



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Paavai Engineering College [ARI-C-37000]

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Entrepreneurship awareness program	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Entrepreneurship Development Cell	20-06-2018 00:00:00	20-06-2018 00:00:00	1	Within Campus	200	20	24	5	249	Yes	15000
New approach to Visual Effects	Innovation	Guest Lecture	Student Lead Activity	Computer Science and Engineering	22-06-2018 00:00:00	22-06-2018 00:00:00	1	Within Campus	150	15	20	5	190	Yes	13000
Careers After Engineering	Entrepreneurship/Startup	Seminar	Student Lead Activity	Mechatronics	23-06-2018 00:00:00	23-06-2018 00:00:00	1	Within Campus	120	9	30	3	162	Yes	12000
Discover the Difference in Networking and Data Communication	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	30-06-2018 00:00:00	30-06-2018 00:00:00	1	Within Campus	150	20	15	3	188	Yes	12500
Entrepreneurship Development Program - Be Your Own Boss	Entrepreneurship/Startup	seminar	Institute Lead Activity	Electrical and Electronics Engineering	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	100	12	15	4	131	Yes	10000
Recent Trends in IT	Innovation	Guest Lecture	Institute Lead Activity	Computer Science and Engineering	12-06-2018 00:00:00	12-06-2018 00:00:00	1	Within Campus	200	18	30	6	254	Yes	15000
Interact with entrepreneur	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	13-07-2018 00:00:00	13-07-2018 00:00:00	1	Within Campus	300	25	50	8	383	Yes	18000

## Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Business opportunities in Augmented Reality and Virtual Reality	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Electronics and Communication Engineering	06-08-2018 00:00:00	06-08-2018 00:00:00	1	Within Campus	175	20	20	5	220	Yes	17000
Competition on business plan	Entrepreneurship/Startup, Innovation	Innovation contest	Student Lead Activity	Entrepreneurship Development Cell	24-08-2018 00:00:00	24-08-2018 00:00:00	1	Within Campus	100	0	16	0	116	Yes	12000
Entrepreneurship and innovation	Entrepreneurship/Startup, Innovation	seminar	Institute Lead Activity	Electrical and Electronics Engineering	29-08-2018 00:00:00	29-08-2018 00:00:00	1	Within Campus	80	5	15	2	102	Yes	11000
Solar Energy Conversion Systems	Innovation	Seminar	Student Lead Activity	Mechatronics	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	120	9	30	4	163	Yes	14000
Social Media Privacy Issues and Security Standards	Innovation	Guest Lecture	Student Lead Activity	Computer Science and Engineering	03-09-2018 00:00:00	03-09-2018 00:00:00	1	Within Campus	200	15	30	4	249	Yes	18000
Entrepreneurship Development programme	Entrepreneurship/Startup	Workshop	Student Lead Activity	Information technology	26-09-2018 00:00:00	26-09-2018 00:00:00	1	Within Campus	85	12	24	3	124	Yes	10000
Project Exhibition	Innovation	innovation Contest	Institute Lead Activity	Entrepreneurship Development Cell	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Within Campus	300	0	60	0	360	Yes	22000
Idea Competition	Innovation	Innovation contest	Institute Lead Activity	Entrepreneurship Development Cell	10-10-2018 00:00:00	10-10-2018 00:00:00	1	Within Campus	120	0	45	0	165	Yes	14000
Engineers innovation	Innovation	motivational speak	Student Lead Activity	Information technology	11-09-2018 00:00:00	11-09-2018 00:00:00	1	Within Campus	80	10	0	0	90	No	---
Winding and wiring of induction motor	Entrepreneurship/Startup	workshop	Student Lead Activity	Electrical and Electronics Engineering	28-09-2018 00:00:00	29-09-2018 00:00:00	2	Within Campus	25	2	0	0	27	No	---
Challenges in Charging of Electrical Vehicle for Green Environment	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	20-11-2018 00:00:00	23-11-2018 00:00:00	4	Within Campus	175	30	35	8	248	Yes	47000
Idea Competition	Innovation	Innovation contest	Student Lead Activity	Entrepreneurship Development Cell	10-01-2019 00:00:00	10-01-2019 00:00:00	1	Within Campus	170	0	45	0	215	Yes	16000
Entrepreneur and Business Startup	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Computer Science and Engineering	19-01-2019 00:00:00	19-01-2019 00:00:00	1	Within Campus	200	24	35	6	265	Yes	16000
workshop on Business Startup	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Information technology	19-01-2019 00:00:00	19-01-2019 00:00:00	1	Within Campus	300	25	50	12	387	Yes	22000

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

IoT Application Design Issues and Challenges	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Information technology	24-01-2019 00:00:00	24-01-2019 00:00:00	1	Within Campus	182	11	56	8	257	Yes	16000
Development of composites and nano-composite materials utilizing particles and fibers	Innovation	Seminar	Institute Lead Activity	Mechatronics	24-01-2019 00:00:00	24-01-2019 00:00:00	1	Within Campus	120	9	22	4	155	Yes	13000
Entrepreneur Talk	Entrepreneurship/Startup	Mentoring session	Student Lead Activity	Entrepreneurship Development Cell	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	200	14	35	8	257	Yes	18000
Chip Based Hardware Assembling and Troubleshooting	Innovation	WorkShop	Institute Lead Activity	Computer Science and Engineering	11-02-2019 00:00:00	11-02-2019 00:00:00	1	Within Campus	200	12	40	6	258	Yes	21000
Indo Taiwan Project summit	Innovation	Innovation Contest	Institute Lead Activity	Institute	25-02-2019 00:00:00	26-02-2019 00:00:00	2	Within Campus	250	0	0	0	250	Yes	31000
Technological Advancement and Development for the Safety of Women	IPR	Exposure	Institute Lead Activity	Electronics and Communication Engineering	01-03-2019 00:00:00	02-03-2019 00:00:00	2	Within Campus	160	25	45	6	236	Yes	27000
Entrepreneur Talk	Entrepreneurship/Startup	Mentoring session	Institute Lead Activity	Entrepreneurship Development Cell	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	200	25	45	5	275	Yes	16000
This is your time to Conquer	Entrepreneurship/Startup	Guest Lecture	Institute Lead Activity	Department of civil Engineering	28-06-2018 00:00:00	28-06-2018 00:00:00	1	Within Campus	222	19	0	0	241	Yes	14000

### Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
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**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Role of big data in cyber security	Innovation	Seminar	S.A.Engineering College	Educational Institute	07-02-2019 00:00:00	07-02-2019 00:00:00	1	5	1	6	No	---	---	No	---
Alexa	Innovation	Workshop	Government College of Engineering	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	5	2	7	No	---	---	Yes	3000
Rehacker	Innovation	Workshop	Sona College of Technology	Educational Institute	21-02-2019 00:00:00	21-02-2019 00:00:00	1	5	2	7	No	---	---	No	---
Cyber crime-Information Security and cyber forensics	Innovation	Seminar	Sona College of Technology	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	4	1	5	No	---	---	Yes	1000
Python for machine learning	Innovation	Workshop	Kongu Engineering College	Educational Institute	27-12-2018 00:00:00	28-12-2018 00:00:00	2	3	1	4	No	---	---	Yes	2000
Web and Mobile Technology	Innovation	Internship	Fulgid Software Solutions Pvt Ltd	Corporate / Industry Association	05-01-2019 00:00:00	12-01-2019 00:00:00	8	6	0	6	No	---	---	No	---
Big Data	IPR	Idea Presentation	Sastra Deemed University	Educational Institute	22-02-2019 00:00:00	24-02-2019 00:00:00	3	5	1	6	No	---	---	Yes	3500
Web Development	Innovation	Inplant Training	Code Bind Technology	Corporate / Industry Association	03-12-2018 00:00:00	07-12-2018 00:00:00	5	2	0	2	No	---	---	No	---
Amazon Alexa	Innovation	Workshop	SRM Institute of Science and Technology	Educational Institute	07-02-2019 00:00:00	07-02-2019 00:00:00	1	3	1	4	No	---	---	Yes	4000
Web Designing PHP	Innovation	Internship	Linster Tech Pvt Ltd,Coimbatore	Corporate / Industry Association	03-12-2018 00:00:00	07-12-2018 00:00:00	5	4	1	5	No	---	---	Yes	2500
Android Application Development	Innovation	Inplant Training	Uniq Technologies,Chennai	Corporate / Industry Association	29-11-2018 00:00:00	03-12-2018 00:00:00	5	8	0	8	No	---	---	No	---
Android App	Innovation	Inplant Training	Optimus Technologies Pvt Ltd	Corporate / Industry Association	30-05-2018 00:00:00	08-06-2018 00:00:00	10	3	1	4	No	---	---	Yes	5000
Role of Automation and Control in Industries	Innovation	workshop	Sri Ramakrishna Engineering College	Educational Institute	23-01-2019 00:00:00	25-01-2019 00:00:00	3	6	1	7	No	---	---	Yes	2500
Web Development	Innovation	Inplant Training	Code Bind Technology, Trichy	Corporate / Industry Association	13-06-2018 00:00:00	17-06-2018 00:00:00	5	2	0	2	No	---	---	No	---
Web Development	Innovation	Inplant Training	Code Bind Technology, Chennai	Corporate / Industry Association	11-06-2018 00:00:00	16-06-2018 00:00:00	6	2	0	2	No	---	---	No	---

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Web Development	Innovation	Implant Training	Code Bind Technology, Trichy	Corporate / Industry Association	05-06-2018 00:00:00	09-06-2018 00:00:00	5	6	2	8	No	---	---	Yes	4000
Recent Trends in Blockchain Technology	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	01-03-2019 00:00:00	02-03-2019 00:00:00	2	4	1	5	No	---	---	Yes	2500
Ethical Hacking	Innovation	Workshop	Anna University, Chennai	Educational Institute	26-01-2019 00:00:00	26-01-2019 00:00:00	1	2	0	2	No	---	---	No	---
Cyber Crime, Information Security and Cyber Forensics	Innovation	Workshop	Sona College of Technology, Salem	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	4	1	5	No	---	---	Yes	1000
Deveops Tool	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	08-03-2019 00:00:00	09-03-2019 00:00:00	2	8	2	10	No	---	---	Yes	2500
Android App Development	Innovation	Workshop	Uniq Technologies, Chennai	Corporate / Industry Association	03-12-2018 00:00:00	03-12-2018 00:00:00	1	9	2	11	No	---	---	Yes	6000
Digital Marketing	Innovation	Workshop	Chennai International Youth Fest	Govt. Agency (Central)	10-09-2018 00:00:00	10-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
IoT using ARDUINO-Tools and Techniques for cloud access	Innovation	Workshop	Kongu Engineering College	Educational Institute	19-02-2019 00:00:00	20-02-2019 00:00:00	2	5	1	6	No	---	---	Yes	2000
Arduino in Robotics	Innovation	Workshop	Lansa Informatics Private Limited, Coimbatore	Corporate / Industry Association	31-08-2018 00:00:00	31-08-2018 00:00:00	1	7	1	8	No	---	---	Yes	4000
Applications and Challenges for biometrics technology in IOT Environment	Innovation	Workshop	SRM Institute of Science and Technology, Kattankulathur, Chennai	Corporate / Industry Association	30-08-2018 00:00:00	31-08-2018 00:00:00	2	5	0	5	No	---	---	No	---
Alexa	Innovation	Workshop	Sastra Deemed University	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	4	1	5	No	---	---	Yes	3500
Data Analytics Using Rapid Mining Tool	Innovation	Workshop	The Kavery Engineering College, Salem	Corporate / Industry Association	02-08-2018 00:00:00	02-08-2018 00:00:00	1	5	0	5	No	---	---	No	---
Android	Innovation	Workshop	Code Bind Technology, Trichy	Corporate / Industry Association	13-06-2018 00:00:00	13-06-2018 00:00:00	1	2	0	2	No	---	---	No	---

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Design Challenges in IoT and Machine Learning	Innovation	Workshop	Sri Ramakrishna Institute of Technology	Educational Institute	23-01-2019 00:00:00	24-01-2019 00:00:00	2	5	1	6	No	---	---	Yes	2500
Andriod	Innovation	Workshop	Code Bind Technology, Trichy	Corporate / Industry Association	05-06-2018 00:00:00	05-06-2018 00:00:00	1	5	0	5	No	---	---	No	---
Demand Response Automation Server for Micro Grid	Innovation	Project Exposition	Paavai Engineering College	Educational Institute	25-02-2019 00:00:00	26-02-2019 00:00:00	2	9	0	9	No	---	---	No	---
Network Security Expert	Innovation	Workshop	Sevakans Consultancy Services	Corporate / Industry Association	22-12-2018 00:00:00	22-12-2018 00:00:00	1	5	1	6	No	---	---	Yes	2000
Python for Machine Learning	Innovation	Workshop	Kongu Engineering College	Educational Institute	27-12-2018 00:00:00	28-12-2018 00:00:00	2	4	1	5	No	---	---	Yes	2500
Cyber Security Analytics	Innovation	Workshop	Karpagam College of Engineering, Coimbatore.	Educational Institute	14-03-2019 00:00:00	15-03-2019 00:00:00	2	8	3	11	No	---	---	Yes	5000
Deep Learning using IOT for speech	Innovation	Skill Development	Kongunadu Engineering College	Educational Institute	16-10-2018 00:00:00	17-10-2018 00:00:00	2	15	2	17	No	---	---	Yes	5000
Machine Learning	Innovation	Workshop	Government College of Technology, Coimbatore	Educational Institute	09-03-2019 00:00:00	09-03-2019 00:00:00	1	6	3	9	No	---	---	Yes	2500
Role of Bigdata in cyber security	Innovation	Seminar	S.A.EngineeringCollege	Educational Institute	07-02-2019 00:00:00	07-02-2019 00:00:00	1	5	1	6	No	---	---	Yes	3000
Developing Real time IoT Applications using Raspberry Pi	Innovation	Workshop	Kongu Engineering College	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	8	4	12	No	---	---	Yes	3000
Data Analytics using Python	Innovation	Skill Development	Kongu Engineering College	Educational Institute	01-09-2018 00:00:00	01-09-2018 00:00:00	1	13	2	15	No	---	---	Yes	4000
Data Analytics with R programming	Innovation	Skill Development	Bharathiyar University	Educational Institute	26-09-2018 00:00:00	27-09-2018 00:00:00	2	2	0	2	No	---	---	No	---
Ethical Hacking	Innovation	Workshop	Microsoft Research Community Group, Chennai	Corporate / Industry Association	05-12-2018 00:00:00	05-12-2018 00:00:00	1	5	1	6	No	---	---	Yes	3000

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High Performance Computing	Innovation	Skill Development	SRM Institute of Science and Technology	Educational Institute	24-01-2019 00:00:00	25-01-2019 00:00:00	2	12	2	14	No	---	---	Yes	8000
MACURIUS 19	Innovation	Skill Development	Nandha Engineering College	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Big data	Innovation	Workshop	Code Bind Technologies, Coimbatore	Corporate / Industry Association	07-12-2018 00:00:00	07-12-2018 00:00:00	1	5	1	6	No	---	---	Yes	2000
Android App development	Innovation	Workshop	Uniq Technologies	Corporate / Industry Association	02-12-2018 00:00:00	02-12-2018 00:00:00	1	6	1	7	No	---	---	Yes	2000
Top Management Meeting - EDII-TN	Entrepreneurship/Startup	Mentoring session	Entrepreneurship Development and Innovation Institute, Tamilnadu	Govt. Agency (State)	25-06-2019 00:00:00	25-06-2019 00:00:00	1	0	2	2	No	---	---	No	---
Take off Programme	Entrepreneurship/Startup	Awareness program	Entrepreneurship Development and Innovation Institute, Tamilnadu	Govt. Agency (State)	26-10-2018 00:00:00	26-10-2018 00:00:00	1	2	0	2	No	---	---	No	---
Web development	Innovation	Workshop	Appin Technology Lan	Corporate / Industry Association	27-12-2018 00:00:00	27-12-2018 00:00:00	1	9	2	11	No	---	---	Yes	2500
Start-up Mania 2019	Entrepreneurship/Startup	start-up Conclave	Confederation of Indian Industry	Corporate / Industry Association	20-02-2019 00:00:00	22-02-2019 00:00:00	3	10	2	12	No	---	---	Yes	1000
Android Application Development Workshop	Innovation	Workshop	Suguna College of Engineering	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	6	2	8	No	---	---	Yes	3000
E-Cell Leaders Workshop	Entrepreneurship/Startup	Workshop	Entrepreneurship Development and Innovation Institute, Tamilnadu	Govt. Agency (State)	11-10-2018 00:00:00	12-10-2018 00:00:00	2	5	0	5	No	---	---	No	---
Blockchain Management	Innovation	Workshop	VSB Engineering College	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	5	1	6	No	---	---	Yes	2500
Business Plan Competition	Entrepreneurship/Startup	start-up Conclave	Jansons School of Business	Educational Institute	01-10-2018 00:00:00	01-10-2018 00:00:00	1	4	0	4	No	---	---	No	---
Workshop on Initiatives for budding Entrepreneurs	Entrepreneurship/Startup	Workshop	Mahendra Engineering college, Tamilnadu	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	6	1	7	No	---	---	No	---

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Spirit of Entrepreneurship	Entrepreneurship/Startup	Orientation Session	Gnanamani College of Technology	Educational Institute	23-08-2018 00:00:00	24-08-2018 00:00:00	2	12	2	14	No	---	---	No	---
How to become a Successful Entrepreneur	Entrepreneurship/Startup	Awareness program	Selvam College of Technology, Tamilnadu	Educational Institute	14-09-2018 00:00:00	14-09-2018 00:00:00	1	8	0	8	No	---	---	No	---
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness program	Entrepreneurship Development and Innovation Institute, Tamilnadu	Govt. Agency (State)	12-10-2018 00:00:00	12-10-2018 00:00:00	1	12	0	12	No	---	---	No	---
Network Security Expert	Innovation	workshop	Sevakans Consultancy Services	Corporate / Industry Association	22-12-2018 00:00:00	22-12-2018 00:00:00	1	3	0	3	No	---	---	No	---
Ethical Hacking	Innovation	Workshop	Microsoft Research Community Group	Corporate / Industry Association	05-12-2018 00:00:00	05-12-2018 00:00:00	1	1	0	1	No	---	---	No	---
Future Innovations of IOT	Innovation	Workshop	Powered Technology Proxima Namakkal	Corporate / Industry Association	23-06-2018 00:00:00	25-06-2018 00:00:00	3	1	0	1	No	---	---	No	---
Workshop-Block Chain Management	Innovation	Workshop	VSB Engineering college	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	3	0	3	No	---	---	No	---
Entrepreneurship Development Program	Entrepreneurship/Startup	Training	Paavai Engineering College	Educational Institute	17-08-2018 00:00:00	17-08-2018 00:00:00	1	6	0	6	No	---	---	No	---
Workshop - Robotics	Innovation	Workshop	NIT Trichy	Educational Institute	15-02-2019 00:00:00	16-02-2019 00:00:00	2	1	0	1	No	---	---	No	---
Workshop Graphics and Multimedia Design	Innovation	Workshop	Karpagam college of Engineering	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Workshop-Advancement in Dynamic Drive control and Engine Management System	Innovation	Workshop	Government College of Technology coimbatore	Educational Institute	02-03-2019 00:00:00	02-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
Workshop-Articulated Robot	Innovation	Workshop	Madras Institute of Technology	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Workshop-Python for Absolute Beginners	Innovation	Workshop	Kogu Engineering College	Educational Institute	10-08-2018 00:00:00	10-08-2018 00:00:00	1	2	0	2	No	---	---	No	---



**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Practical Dismantling and Assembly Workshop on IC Engine	Innovation	Workshop	TOP Engineers	Corporate / Industry Association	25-09-2018 00:00:00	25-09-2018 00:00:00	1	9	2	11	No	---	---	Yes	4000
Green concrete	Entrepreneurship/Startup	seminar	NSN college of Engineering and Technology	Educational Institute	22-02-2019 00:00:00	22-02-2019 00:00:00	1	5	0	5	No	---	---	No	---
Waste management	Entrepreneurship/Startup	seminar	K.S.R Engineering College	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	4	0	4	No	---	---	No	---
Prefabricated Structures	Entrepreneurship/Startup	workshop	AI-Amen Engineering College, Erode	Educational Institute	13-03-2019 00:00:00	13-03-2019 00:00:00	1	6	0	6	No	---	---	No	---
Advanced Sewage Treatment Plant	Entrepreneurship/Startup	Workshop	Dhirajlal Gandhi College of Technology, Salem	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Feature Extraction of Organs from MR Images for Detection and Classification of Brain Tumors	IPR	Seminar	Cheran College of Engineering	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	10	5	15	No	---	---	Yes	4000
MEMS Technology	IPR	workshop	Kongunadu College of Engineering and Technology	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	6	3	9	No	---	---	Yes	3000
Sensitization on Intellectual Property Rights for Professional Innovators in ICTE	IPR	workshop	Selvam College of Technology	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	0	9	9	No	---	---	Yes	1500
innovation Contest	Innovation	contest	SCSVMV,Kancheepuram	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	5	0	5	No	---	---	No	---
Bio Sensor in Agriculture	Innovation	Paper Presentation	Govt.College of Technology, Coimbatore	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
IoT Based Agriculture	Innovation	Paper Presentation	KSR College Of Engineering	Educational Institute	27-02-2019 00:00:00	27-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Mobile Robotics	IPR	Workshop	Govt.College of Engineering	Educational Institute	21-02-2019 00:00:00	21-02-2019 00:00:00	1	4	0	4	No	---	---	No	---

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

IoT based Smart Energy Systems	Innovation	Workshop	Kongunadu College of Engineering and Technology	Educational Institute	15-01-2019 00:00:00	15-01-2019 00:00:00	1	1	0	1	No	---	---	No	---
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**Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19**

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Entrepreneurship development	Entrepreneurship/Startup	EDP	Short Term Certificate Course	01-01-2019 00:00:00	30-03-2019 00:00:00	89	Offline	25	25	36

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge		Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?	
Electrical Pre-incubation centre	Pre-Incubation Centre	2012	Department of EEE, Paavai Engineering College	Facility Incharge Name	Dr.A.Rathinam	1200 Sq. Ft.	Yes		No
				Facility Incharge Email	rathinama ngamuthu pec@paavai.edu.in		Annual Capital Expenditure (In Rupees)	70000	
				Facility Incharge Phone	9942228851		Annual Operational Expenditure (In Rupees)	20000	
Industry Integrated Centre for FEM	Centre of Excellence with Advance Tools & Equipment	2017	Paavai Engineering College	Facility Incharge Name	DR.M.Pre mkumar	1800 Sq. Ft.	Yes		No
				Facility Incharge Email	pecprincipal@paavai.edu.in		Annual Capital Expenditure (In Rupees)	1940000	
				Facility Incharge Phone	9965466888		Annual Operational Expenditure (In Rupees)	50000	
Paavai Harita Techserv	Centre of Excellence with Advance Tools & Equipment	2016	Paavai Engineering College	Facility Incharge Name	Mr.Ramachandra Prabu	2000 Sq. Ft.	Yes		No
				Facility Incharge Email	ramachandarp@paavai.edu.in		Annual Capital Expenditure (In Rupees)	200000	
				Facility Incharge Phone	9688189182		Annual Operational Expenditure (In Rupees)	10000	

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

Micro Controller and PLC Lab	Pre-Incubation Centre	2013	Paavai Engineering College, Namakkal	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>C.Vibin Stalin</div> <div>stalinjose 173@gmail.com</div> <div>8220963091</div>	1400 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>470000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>20000</div> </div>	<div>Yes</div> <div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> <div>0</div> </div> <div> <div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> <div>0</div> </div> <div> <div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div> <div>0</div> </div>
Chemical pre incubation centre	Pre-Incubation Centre	2018	Paavai Engineering College	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Mr.Srinivasan</div> <div>pecchemicalhod@paavai.edu.in</div> <div>9788269888</div>	1000 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>25000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>5000</div> </div>	No
MSME incubation centre	Incubation Unit	2017	Paavai Engineering College	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Dr.K.sundaramurthy</div> <div>edcpec@paavai.edu.in</div> <div>7904991163</div>	5000 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>100000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>10000</div> </div>	No
IoT Incubation center	Centre of Excellence with Advance Tools & Equipment	2018	Paavai Engineering College	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>B venkatesan</div> <div>pecithod@paavai.edu.in</div> <div>9942971688</div>	800 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>50000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>10000</div> </div>	No

### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Texas Instruments incubation centre	Incubation Unit	2015	Paavai Engineering College	<div>Facility Incharge Name</div> <div>Mrs.M.Sudha</div>	800 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>50000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>5000</div> </div>	No
paavai soft innovation centre	Incubation Unit	2018	Paavai Engineering college	<div>Facility Incharge Name</div> <div>Dr.K.Selvi</div>	35000 Sq. Ft.	<div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>200000</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>10000</div> </div>	No
				<div>Facility Incharge Email</div> <div>pececeho d@paavai.edu.in</div>			
				<div>Facility Incharge Phone</div> <div>9965543188</div>			

### Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Electrical Pre-incubation centre	Institute's Own Fund / Resource	---	---	Yes	300000
Industry Integrated Centre for FEM	Funding Agency	Royal Academy United Kingdom	International Agencies	Yes	5340000
Paavai Harita Techserv	Institute's Own Fund / Resource	---	---	Yes	2500000
Chemical pre incubation centre	Institute's Own Fund / Resource	---	---	Yes	200000
IoT Incubation center	Institute's Own Fund / Resource	---	---	Yes	250000
Paavai Harita Techserv	Funding Agency	TVS Haritha Techserv	Corporate / Industry Association	Yes	1000000
Texas Instruments incubation centre	Funding Agency	Texas Instruments	Corporate / Industry Association	Yes	200000
paavai soft innovation centre	Institute's Own Fund / Resource	---	---	Yes	1000000
MSME incubation centre	Institute's Own Fund / Resource	---	---	Yes	250000
Micro Controller and PLC Lab	Institute's Own Fund / Resource	---	---	Yes	200000

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?										
Temperature controlled immersion water heater	Electrical Pre-incubation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No										
<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>A.Pon Lucina</td> <td>Student</td> <td>Female</td> <td>rathinamangamuthupec@paavai.edu.in</td> <td>9942228851</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	A.Pon Lucina	Student	Female	rathinamangamuthupec@paavai.edu.in	9942228851
Name	Type	Gender	Email	Contact																
A.Pon Lucina	Student	Female	rathinamangamuthupec@paavai.edu.in	9942228851																
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Name	Type	Gender	Email	Contact																
Dr.A.Rathinam	Faculty	Male	rathinamangamuthupec@paavai.edu.in	9942228851																
Finger print door lock using Arduino	Electrical Pre-incubation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>12000</div>	No	No										

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	V.Madhumitha			Student		Female		rathinamangamuthupec@paavai.edu.in		9942228851
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Dr.A.Rathinam			Faculty		-		rathinamangamuthupec@paavai.edu.in		9942228851
Wash basin mirror light controller	Electrical Pre-incubation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	R.Ajith Kumar			Student		Male		deivamaniganesanpec@paavai.edu.in		9894828329
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	G.Deivamani			Faculty		Male		deivamaniganesanpec@paavai.edu.in		9894828329

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?										
Medicine indicator box	Electrical Pre-incubation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes	No	No										
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)												
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Name	Type	Gender	Email	Contact																
Kavin.V	Student	Male	thirunavuspt5@gmail.com	9790079420																
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Name	Type	Gender	Email	Contact																
S.Thirunavukarasar	Faculty	Male	thirunavuspt5@gmail.com	9790079420																
Temperature controlled electric fan	Electrical Pre-incubation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes	No	No										
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)												
								12000												

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Design and Fabrication of 360 Degree Rotating Vehicle	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>N.Anand</td> <td>Student</td> <td>Male</td> <td>rajamanickampec@paavai.edu.in</td> <td>9791589777</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	N.Anand	Student	Male	rajamanickampec@paavai.edu.in	9791589777
	Name	Type	Gender	Email	Contact															
	N.Anand	Student	Male	rajamanickampec@paavai.edu.in	9791589777															
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	Name	Type	Gender	Email	Contact															
	-	-	-	rajamanickampec@paavai.edu.in	9791589777															
	Paavai Harita Techserv	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No										
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	Name	Type	Gender	Email	Contact															
	Samsudeen.A	Student	Male	mecpugal@gmail.com	9894311318															
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Name	Type	Gender	Email	Contact																
Mr.P.Pugalendhi	Faculty	Male	mecpugal@gmail.com	9894311318																



**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

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Design and development of Six-Legged Walking Robot	Paavai Harita Techserv	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No									
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)											
								15000											
								Principal Innovator											
								Name			Type	Gender	Email	Contact					
B.Vigneshwaran				Student	Male	karthikeyanvelan@gmail.com	9842766305												
Design and Fabrication of Rope Car	Paavai Harita Techserv	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No									
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)											
								15000											
								Co-Innovator											
								Name			Type	Gender	Email	Contact					
S.Karthikeyan				Faculty	Male	karthikeyanvelan@gmail.com	9842766305												

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	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	A.Kesavasvelan			Student		Male		sujithraja@gmail.com		8220882295
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Mr.Sujith			Faculty		Male		sujithraja@gmail.com		8220882295
BANANA STEM INTO PAPER	Chemical pre incubation centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	Sathiya			Faculty		Female		pecchemicalhod@paavai.edu.in		9788269888
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Mr.Srinivasan			Faculty		Male		pecchemicalhod@paavai.edu.in		9788269888

## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?	
NFC based safety and secure vehicle movement system	Texas Instruments incubation centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No	
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
								10000			
	<b>Principal Innovator</b>										
	Name				Type		Gender		Email		Contact
	M.Mouli				Student		Male		loganathansrinivasan2012pec@paavai.edu.in		9843425312
	<b>Co-Innovator</b>										
	Name				Type		Gender		Email		Contact
	S.loganathan				Faculty		Male		loganathansrinivasan2012pec@paavai.edu.in		9843425312
Cleaning dust in sea water	Texas Instruments incubation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No	
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
								10000			

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	Name	Type	Gender	Email	Contact															
	S.Vijayakumar	Faculty	Male	vijayakumarsadaiyanpec@paavai.edu.in	9486574314															
	Automatic flaws detection in railroad using LED, LDR and GSM system	Texas Instruments incubation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No									
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Real time passenger data by using GPS with finger print and IR sensor	Texas Instruments incubation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No											
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								12000													
								Principal Innovator													
								<table><thead><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr></thead><tbody><tr><td colspan="2">S.Madan kumar</td><td>Student</td><td>Male</td><td>parthasarathipadmanaban@gmail.com</td><td>9514442484</td></tr></tbody></table>										Name		Type	Gender
Name		Type	Gender	Email	Contact																
S.Madan kumar		Student	Male	parthasarathipadmanaban@gmail.com	9514442484																
Co-Innovator																					
<table><thead><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr></thead><tbody><tr><td colspan="2">A.Kumaravel</td><td>Faculty</td><td>Male</td><td>kumaravelamaravelpec@paavai.edu.in</td><td>9894489801</td></tr></tbody></table>										Name		Type	Gender	Email	Contact	A.Kumaravel		Faculty	Male	kumaravelamaravelpec@paavai.edu.in	9894489801
Name		Type	Gender	Email	Contact																
A.Kumaravel		Faculty	Male	kumaravelamaravelpec@paavai.edu.in	9894489801																
FACE DETECTION USING MACHINE LEARNING WITH PYTHON	paavai soft innovation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No											
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	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	DHANISKUMAR.S			Student		Male		dhaniskumars@gmail.com		9865125123
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	DR.Banumathy			Faculty		Female		banumathydhanabalanpec@paavai.edu.in		8903665525
IMAGE VISUALIZATION USING AUGMENTED REALITY	paavai soft innovation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>12000</div>	No	No
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	SURYAA.E			Student		Male		suryassmart3107@gmail.com		9843151133
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	M.Revathi			Faculty		Female		revathimohanpec@paavai.edu.in		8838970703

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

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ARDUNIO VOICE CONTROL SMART CAR	paavai soft innovation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>15000</div>	No	No										
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Name	Type	Gender	Email	Contact																
P.Santhiya	Faculty	Female	santhiyaashokpec@paavai.edu.in	9629896226																
Automatic gasoline filing	paavai soft innovation centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>15000</div>	No	No										

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	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	I.Lokeshwarman			Student		Male		peccsehod@paavai.edu.in		9842325188
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Dr.A.Suphalakshmi			Faculty		Female		peccsehod@paavai.edu.in		9842325188
visual product identification for blind people	paavai soft innovation centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>12000</div>	No	No
	<b>Principal Innovator</b>									
	Name			Type		Gender		Email		Contact
	K.Reavanth kumar			Student		Male		peccsehod@paavai.edu.in		9842325188
	<b>Co-Innovator</b>									
	Name			Type		Gender		Email		Contact
	Dr.A.Suphalakshmi			Faculty		Female		peccsehod@paavai.edu.in		9842325188



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Alcohol and health monitoring system lol	IoT Incubation center	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No																				
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Rajesh S	Faculty	Male	rejeshsantharampec@paavai.edu.in	9444492904																										
Android class management application	IoT Incubation center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10000</div>	No	No																				

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smart cart with automatic billing for shopping	<b>Principal Innovator</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Prabhakaran P</td> <td>Student</td> <td>Male</td> <td>ragusri37@gmail.com</td> <td>9688337726</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Prabhakaran P	Student	Male	ragusri37@gmail.com	9688337726
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	Name	Type	Gender	Email	Contact															
	B Deepa	Faculty	Female	depakathir91@gmail.com	9994025811															
	IoT Incubation center	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>12000</div>	No	No										
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Name	Type	Gender	Email	Contact																
Kavitha	Faculty	Female	tkavi8323@gmail.com	9790534055																

## Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data Filled!

## Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	Prabha Engineers Chennai	Mentoring	3	14-11-2016
Incubation Services/Support Received from Other Institute/Incubator	VI Microsystems Chennai	Mentoring	2	15-02-2017
Incubation Services/Support Received from Other Institute/Incubator	Remotech Engineers Limited Chennai	Mentoring	3	21-04-2017
Incubation Services/Support Received from Other Institute/Incubator	Harita Techserve Chennai	Mentoring,Investment	5	23-08-2017
Incubation Services/Support Received from Other Institute/Incubator	Spoorti Machine Tools Pvt Ltd	Mentoring	3	15-06-2017
Incubation Services/Support Received from Other Institute/Incubator	VKT Ginning Mills	Mentoring	2	12-04-2018
Incubation Services/Support Received from Other Institute/Incubator	Aerospace Engineers Pvt Ltd Salem	Mentoring	3	02-05-2017
Incubation Services/Support Received from Other Institute/Incubator	MTAB Technology center Pvt Ltd Chennai	Pre-incubation	10	17-12-2014
Incubation Services/Support Received from Other Institute/Incubator	Sans innovations	Mentoring,Networking	5	02-01-2015
Incubation Services/Support Received from Other Institute/Incubator	Oracle academy	Mentoring,Investment	3	12-05-2017

## Technology Commercialization / Transfer

**No Data Filled!**

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