr.E.Vimal	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Remote Energy Management		Within	
20	Mr.M.Paneerselvam	Assistant PProfessor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Assistive wearables for visually impaired		Within	
21	Dr.L.Priya	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Power generation using foot step		Within	
22	Dr.R.Surjith	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Designing and development of body warmth indicator garment		Within	
23	Dr.B.Vinod	Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Water Management System		Within	
24	Dr.M.Sundaram	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Water Management System		Within	
25	Dr.M.Suresh	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Water Management System		Within	
26	Dr.K.Anithakumari	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based Smart library Information System		Within	

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

27	Mr.J.Arumugam	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based Smart library Information System		Within	
28	Mr.K.Pradeep	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Energy Management in Metrocity Planning using Virtual Reality Technology		Within	
29	Dr.S.Saravanan	Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of Augmented Reality Application for Chemistry Education		Within	
30	Mr.K.Saravanankumar	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Energy Management in Metrocity Planning using Virtual Reality Technology		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	Samsung R & D Institute India - Bangalore Private Limited , Bangalore	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	
	MoU with Samsung PRISM	21-12-2019	29-03-2020	100	16	70	Innovation/Prototype	
2	Boston Creative Company, USA	Idea/Innovation Development					Unstructured Mentorship	
3	AIMIL Ltd, Chennai	Idea/Innovation Development					Unstructured Mentorship	
4	Hewlett Packard (India) Software Operation Private Limited, Bangalore	Idea/Innovation Development					Unstructured Mentorship	
5	Climate Smart Technologies Pvt Ltd, Coimbatore	Idea/Innovation Development					Unstructured Mentorship	
6	FLUKE Technologies Pvt Ltd, Bangalore	Idea/Innovation Development					Unstructured Mentorship	
7	Cloudera, Bangalore	Idea/Innovation Development					Unstructured Mentorship	
8	EMURGO Learning Solutions Pvt Ltd, Chennai	Entrepreneurship/Startup Development					Unstructured Mentorship	
9	NAVAT Solutions (OPC) Private Limited, Bangalore	Idea/Innovation Development					Unstructured Mentorship	
10	Malaysia Automotive Robotics and IoT Institute, Malaysia	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						
1	Automated Screening Device for Diabetic Peripheral Neuropathy	Product Innovation	Technological	PSG-TI Centre of Excellence in Medical Electronics	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Adopted and Implemented at Ground	<table border="1"> <tr> <td>Agency Name</td> <td>IEEE Educational Society</td> </tr> <tr> <td>Agency Type</td> <td>International Agencies</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>First place</td> </tr> </table>	Agency Name	IEEE Educational Society	Agency Type	International Agencies	Award / Position / Recognition Secured	First place	No	No	No	No
Agency Name	IEEE Educational Society																		
Agency Type	International Agencies																		
Award / Position / Recognition Secured	First place																		
Name					Type				Gender		Email		Contact						
Mr.S. Pradeeph					Student				Male		spradeeph247@gmail.com		9600078323						

2	Designing an Ergonomic Workwear for Operators & Managers in ITC Foods Business Division, Viralmalai	Product Innovation	Non-Technological / Social / Community Innovation	Computer Aided Fashion Design Laboratory	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.D.Vijayalakshmi	Faculty	Female	hod.afd@pshtech.ac.in	04224344655

Name	Type	Gender	Email	Contact
Dr. Nirmala Varghese	Faculty	Female	rvn.afd@psgtech.ac.in	04224344656

3	Design & Development of high power density In-wheel direct torque motors using ferrite/magnet less configuration for E-vehicles	Product Innovation	Technological	DHI	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	Grant Amount in Rs 16500000	No	No
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Name	Type	Gender	Email	Contact
Dr.Sundaram M	Faculty	Male	msm.eee@psgtech.ac.in	9487018281

Name	Type	Gender	Email	Contact
Dr.Chelladurai J	Faculty	Male	jcd.eee@psgtech.ac.in	9842017488

4	Design and Fabrication of Indigenous Powder Fed Metal Additive Manufacturing Machine	Product Innovation	Technological	DST	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	Grant Amount in Rs 51942080	No	No
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Name	Type	Gender	Email	Contact
Dr.Vinod B	Faculty	Male	hod.rae@psgtech.ac.in	9487018281

Name		Type							Gender		Email		Contact	
Dr. Neelaveni R		Faculty							Female		rnv.eee@psgtech.ac.in		9843281115	
5	Development of Deep Learning based Unmanned Animal Intrusion monitoring and Deterrent System for Agricultural Lands	Product Innovation	Technological	DST	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	Grant Amount in Rs	3800000	No	No
	Name		Type							Gender		Email		Contact
	Dr.Ashok Kumar L		Faculty							Male		lak.eee@psgtech.ac.in		9843281115
	Name		Type							Gender		Email		Contact
Dr.Sundaram M		Faculty							Male		msm.eee@psgtech.ac.in		9487018281	
6	In-vitro Production of commercially viable active components (Acetogenins) through hairy root induction	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	25000	No	No
	Name		Type							Gender		Email		Contact
	Dr. S. Jayanthi		Faculty							Female		jay.bio@psgtech.ac.in		9360091011
	Name		Type							Gender		Email		Contact
	Dr. S. Vidyalakshmi		Faculty							Female		svd.bio@psgtech.ac.in		9894593378
	Mr. R. Harisharan		Student							Male		17B213@psgtech.ac.in		7010328423
	Ms.B. Ayshwariya		Student							Female		17B205@psgtech.ac.in		8637447753
Ms. J. Gopika		Student							Female		17B212@psgtech.ac.in		8838390517	
Ms. U. Rahamatthunnisha		Student							Female		17B234@psgtech.ac.in		9677446251	

7	Memory Aide for Cognitively Impaired Patients	Product Innovation	Technological	DST Center of Excellence for Assistive Technology and Rehabilitation Engineering Solutions	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	ISTE	No	Grant Amount in Rs 32851	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	Approved				

Name	Type	Gender	Email	Contact
I..S. Jayashree	Faculty	Female	lsj.cse@psgtech.ac.in	9994254502

Name	Type	Gender	Email	Contact
Swathi Selvanathan	Student	Female	swathi110296@gmail.com	7904132966

8	Wearable gait Assessment and Fall risk prediction device	Product Innovation	Technological	DST Center of Excellence for Assistive Technology and Rehabilitation Engineering Solutions	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	Agency Name	ISTE	No	Grant Amount in Rs 1077000	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	National award for Innovation in Engineering and Technology				

Name	Type	Gender	Email	Contact
Dr.L..S. Jayashree	Faculty	Female	lsj.cse@psgtech.ac.in	9994254502

Name		Type							Gender			Email		Contact	
Swathi Selvanathan		Student							Female			swathi110296@gmail.com		7904132966	
9	Energy meter data analysis using machine learning techniques	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No		No	
	Name		Type							Gender			Email		Contact
	Dr. K. Anitha Kumari		Faculty							Female			kak.it@psgtech.ac.in		9842525820
	Name		Type							Gender			Email		Contact
	Ms. M. ABARNA DEVI		Student							Female			16I201.it@psgtech.ac.in		8526187444
Ms. S. Dheva dharshini		Student							Female			16I213.it@psgtech.ac.in		9487962407	
10	Automated outlier detection for electrical machines	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No		No	
	Name		Type							Gender			Email		Contact
	Dr. K. Anitha Kumari		Faculty							Female			kak.it@psgtech.ac.in		9842525820
	Name		Type							Gender			Email		Contact
	Ms. Nivethitha s		Student							Female			17I229.it@psgtech.ac.in		9952777226
	Mr. Paul sam manoj b		Student							Male			17I231.it@psgtech.ac.in		9842137773
Ms. Vaishnavi r		Student							Female			17I260.it@psgtech.ac.in		7550280893	
Mr. Kishore kumar p		Student							Male			18I434.it@psgtech.ac.in		8056209828	



11	Prediction of lifetime of transformer	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Dr. K. Anitha Kumari		Faculty			Female		kak.it@psgtech.ac.in		9842525820				
Name		Type			Gender		Email		Contact				
Ms. Dharini v		Student			Female		171213.it@psgtech.ac.in		7904092970				
Ms. Jothika g		Student			Female		171219.it@psgtech.ac.in		9080502954				
Ms. Shopiya k		Student			Female		171250.it@psgtech.ac.in		9751853440				
Mr. Sundarajan v		Student			Male		181439.it@psgtech.ac.in		8189812088				
12	Automating listing products from amazon to ETSY	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Dr.N.Hema Priya		Faculty			Female		nhp.it@psgtech.ac.in		9943933229				
Name		Type			Gender		Email		Contact				
Mr.N.prasanth		Student			Male		171232.it@psgtech.ac.in		7094099233				
13	Design and Development of a Reusable Electrochemical Sensor for Blood Cholesterol Monitoring with Smartphone for Cardiovascular Disease Prevention	Product Innovation	Technological	AICTE	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	2900000	No	No
		Grant Amount in Rs											

Name		Type		Gender		Email		Contact					
Dr.Ashok Kumar L		Student		Male		lak.eee@psgtech.ac.in		9843281115					
Name		Type		Gender		Email		Contact					
Dr.D.Janaki Sathya		Faculty		Female		djs.eee@psgtech.ac.in		9944155812					
14	Energy Management in Metrocity Planning using Virtual Reality Technology	Process Innovation	Technological	PSG College of Technology	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Sugasini M G		Student		Female		sugasinimg@gmail.com		9894672475					
Name		Type		Gender		Email		Contact					
K.Pradeep		Student		Male		kpp.prod@psgtech.ac.in		9600893466					
15	Water Management and City Planning Using Augmented Reality	Process Innovation	Technological	PSG College of Technology	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Oviya S		Student		Female		oviyaseenu@gmail.com		8610984818					
Name		Type		Gender		Email		Contact					
K.Pradeep		Student		Male		kpp.prod@psgtech.ac.in		9600893466					

16	Developing an Integrated Industrial Internet of Things Using Virtual Reality Platform to Visualize Real-Time Data for Industrial Application	Process Innovation	Technological	PSG College of Technology	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Samuel Kingslin Kumar A		Student			Male			kingslinsamuel@gmail.com			7904058524		
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
K.Pradeep		Student			Male			kpp.prod@psgtech.ac.in			9600893466		
17	Development of Augmented Reality Application for Chemistry Education	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Jeffin W C		Student			Female			wjcj1997@gmail.com			9442654507		
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
S.Saravanan		Faculty			-			-			-		
18	Application of Virtual Reality In Assembly, Safety And Maintenance Training of an Air Compressor	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No

Name		Type		Gender		Email		Contact							
Thanga Lekshmi R		Student		Female		priyaperumal24051997@gmail.com		8270172547							
Name		Type		Gender		Email		Contact							
R.Rajamani		Faculty		Male		rrm.prod@psgtech.ac.in		9442815532							
19	Development of Augmented Reality Learning Application for Kindergarten Education	Process Innovation	Technological	PSG College of Technology	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	No	No	No		
Name		Type		Gender		Email		Contact							
Ram Kumar S		Student		Male		ram4kumar45@gmail.com		9095446789							
Name		Type		Gender		Email		Contact							
Dr.M.R.Pratheesh Kumar		Faculty		Male		mrp.prod@psgtech.ac.in		9786417582							
20	Toilet Cleaning Robot	Product Innovation	Technological	PSG College of Technology	Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Ongoing	Agency Name TN SC ST	Agency Type Govt. Agency (State)	Award / Position / Recognition Secured Project Sanctioned	No	No	No	Amount Received in Rs. 403000
Name		Type		Gender		Email		Contact							
Dr.M.Suresh		Faculty		Male		msh.rae@psgtech.ac.in		9965385854							

21	Evaluating the effectiveness of the collaborative learning in fashion studies	Service Innovation	Non-Technological / Social / Community Innovation	Department of Apparel & Fashion Design	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. D. Vijayalakshmi		Faculty			Female		hod.afd@pshtech.ac.in			04224344656			
22	Process optimization for Mass Production of Bio Inoculants using Tea waste	Process Innovation	Technological	Department of Biotechnology	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr S Jayanthi		Faculty			Female		jay.bio@psgtech.ac.in			9360091011			
23	Privacy Preservation in Recommender System	Process Innovation	Technological	Department of Information Technology	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

		Name				Type				Gender			Email		Contact
		S.Sangeetha				Faculty				Female			bsg.it@psgtech.ac.in		9894940664
24	Co -Continuous Ceramic Composites for Ballistic Protection	Product Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No	No	
	Name		Type				Gender			Email		Contact			
	Dr Prasanth A S		Faculty				Male			asp.mech@psgtech.ac.in		9944642135			
25	Smart Pump	Product Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No		
	Name		Type				Gender			Email		Contact			
	T. Prabhu		Faculty				Male			tpr.mech@sgtech.ac.in		9842792676			

26	Sheet metal forming without die	Process Innovation	Technological	Department of Production Engineering	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Pratheesh Kumar M R		Faculty			Male		mrp.prod@psgtech.ac.in		9786417582				
27	Novel approach in dyeing of cotton fabric without salt	Process Innovation	Technological	Department of Textile Technology	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Dr.M.Senthilkumar		Faculty			Male		msk.textile@psgtech.ac.in		9443948513				
Name		Type			Gender		Email		Contact				
Dr. S. Vidyalakshmi		Faculty			Female		svd.bio@psgtech.ac.in		9894593378				
Mr. R. Harisharan		Student			Male		17B213@psgtech.ac.in		7010328423				
Ms.B. Ayshwariya		Student			Female		17B205@psgtech.ac.in		8637447753				
Ms. J. Gopika		Student			Female		17B212@psgtech.ac.in		8838390517				
Ms. U. Rahamatthunnisha		Student			Female		17B234@psgtech.ac.in		9677446251				

28	Hybrid Solar Collector	Product Innovation	Technological	PSG TRIDENT Centre for Alternative Cooling technologies	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.L.Ashok Kumar		Faculty			Male			lak.eee@psgtech.ac.in			9843281115		
Name		Type			Gender			Email			Contact		
Dr.Madhu Ganesh		Faculty			Male			madhu@asme.org			9442527215		
29	Solid Desiccant Cooling system	Product Innovation	Technological	PSG TRIDENT Centre for Alternative Cooling technologies	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.L.Ashok Kumar		Faculty			Male			lak.eee@psgtech.ac.in			9843281115		
Name		Type			Gender			Email			Contact		
Dr.Madhu Ganesh		Faculty			Male			madhu@asme.org			9442527215		
30	Liquid Desiccant Cooling system	Product Innovation	Technological	PSG TRIDENT Centre for Alternative Cooling technologies	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No



Name	Type	Gender	Email	Contact
Dr.L.Ashok Kumar	Faculty	Male	lak.eee@psgtech.ac.in	9843281115

Name	Type	Gender	Email	Contact
Dr.Madhu Ganesh	Faculty	Male	madhu@asme.org	9442527215

31	Textile Waste Utilization	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name	SPARC	No	No	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	BEST				

Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

32	Coalesing Filter	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

33	Extreme cold weather clothing	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr G Thilagavathi		Faculty			Female		thilagapsg@gmail.com			9894769906			
Name		Type			Gender		Email			Contact			
Dr S Neelakrishnan		Faculty			Male		neelspsg@gmail.com			9894759928			
34	Coverall Lamination	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr G Thilagavathi		Faculty			Female		thilagapsg@gmail.com			9894769906			
Name		Type			Gender		Email			Contact			
Dr S Neelakrishnan		Faculty			Male		neelspsg@gmail.com			9894759928			
35	Coir Wood Composite	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

36	Concrete Nonwoven	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

37	Oil separation	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

38	Kitchen wipes	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr G Thilagavathi		Faculty			Female		thilagapsg@gmail.com			9894769906			
Name		Type			Gender		Email			Contact			
Dr S Neelakrishnan		Faculty			Male		neelspsg@gmail.com			9894759928			
39	Display cleaning wipes	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr G Thilagavathi		Faculty			Female		thilagapsg@gmail.com			9894769906			
Name		Type			Gender		Email			Contact			
Dr S Neelakrishnan		Faculty			Male		neelspsg@gmail.com			9894759928			
40	Wall covering	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

41	Eco Abrasives	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation - Concept and applic ation have been formu lated.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Male	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Male	neelspsg@gmail.com	9894759928

42	Biodegradable cups	Product Innovation	Technological	PSGTE CHS COE INDUTE CH	Faculty	TRL 2 : Technology formulation - Concept and applic ation have been formu lated.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr G Thilagavathi	Faculty	Female	thilagapsg@gmail.com	9894769906

Name	Type	Gender	Email	Contact
Dr S Neelakrishnan	Faculty	Female	neelspsg@gmail.com	9894759928

43	3D PRINTED AIRWAY FOR TRAINING IN BRONCHOSCOPY	Product Innovation	Technological		PSG Technology Information, Forecasting and Assessment Council - core	Staff	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>				
Mr. M.Gunaseelan		Staff			Male		gunamechpsg@gmail.com			9894319997				
44	A Novel Radio Transparent Solution for an External Fixation in orthopaedics	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 950000	No	No	
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>				
Parthiban Subramaniyan		Innovator/Entrepreneur External to Institute			Male		parthibiometeta17@gmail.com			8124511769				
45	Eco-friendly bio degradable alternatives to plastics	Product Innovation	Technological		External to the Institute/Incubatee	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs 600000	No	No	
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>				
Selvan Cibhi sudhan		Incubatee Entrepreneur			Male		cew@plantec.in			9488437773				

46	Windmill Watcher	Product Innovation	Technological		Alumni	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs	970000	No	No
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Name	Type	Gender	Email	Contact
Katomaran Technology & Business Solutions	Alumni Entrepreneur	Male	muthu@katomaran.com	8754933700

47	IoT Biometric system for Real time Staff Monitoring by SMEs	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	790000	No	No
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Name	Type	Gender	Email	Contact
Ankit Mohan	Innovator/Entrepreneur External to Institute	Male	ankit.m@hurestic.com	9686833277

48	BREWE - A Fresh Tea Making Machine	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs	900000	No	No
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Name	Type	Gender	Email	Contact
Gowrishankar D	Innovator/Entrepreneur External to Institute	Male	gshankar.duraisamy@gmail.com	9842024757

49	Fast Autonomous Scanning Sorter Tool Economical and Rewirable	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	360000	No	No
Name		Type			Gender		Email		Contact					
Manivasagm Ramamoorthy		Alumni Entrepreneur			Male		manivasagan111@gmail.com		9659505284					
50	An Autonomous Tools for Maintenance Activities	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	360000	No	No
Name		Type			Gender		Email		Contact					
Sarath kumar C		Alumni Entrepreneur			Male		03sarath@gmail.com		8940876397					
51	Economics Graphene Super Capacitors for power and storage	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	360000	No	No
Name		Type			Gender		Email		Contact					
V Vimalraj		Innovator/Entrepreneur External to Institute			Male		vimalraj_ceg@yahoo.co.in		9790789084					



52	Prototype model of Biometric System using Sensor GT511C2 for Fingerprint	Product Innovation	Technological	Department of Electronics and communication Engineering	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	620000	No	No
Name		Type			Gender		Email			Contact			
Dr.P.Kalpana		Faculty			Female		pkl.ece@psgtech.ac.in			9486438462			
Name		Type			Gender		Email			Contact			
Dr.K.Rajalakshmi		Faculty			Female		krl.ece@psgtech.ac.in			9791017546			

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	Plantec Industries	Product Innovation	Technological	48	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	305000	No	Amount Received in Rs	360000	No
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Name	DIN number	Type	Gender	Email	Contact
Sibi chelvan	0	Incubatee Entrepreneur	Male	cew@plantec.in	9488437773

2	Vyazhan Technologies Private Limited	Product Innovation	Technological	48	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U72900TN2019PTC12832	2019-20	Received Incubation Support from Incubation Unit	Agency Name	NIDHI - Entrepreneur-in-Residence (EIR)	Grant Amount in Rs	360000	No	Amount Received in Rs	360000	No
										Agency Type	Govt. Agency (Central)						
										Award / Position / Recognition Secured	Rs 360000						

Name	DIN number	Type	Gender	Email	Contact
Mr Manivasagan Ramamoorthy	0	Incubatee Entrepreneur	Male	manivasaganr@vyazhan.com	9659505284

3	Hurestic IoT Systems	Product Innovation	Technological	48	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	395000	No	Amount Received in Rs	360000	Yes
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Name		DIN number		Type		Gender		Email		Contact						
Mr Ankit Mohan		0		Incubatee Entrepreneur		Male		ankit.m@hurestic.com		9686833277						
4	Katomaran Technology & Business Solutions	Service Innovation	Techno logical	48	Alumni	Venture with Corporate Identification Number (CIN) Registration	33JNUPS1041B1ZZ	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	970000	No	Amount Received in Rs	360000	No
	Muthu Vangaliappan		33JNUPS1041B1ZZ		Alumni Entrepreneur		Male		muthu@katomaran.com		8754933700					
5	BoatLoad Minds Pvt Ltd	Product Innovation	Techno logical	48	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U29269TZ2018PTC030747	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	900000	No	Amount Received in Rs	360000	No
	Gowrishankar D		0		Incubatee Entrepreneur		Male		gshankar.duraisamy@gmail.com		9842024757					

6	Psitron Technologies Pvt Ltd	Service Innovation	Technological	48	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration U72900TZZ 018PTC030 533	2019-20	Graduated from the Incubation unit	No	360000	No	Amount Received in Rs 360000	No
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Name	DIN number	Type	Gender	Email	Contact
Sarath kumar C	0	Innovator/Entrepreneur External to Institute	Male	03sarath@gmail.com	8940876397

7	Ananda Vinayak Ideas	Product Innovation	Technological	48	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration 331463427 96	2019-20	Received Incubation Support from Incubation Unit	No	360000	No	No	No
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Name	DIN number	Type	Gender	Email	Contact
Vimalraj V	0	Innovator/Entrepreneur External to Institute	Male	vimalraj_ceg@yahoo.co.in	9790789084

**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	Indo-US science and Technology Foundation	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	06-06-2019
2	ADVANTECH Data Link Solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Seed fund	4	17-08-2019
3	AVOCADO creative solutions	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	11-07-2019
4	Madras MindWorks, Chennai	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	04-06-2019
5	Maxbyte Technologies Private Limited, Coimbatore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	04-06-2019
6	Criotam Technology Private Limited, Bengaluru	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	12-07-2019
7	AIMIL Ltd, Chennai	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring, Networking	1	20-03-2019

8	Hewlett Packard (India) Software Operation Private Limited, Bangalore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	29-03-2019
9	Climate Smart Technologies Pvt Ltd, Coimbatore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	16-04-2019
10	FLUKE Technologies Pvt Ltd, Bangalore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	22-05-2019
11	Boston Creative Company, USA	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	22-05-2019
12	Samsung R & D Institute Inida-Bangalore Private Limited , Bangalore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	11	16-07-2019
13	Cloudera, Bengaluru	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	16-07-2019
14	EMURGO Learning Solutions Pvt Ltd, Chennai	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	0	18-07-2019
15	Avaaco Electrical Systems, Coimbatore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	30-09-2019
16	NAVATAT Solutions (OPC) Private Limited, Bangalore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	10-01-2020
17	Malaysia Automotive Robotics and IoT Institute, Malaysia	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	04-03-2020
18	GES Energy solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	20-02-2020
19	Global Solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	03-01-2020
20	Goyotta Solutions Pvt. Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	01-12-2019

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Tran sferred to Industry/Startup/Socie ty?
1	Distal radius fracture reduction device	IPRFiledPublished	304181	National	2019 - 07	Uploaded	Granted	No
Department/Centre Name								
Biomedical engg								

### 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	BIO SHIELD PANEL FOR ABSORBING RADIATION	201941040130	National	2019 - 10	Uploaded
2	3-AXIS FORCE-TORQUE SENSOR DEVICE	201941025484	National	2019 - 06	Uploaded

3	SYSTEM AND DEVICE FOR CHARGING ONE OR MORE ENERGY STORAGE DEVICES	201941032066	National	2019 - 08	Uploaded
4	SYSTEM AND METHOD FOR PREDICTING A FALL STATE AND A GAITWELLNESS OF A PERSON	201941053600	National	2019 - 12	Uploaded
5	A PORTABLE HYDRO-POWERED REHABILITATION DEVICE	201941016559	National	2019 - 04	Uploaded
6	SYSTEM AND METHOD FOR NOTIFYING AN ARRIVAL OF AN EMERGENCY VEHICLE TO AUTOMOTIVE VEHICLES	201941040131	National	2019 - 10	Uploaded
7	A HYBRID NANOPHOTOCATALYTIC MICROBIAL DYE DEGRADING COMPOSITE	201941029820	National	2019 - 09	Uploaded
8	A WEARABLE NAVIGATION ASSISTANT SYSTEM FOR COGNITIVELY-IMPAIRED INDIVIDUALS	201941047865	National	2019 - 12	Uploaded
9	STRETCHER CONVERTIBLE WHEELCHAIR	201941047213	National	2019 - 12	Uploaded
10	TOOL EQUIPPED WITH A FLOATING MECHANISM FOR DEBURRING A WORK PIECE	201941029510	National	2019 - 07	Uploaded
11	ARTIFICIAL INTELLIGENCE BASED SENSOR SYSTEM FOR ALCOHOL DETECTION, SPEED CONTROL AND PREDICTION	201941026190	National	2019 - 08	Uploaded
12	SYSTEM AND METHOD FOR DETERMINING SAFE SPEED FOR VEHICLES	201841004136	National	2019 - 08	Uploaded
13	AN INTEGRATED SOLAR WATER HEATER WITH MECHANICAL INSULATIONBACKGROUND	201841007747	National	2019 - 09	Uploaded
14	SYSTEM AND METHOD FOR EXTRACTING FEATURES FROM E-COMMERSE PLATFORM	201841010334	National	2019 - 09	Uploaded
15	SENSOR BASED REHABILITATION DEVICE	201841023134	National	2019 - 10	Uploaded
16	SYSTEM AND METHOD FOR MAINTAINING PRESSURE GRADIENT OF A TYRE	201841015666	National	2019 - 11	Uploaded
17	ALUMINIUM NANO-HYBRID COMPOSITE PISTON RINGS FOR DIESEL ENGINES	202041007455	National	2020 - 02	Uploaded

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

No Data Filled!

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

No Data Filled!

## Declaration

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

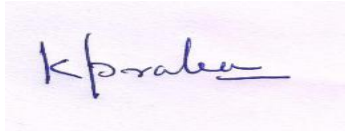
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. K Prakasan (Head of Institute) and Dr. R.Murugan (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



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Dr. K Prakasan  
Head of the Institution,  
Coimbatore, Tamil Nadu

Nodal officer



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Dr. R.Murugan  
Nodal Officer,  
Coimbatore, Tamil Nadu