



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: Panimalar Engineering College [ARI-C-16620]

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)
Motivational Talk on Accenture Innovative Challenges	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	01-08-2018 00:00:00	01-08-2018 00:00:00	1	Within Campus	321	0	0	0	321	No	---
Workshop on Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Computer Science and Engineering	14-12-2018 00:00:00	14-12-2018 00:00:00	1	Within Campus	57	0	0	0	57	Yes	3198
Workshop On IPR	IPR	Workshop	Institute Lead Activity	Computer Science and Engineering	10-01-2019 00:00:00	10-01-2019 00:00:00	1	Within Campus	374	0	0	0	374	Yes	7223
Short Term Training Program on Problem Based Learning	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	11-02-2019 00:00:00	15-02-2019 00:00:00	5	Within Campus	40	0	0	0	40	Yes	17000
Ideathon	Innovation	Competition	Institute Lead Activity	Computer Science and Engineering	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	1592	0	0	0	1592	No	---
Workshop on Artificial Intelligence	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	06-05-2019 00:00:00	10-05-2019 00:00:00	5	Within Campus	58	0	0	0	58	Yes	24650
Seminar on Design thinking and Road Map to Innovation	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	28-11-2018 00:00:00	28-11-2018 00:00:00	1	Within Campus	85	0	0	0	85	Yes	10200
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Motivational Speak	Institute Lead Activity	Computer Science and Engineering	16-11-2018 00:00:00	19-11-2018 00:00:00	4	Within Campus	134	0	0	0	134	Yes	53210

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

Motivational Speech on Entrepreneurship	Entrepreneurship/Startup	Motivational Speak	Institute Lead Activity	Computer Science and Engineering	16-08-2018 00:00:00	16-08-2018 00:00:00	1	Within Campus	120	0	0	0	120	Yes	5000
Webinar on India First Leadership Talk Series	Entrepreneurship/Startup	Motivational Speak	Institute Lead Activity	Computer Science and Engineering	08-01-2019 00:00:00	08-01-2019 00:00:00	1	Within Campus	1200	0	0	0	1200	No	---
Workshop on Introduction to Network Security	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	24-06-2019 00:00:00	28-06-2019 00:00:00	5	Within Campus	47	0	0	0	47	Yes	19975
CODE FIT Standard and Custom Module	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Electronics and Communication Engineering	10-05-2018 00:00:00	24-05-2018 00:00:00	15	Within Campus	103	2	0	0	105	Yes	300000
Workshop on Adriano	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	21-05-2018 00:00:00	25-05-2018 00:00:00	5	Within Campus	50	2	0	0	52	Yes	50000
Workshop on Embedded system	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	21-05-2018 00:00:00	23-05-2018 00:00:00	3	Within Campus	60	2	0	0	62	Yes	54000
Training on Cell Phone Servicing	Entrepreneurship/Startup	skill Development	Student Lead Activity	Electronics and Communication Engineering	16-11-2018 00:00:00	17-11-2018 00:00:00	2	Within Campus	188	6	0	0	194	Yes	75200
PCB design using KICAD	Entrepreneurship/Startup	skill Development	Institute Lead Activity	Electronics and Communication Engineering	23-11-2018 00:00:00	28-11-2018 00:00:00	6	Within Campus	71	2	0	0	73	Yes	71000
PCB design using KICAD	Entrepreneurship/Startup	skill Development	Institute Lead Activity	Electronics and Communication Engineering	26-11-2018 00:00:00	30-11-2018 00:00:00	5	Within Campus	71	2	0	0	73	Yes	71000
Industrial IOT	Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	30-11-2018 00:00:00	06-12-2018 00:00:00	7	Within Campus	60	2	0	0	62	Yes	60000
Training on Cell Phone Servicing	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Electronics and Communication Engineering	14-12-2018 00:00:00	15-12-2018 00:00:00	2	Within Campus	62	2	0	0	64	Yes	24800
Project Demo Contest	Innovation	Innovation Contest	Student Lead Activity	M.E Computer Science and Engineering	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	30	20	25	5	80	Yes	5000

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

International conference for phonixes on Emerging Current Trends in Engineering and Management	Innovation	Conference	Institute Lead Activity	M.E - Computer Science and Engineering	22-03-2019 00:00:00	23-03-2019 00:00:00	2	Within Campus	180	20	201	100	501	Yes	380811
ARUDUROBOTICS	Innovation	WORKSHOP	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	28-06-2018 00:00:00	29-06-2018 00:00:00	2	Within Campus	62	0	0	0	62	Yes	62000
MACHINE LEARNING	Innovation	WORKSHOP	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	26-06-2018 00:00:00	27-06-2018 00:00:00	2	Within Campus	38	0	0	0	38	Yes	38000
INSTRUMENTATION AND AUTOMATION	Innovation	Guest Lecture	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	27-07-2018 00:00:00	27-07-2018 00:00:00	1	Within Campus	102	0	0	0	102	Yes	3000
CARRER OPPURTUNITIES FOR INSTRUMENTATION ENGINEERS IN BIO-MEDICAL ENGINEERING	Innovation	GUEST LECTURE	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	30-07-2018 00:00:00	30-07-2018 00:00:00	1	Within Campus	220	0	0	0	220	Yes	5000
PATENT FILLING	Innovation	AWARNNESS	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	07-12-2018 00:00:00	07-12-2018 00:00:00	1	Within Campus	3	0	0	0	3	Yes	6150
PATENT FILLING	Innovation	AWARNNESS	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	30-11-2018 00:00:00	30-11-2018 00:00:00	1	Within Campus	3	0	0	0	3	Yes	6150
BASIC ELECTRONICS DEVICES AND CIRCUIT DEBUGGING	Innovation	WORKSHOP	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	16-11-2018 00:00:00	19-11-2018 00:00:00	4	Within Campus	53	0	0	0	53	Yes	53000
PLACEMENT TRENDS	Innovation	MOTIVATIONAL TALK	Institute Lead Activity	ELECTRONICS AND INSTRUMENTATION ENGINEERING	09-01-2019 00:00:00	09-01-2019 00:00:00	1	Within Campus	65	0	0	0	65	Yes	2000

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

Engine assembly and disassembly	Entrepreneurship/Startup	workshop	Institute Lead Activity	Mechanical Engineering	28-06-2018 00:00:00	29-06-2018 00:00:00	2	Within Campus	76	0	0	0	76	Yes	44400
Aircraft design	Innovation	workshop	Institute Lead Activity	Mechanical Engineering	17-12-2018 00:00:00	18-12-2018 00:00:00	2	Within Campus	14	0	7	0	21	Yes	17600
Internet of Things	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	25-06-2018 00:00:00	27-06-2018 00:00:00	3	Within Campus	74	0	0	0	74	Yes	75000
Non Destructive Testing	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	17-12-2018 00:00:00	18-12-2018 00:00:00	2	Within Campus	18	0	0	0	18	Yes	11400
Robotics	Innovation	workshop	Institute Lead Activity	Mechanical Engineering	17-12-2018 00:00:00	18-12-2018 00:00:00	2	Within Campus	22	0	5	0	27	Yes	22000
Hands on Training - Solar Panel Installation	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering	14-05-2018 00:00:00	15-05-2018 00:00:00	2	Within Campus	50	0	0	0	50	Yes	25000
Workshop on PLC-SCADA	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	17-05-2018 00:00:00	18-05-2018 00:00:00	2	Within Campus	17	0	0	0	17	Yes	8500
Workshop on Internet of Things	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	24-05-2018 00:00:00	25-05-2018 00:00:00	2	Within Campus	29	0	0	0	29	Yes	11600
Project Expo	Innovation	Demo day	Institute Lead Activity	Electrical and Electronics Engineering	09-11-2018 00:00:00	09-11-2018 00:00:00	1	Within Campus	150	0	0	0	150	Yes	5000
Workshop on IoT and Raspberri Pi	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	16-11-2018 00:00:00	17-11-2018 00:00:00	2	Within Campus	39	0	0	0	39	Yes	15600
Workshop on Java Programming	Entrepreneurship/Startup	Training	Student Lead Activity	Information Technology	18-08-2018 00:00:00	21-08-2018 00:00:00	4	Within Campus	40	0	0	0	40	Yes	20000
Workshop on Python Programming	Entrepreneurship/Startup	Training	Student Lead Activity	Information Technology	18-08-2018 00:00:00	21-08-2018 00:00:00	4	Within Campus	48	0	0	0	48	Yes	24000
Workshop on IOT	Entrepreneurship/Startup	Training	Student Lead Activity	Information Technology	16-11-2018 00:00:00	20-11-2018 00:00:00	5	Within Campus	17	0	0	0	17	Yes	8500
Project Expo 2019	Innovation	Exhibition	Student Lead Activity	Information Technology	20-02-2019 00:00:00	20-02-2019 00:00:00	1	Within Campus	122	0	0	0	122	Yes	6200
Short term Training program on Data Science Using R	Innovation	Training	Institute Lead Activity	Information Technology	26-11-2018 00:00:00	30-11-2018 00:00:00	5	Within Campus	0	28	0	0	28	No	---

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

Short term Training program on Next Generation Wireless Networks	Innovation	Training	Institute Lead Activity	Information Technology	29-04-2019 00:00:00	03-05-2019 00:00:00	5	Within Campus	0	32	0	0	32	No	---
Short term Training program on Cloud, Fog and Edge Computing	Innovation	Training	Institute Lead Activity	Information Technology	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Within Campus	0	34	0	0	34	No	---
code pursuit	Innovation	Innovation Contest	Student Lead Activity	Information Technology	10-10-2018 00:00:00	10-10-2018 00:00:00	1	Within Campus	168	0	0	0	168	No	---
Tech talk	Innovation	Innovation Contest	Student Lead Activity	Information Technology	24-08-2018 00:00:00	24-08-2018 00:00:00	1	Within Campus	168	0	0	0	168	No	---
Sell me a pen	Entrepreneurship/Startup	Innovation Contest	Student Lead Activity	Information Technology	11-08-2018 00:00:00	11-08-2018 00:00:00	1	Within Campus	168	0	0	0	168	No	---
Supreme Lawyer	Entrepreneurship/Startup	Innovation Contest	Student Lead Activity	Information Technology	12-08-2018 00:00:00	12-08-2018 00:00:00	1	Within Campus	168	0	0	0	168	No	---
Motivational Speech on Entrepreneurship	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Information Technology	16-08-2018 00:00:00	16-08-2018 00:00:00	1	Within Campus	120	0	0	0	120	No	---
Skill development cell Activities Website Development	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Information Technology	04-03-2019 00:00:00	13-03-2019 00:00:00	10	Within Campus	6	0	0	0	6	No	---
Webinar on India's First Leadership Talk Series	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Information Technology	08-01-2019 00:00:00	08-01-2019 00:00:00	1	Within Campus	540	32	0	0	572	No	---
IEEE XTREME 12.0	Innovation	Innovation Contest	Institute Lead Activity	Information Technology	19-10-2018 00:00:00	20-10-2018 00:00:00	2	Within Campus	34	0	0	0	34	No	---
Career Thought Leaders	Entrepreneurship/Startup	Training	Institute Lead Activity	Information Technology	27-07-2018 00:00:00	27-07-2018 00:00:00	1	Within Campus	168	0	0	0	168	Yes	10000
Revit software training	Entrepreneurship/Startup	Training	Student Lead Activity	Civil Engineering	18-07-2018 00:00:00	07-09-2018 00:00:00	52	Within Campus	71	0	0	0	71	Yes	255600
Applied Hydraulic Engineering	Entrepreneurship/Startup	Training	Institute Lead Activity	Civil Engineering	12-11-2018 00:00:00	26-11-2018 00:00:00	15	Within Campus	0	19	0	5	24	Yes	25000
Orientation Program on Technical Education	Entrepreneurship/Startup	Orientation Session	Student Lead Activity	Civil Engineering	26-08-2018 00:00:00	26-08-2018 00:00:00	1	Within Campus	110	0	0	0	110	No	---
Career Thought Leaders	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Information Technology	27-07-2018 00:00:00	27-07-2018 00:00:00	1	Within Campus	168	0	0	0	168	Yes	10000

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

Amazon Web Services	Innovation	Skill development	Institute Lead Activity	Information Technology	14-08-2018 00:00:00	14-08-2018 00:00:00	1	Within Campus	168	0	0	0	168	Yes	3000
Global Internet and Multicast	Innovation	Skill development	Institute Lead Activity	Information Technology	30-08-2018 00:00:00	30-08-2018 00:00:00	1	Within Campus	179	0	0	0	179	Yes	4500
Scaled Agile Framework	Innovation	Skill development	Institute Lead Activity	Information Technology	20-03-2019 00:00:00	20-03-2019 00:00:00	1	Within Campus	178	0	0	0	178	Yes	4500
Secure Digital Currency Bitcoin	Innovation	Skill development	Institute Lead Activity	Information Technology	25-03-2019 00:00:00	25-03-2019 00:00:00	1	Within Campus	172	0	0	0	172	Yes	4500
Platform as a Service through E Box	Innovation	Skill development	Institute Lead Activity	Information Technology	23-04-2019 00:00:00	23-04-2019 00:00:00	1	Within Campus	166	0	0	0	166	Yes	4500
Workshop on open source technology and industry adaptation	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	29-06-2018 00:00:00	29-06-2018 00:00:00	1	Within Campus	0	40	0	0	40	No	---
Ceo conference on block chain and IoT	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Computer Science and Engineering	12-07-2018 00:00:00	12-07-2018 00:00:00	1	Within Campus	20	0	0	0	20	No	---
Workshop on Cognitive Skills, Design Thinking and Critical Thinking	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	28-11-2018 00:00:00	28-11-2018 00:00:00	1	Within Campus	50	0	0	0	50	Yes	5000
Workshop on IoT	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	16-11-2018 00:00:00	20-11-2018 00:00:00	5	Within Campus	31	0	0	0	31	No	---
National Finite Element Developers Users Meet 2018	Innovation	Conference	Institute Lead Activity	Mechanical Engineering , Civil Engineering	14-12-2018 00:00:00	14-12-2018 00:00:00	1	Within Campus	400	150	250	175	975	Yes	194397.5

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

Smart India Hackathon	Innovation	Hackathon	MHRD, Banaras Hindu University, Varanasi.	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	Winner	Advanced Traffic Congestion Management Using Prioritized Queuing and Navigation System Along With Pothole Detection Using Machine Learning	Yes	28000
Project Development	Innovation	Competition	Tamil Nadu State Council for Science and Technology	Govt. Agency (State)	01-01-2019 00:00:00	01-01-2019 00:00:00	1	3	1	4	Yes	Recognition	Eve Teasing Threatener	No	---
IoT with Cloud computing	Innovation	Workshop	CODE BIND Technologies	Corporate / Industry Association	21-05-2018 00:00:00	23-05-2018 00:00:00	3	28	0	28	No	---	---	Yes	28000
BSNL Certified IPV6 Course	Innovation	Awareness	RGMTTC-BSNL	Govt. Agency (Central)	04-06-2018 00:00:00	08-06-2018 00:00:00	5	5	0	5	No	---	---	Yes	7296
Microcontroller and its applications	Entrepreneurship/Startup	Skill Development	TVS- Training and Services	Corporate / Industry Association	11-06-2018 00:00:00	15-06-2018 00:00:00	5	38	0	38	No	---	---	Yes	123500
Embedded systems	Innovation	Workshop	CODE BIND Technologies	Corporate / Industry Association	31-05-2018 00:00:00	02-06-2018 00:00:00	3	44	0	44	No	---	---	Yes	44000
Inplant training on Telecom system	Entrepreneurship/Startup	Skill Development	RGMTTC-BSNL	Govt. Agency (Central)	31-05-2018 00:00:00	02-06-2018 00:00:00	3	56	0	56	No	---	---	Yes	75040
PIC Microcontroller	Innovation	Training	TVS- Training and Services	Corporate / Industry Association	03-12-2018 00:00:00	07-12-2018 00:00:00	5	30	0	30	No	---	---	Yes	105000
Networking	Innovation	Skill Development	Mer Pedagogy	Corporate / Industry Association	03-12-2018 00:00:00	08-01-2019 00:00:00	37	50	0	50	No	---	---	No	---
International conference on smart structures and systems (ICSSS 2018)	Innovation	Conference	Saveetha Engineering Collge	Educational Institute	16-10-2018 00:00:00	16-10-2018 00:00:00	1	2	0	2	No	---	---	No	---
International conference on communication and electronics systems (ICCES 2018)	Innovation	Conference	PPG Institute of technology	Educational Institute	15-10-2018 00:00:00	16-10-2018 00:00:00	2	3	0	3	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

Antenna Design for Next Generation wireless communication system	Innovation	Internship	Tesla Minds	Corporate / Industry Association	03-03-2019 00:00:00	29-03-2019 00:00:00	27	7	0	7	No	---	---	No	---
International Conference on Innovative Technologies in Electronics, Information and Communication (INTELIN18)	Innovation	Conference	Annamalai University, Chidambaram	Educational Institute	12-10-2018 00:00:00	13-10-2018 00:00:00	2	2	0	2	No	---	---	No	---
International Conference on Innovations in Engineering, Technology and Sciences (ICIETS 2018)	Innovation	Conference	NIE Institute Of Technology	Educational Institute	20-09-2018 00:00:00	21-09-2018 00:00:00	2	3	0	3	No	---	---	No	---
International Conference on New Trends in Engineering and Technology (ICNTET 2018)	Innovation	Conference	GRT Institute Of Engineering And Technology, Chennai-Tirupathi Highway Near Tiruttani	Educational Institute	07-09-2018 00:00:00	08-09-2018 00:00:00	2	3	0	3	No	---	---	No	---
9th Conference on Innovation in Bio-Inspired Computing and Applications (IBICA 2018)	Innovation	Conference	Toc H Institute of science and Technology, Kochi	Educational Institute	17-12-2018 00:00:00	19-12-2018 00:00:00	3	1	0	1	No	---	---	No	---
International Conference on Intelligent Computing and Sustainable System (ICICSS 2018)	Innovation	Conference	Akshaya College Of Engineering And Technology, Coimbatore	Educational Institute	20-09-2018 00:00:00	21-09-2018 00:00:00	2	3	0	3	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

International Conference on Communication and Electronics Systems (ICCES 2018)	Innovation	Conference	PPG Institute Of Technology, Coimbatore	Educational Institute	15-10-2018 00:00:00	16-10-2018 00:00:00	2	5	0	5	No	---	---	No	---
18th International Conference on Intelligent Systems Design and Applications (ISDA-2018)	Innovation	Conference	Vellore Institute of Technology, Vellore	Educational Institute	06-12-2018 00:00:00	08-12-2018 00:00:00	3	1	0	1	No	---	---	No	---
International Conference on Inventive Computation Technologies (ICICT-2018)	Innovation	Conference	RVS Technical Campus, Coimbatore	Educational Institute	15-11-2018 00:00:00	16-11-2018 00:00:00	2	1	0	1	No	---	---	No	---
Cloud computing	Innovation	Internship	National Small Industries Corporation	Govt. Agency (Central)	11-06-2018 00:00:00	22-06-2018 00:00:00	12	1	0	1	No	---	---	No	---
Image processing	Innovation	Internship	National Small Industries Corporation	Govt. Agency (Central)	11-06-2018 00:00:00	22-06-2018 00:00:00	12	5	0	5	No	---	---	No	---
Big data	Innovation	Internship	Averz technologies	Corporate / Industry Association	11-06-2018 00:00:00	30-06-2018 00:00:00	20	2	0	2	No	---	---	No	---
cryptography and network security	Innovation	Internship	Averz technologies	Corporate / Industry Association	11-06-2018 00:00:00	30-06-2018 00:00:00	20	1	0	1	No	---	---	No	---
Mobile Adhoc Network	Innovation	Internship	Averz technologies	Corporate / Industry Association	11-06-2018 00:00:00	30-06-2018 00:00:00	20	1	0	1	No	---	---	No	---
Internet of Things	Innovation	Internship	Averz Technologies	Corporate / Industry Association	11-06-2018 00:00:00	30-06-2018 00:00:00	20	4	0	4	No	---	---	No	---
Networking Security	Innovation	Internship	Infoziant	Corporate / Industry Association	08-06-2018 00:00:00	29-06-2018 00:00:00	22	1	0	1	No	---	---	No	---
Robotics	Innovation	Internship	Infoziant	Corporate / Industry Association	08-06-2018 00:00:00	29-06-2018 00:00:00	22	1	0	1	No	---	---	No	---
Android	Innovation	Internship	Infoziant	Corporate / Industry Association	08-06-2018 00:00:00	29-06-2018 00:00:00	22	1	0	1	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

24 HOUR SIEMENS MAKE IT REAL HACKATHON	Innovation	COMPETITION	BMS COLLEGE OF ENGINEERING	Educational Institute	11-10-2018 00:00:00	12-10-2018 00:00:00	2	2	0	2	No	---	---	Yes	10000
ONEDAY NATIONAL LEVEL PROJECT EXPO	Innovation	COMPETITION	ST JOSEPHS COLLEGE OF ENGINEERING	Educational Institute	03-04-2019 00:00:00	03-04-2019 00:00:00	1	2	0	2	Yes	FIRST	PROTOSTORM 2019	No	---
PECTEAM 2019	Innovation	COMPETITION	PANIMALAR ENGINEERING COLLEGE	Educational Institute	22-03-2019 00:00:00	22-03-2019 00:00:00	1	1	0	1	Yes	FIRST	PECTEAM 2019	No	---
IEEE INTERNATIONAL SENSORS AND MEASUREMENT STUDENT CONTEST	Innovation	COMPETITION	IEEE SENSOR COUNCIL	International Agencies	28-10-2018 00:00:00	31-10-2018 00:00:00	4	2	1	3	Yes	THIRD	IEEE SENSORS 2018	Yes	24000
TRIDENIS 2K18	Innovation	PROJECT EXPO	VELAMMAL INSTITUTE OF TECHNOLOGY, CHENNAI	Educational Institute	01-09-2018 00:00:00	01-09-2018 00:00:00	1	3	0	3	Yes	1 ST PLACE	Best Project	No	---
GOKART-CHAMPIONSHIP	Innovation	EXHIBITION OF INNOVATION PRODUCT	LPU-PUNJAB	Educational Institute	15-03-2019 00:00:00	18-03-2019 00:00:00	4	18	0	18	Yes	1 ST PLACE in AUTOCROSS	AUTOCROSS WINNER	No	---
Hackathons Competition Boot-Camp Exchange Program	Innovation	Hackathon	MHRD, AICTE	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	FIRST PRIZE	Bulk email and SMS Communication portal	Yes	12219
TAKSHSHILA	Entrepreneurship/Startup	motivational speak	Chennai Institute of Technology	Educational Institute	21-02-2019 00:00:00	23-02-2019 00:00:00	3	3	0	3	Yes	Third Place	Linga franca	No	---
Hackathons Competition Boot-Camp Exchange Program	Innovation	Hackathon	MHRD, AICTE	Govt. Agency (Central)	26-07-2018 00:00:00	27-07-2018 00:00:00	2	11	1	12	No	---	---	Yes	13360
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Motivational Speech	NSTEDB, DST NIMAT Project and EDII, Ahamedabad	Govt. Agency (Central)	16-11-2018 00:00:00	19-11-2018 00:00:00	4	127	7	134	No	---	---	Yes	37000
Bharath formula karting champions	Innovation	EXHIBITION OF INNOVATION PRODUCT	CADD Technologies, Coimbatore, Tamilnadu	Non-Govt. Agencies	02-08-2018 00:00:00	04-08-2018 00:00:00	3	65	0	65	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

Bharath formula karting champions	Innovation	EXHIBITION OF INNOVATION PRODUCT	CADD Technologies, Coimbatore, Tamilnadu	Non-Govt. Agencies	28-02-2019 00:00:00	02-03-2019 00:00:00	3	46	0	46	No	---	---	No	---
6th gokart design challenge	Innovation	EXHIBITION OF INNOVATION PRODUCT	INDIAN SOCIETY OF NEW ERA ENGINEER SGREATER NOIDA,UTT RAPRADESH	Non-Govt. Agencies	22-02-2019 00:00:00	27-02-2019 00:00:00	6	16	0	16	No	---	---	No	---
KINGS KARTING CHAMPIONSHIP	Innovation	EXHIBITION OF INNOVATION PRODUCT	KINGS ENGINEERING COLLEGE, CHENNAI	Educational Institute	09-01-2019 00:00:00	11-01-2019 00:00:00	3	25	0	25	No	---	---	No	---
ZERO waste management	Entrepreneurship/Startup	Exposure Visit	Vellore	Non-Govt. Agencies	26-07-2018 00:00:00	26-07-2018 00:00:00	1	75	4	79	No	---	---	Yes	5000
Student Project Programme	Innovation	Innovation Contest	Institute of Scholars	Non-Govt. Agencies	17-04-2019 00:00:00	17-04-2019 00:00:00	1	4	1	5	Yes	Recognised	Electrification of Waste	No	---
DESIGN AND IMPLEMENTATION OF SOLAR PV SYSTEM WITH RESEARCH PERSPECTIVE	Innovation	Training	Tamilnadu Advanced Technical Training Institute	Govt. Agency (State)	19-11-2018 00:00:00	20-11-2018 00:00:00	2	27	0	27	No	---	---	Yes	15000
Hands on Training PCB Design	Innovation	Training	ERP Labs	Non-Govt. Agencies	21-05-2018 00:00:00	22-05-2018 00:00:00	2	49	0	49	No	---	---	Yes	20500
Automation Testing	Innovation	Internship	Robot Bosch Engineering and Business Solution Pvt Ltd	Corporate / Industry Association	11-06-2018 00:00:00	31-03-2019 00:00:00	29	1	0	1	No	---	---	No	---
Mobile Application and Security	Innovation	Internship	Farm Again	Corporate / Industry Association	11-06-2018 00:00:00	31-03-2019 00:00:00	29	1	0	1	No	---	---	No	---
TAKSHSHILA	Innovation	Skill development	Chennai Institute of Technology	Educational Institute	21-02-2019 00:00:00	23-02-2019 00:00:00	3	2	0	2	Yes	Second Prize	Idea Creation Quiz	No	---
PINNACLE 2K18 2.0	Entrepreneurship/Startup	Workshop	Easwari Engineering College	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	2	0	2	Yes	First Prize	Web designing for Innovative Idea	No	---
Certified Ethical Hacker	Entrepreneurship/Startup	Awareness	EC - Council	International Agencies	16-03-2018 00:00:00	16-03-2018 00:00:00	1	1	0	1	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

NEMESIS 18	Innovation	Innovation contest	Dhaamish Ahmed College of Engineering	Educational Institute	29-08-2018 00:00:00	29-08-2018 00:00:00	1	2	0	2	Yes	First Prize	Googler	No	---
TECHPLEX	Innovation	Seminar	New Prince Shri Bhavani College of Engineering and Technology	Educational Institute	08-09-2019 00:00:00	08-09-2019 00:00:00	1	2	0	2	Yes	First Prize	Code Debugging in Idea Creation	No	---
International Workshop on Graph Theory and IOT in Engineering	Entrepreneurship/Startup	Conference	Vellore Institute of Technology	Educational Institute	13-07-2018 00:00:00	14-07-2018 00:00:00	2	1	7	8	Yes	Best Paper Presentation Award	Data Science	No	---
Chennai International Youth Fest	Innovation	Skill development	Youth Development Consortium	Govt. Agency (Central)	16-09-2019 00:00:00	16-09-2019 00:00:00	1	1	0	1	Yes	Third Prize	SHIP WRECK	No	---
CSI Student Project Competition	Innovation	Innovation contest	Computer Society OF India	Non-Govt. Agencies	15-03-2019 00:00:00	15-03-2019 00:00:00	1	2	0	2	Yes	Third Prize	Smart Helmet With Emergency	No	---
TECHNOZARRR 19	Innovation	Hackathon	SRM Institute Of Science and Technology	Educational Institute	21-02-2019 00:00:00	22-02-2019 00:00:00	2	1	0	1	Yes	Second Prize	Hack it up	No	---
TECHNOZARRR 19	Innovation	Hackathon	SRM Institute Of Science and Technology	Educational Institute	21-02-2019 00:00:00	22-02-2019 00:00:00	2	1	0	1	Yes	Third Prize	Hack it up	No	---
TAKSHSHILA	Entrepreneurship/Startup	Training	Chennai Institute of Technology	Educational Institute	21-02-2019 00:00:00	23-02-2019 00:00:00	3	1	0	1	Yes	Second Prize	Picture perception	No	---
DRESTEIN	Innovation	Workshop	Saveetha Engineering College	Educational Institute	16-03-2019 00:00:00	16-03-2019 00:00:00	1	2	0	2	Yes	Second Prize	Paper presentation on Idea Generation	No	---
enantra	Entrepreneurship/Startup	Competition	Anna University	Govt. Agency (State)	07-02-2019 00:00:00	10-02-2019 00:00:00	4	4	0	4	Yes	II Place	Marketing Hackathon	No	---
smart India Hackathon	Innovation	Hackathon	MHRD - IIT-Patna	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	No	---	---	Yes	14190
smart India Hackathon	Innovation	Hackathon	MHRD - SIKSHA O ANUSANDHAN (Deemed to be University) Bhubaneswar, Odisha	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	No	---	---	Yes	2925
Smart India Hackathon	Innovation	Hackathon	MHRD-NIT-Jamshedpur Jharkhand	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	No	---	---	Yes	3495

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

Smart India Hackathon	Innovation	Hackathon	MHRD - NIT-Trichy	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	No	---	---	Yes	877
Design Centric Approach Workshop	Entrepreneurship/Startup	Workshop	IITD-Kanchipuram	Govt. Agency (Central)	19-02-2019 00:00:00	20-02-2019 00:00:00	2	5	0	5	No	---	---	No	---
E Cell Leader Workshop	Entrepreneurship/Startup	Training	PMO-IEDP at CED , Anna University, Chennai	Educational Institute	16-08-2018 00:00:00	17-08-2018 00:00:00	2	0	2	2	No	---	---	No	---
The world entrepreneurship day 2018	Entrepreneurship/Startup	Motivational Speech	Rajiv Gandhi National Institute of youth Development, Sriperumpudur	Educational Institute	21-08-2018 00:00:00	21-08-2018 00:00:00	1	10	0	10	No	---	---	No	---
TOP Management Meet	Entrepreneurship/Startup	Motivational Speech	CEG, Anna University, Chennai	Educational Institute	28-11-2018 00:00:00	28-11-2018 00:00:00	1	0	2	2	No	---	---	No	---
Enantra Entrepreneurship Mantra Version 3.0	Entrepreneurship/Startup	Motivational Speech	Center for Entrepreneurship Development , Anna University, Chennai, (Stock Market Workshop)-	Educational Institute	08-02-2019 00:00:00	09-02-2019 00:00:00	2	56	0	56	No	---	---	No	---
Design Centric Approach Workshop	Entrepreneurship/Startup	Motivational Speech	IITDM, Kanchipuram	Educational Institute	19-02-2019 00:00:00	20-02-2019 00:00:00	2	10	0	10	No	---	---	No	---
Workshop on Take off Gamefied version of knowing entrepreneurship	Innovation	Motivational Speech	TAG Auditorium Anna University Chennai and EDII Tamilnadu	Educational Institute	20-02-2019 00:00:00	20-02-2019 00:00:00	1	9	0	9	No	---	---	No	---
Learn and Lead workshop on Incubation Management	Entrepreneurship/Startup	Motivational Speech	Raman Hall, Ground Floor, IIT Madras Research Park and EDII Tamilnadu	Educational Institute	03-01-2019 00:00:00	03-01-2019 00:00:00	1	0	2	2	No	---	---	No	---
FDP on Artificial Intelligence Deep Learning and Computer Vision Applications	Innovation	Training	Vel Tech Rangarajan Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	03-12-2018 00:00:00	09-12-2018 00:00:00	7	0	1	1	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

FDTP Cryptography and Network Security	Innovation	Training	Vel Tech Rangarajan Dr Sagunthala R and D Institute of Science and Technology	Educational Institute	18-06-2018 00:00:00	25-06-2018 00:00:00	8	0	4	4	No	---	---	No	---
FDTP on CS6551 Computer Networks	Innovation	Training	Anna University	Educational Institute	19-06-2018 00:00:00	25-06-2018 00:00:00	7	0	3	3	No	---	---	No	---
INSC Student Project Programme	Innovation	Ideation	Institute of Scholars	Non-Govt. Agencies	15-06-2019 00:00:00	15-06-2019 00:00:00	1	8	2	10	No	---	---	No	---
RAJASTHAN DIGIFEST BIKANER	Innovation	Hackathon	DEPARTMENT OF INFORMATION TECHNOLOGY AND COMMUNICATION, GOVERNMENT OF RAJASTHAN	Govt. Agency (Central)	26-07-2018 00:00:00	27-07-2018 00:00:00	2	11	1	12	No	---	---	Yes	13360

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
FDP on Tele Health Technology OMD553	Innovation	FDP	Bachelor	13-05-2019 00:00:00	18-05-2019 00:00:00	6	Offline	30	30	48
Workshop on Java	Innovation	Short term Certificate	Bachelor	25-08-2018 00:00:00	05-10-2018 00:00:00	42	Offline	94	94	35
Workshop on Python	Innovation	Short term Certificate	Bachelor	25-08-2018 00:00:00	05-10-2018 00:00:00	42	Offline	94	94	35
Image Processing Analysis	IPR	Elective/Core Credit Course	Master	21-01-2019 00:00:00	22-04-2019 00:00:00	92	Offline	6	6	88
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	02-07-2018 00:00:00	10-10-2018 00:00:00	101	Offline	74	74	45
Innovation Business Model and Entrepreneurship	Innovation	Short term Certificate	Short Term Certificate Course	06-08-2018 00:00:00	28-09-2018 00:00:00	54	Online	1	1	192
ROAD MAP FOR PATENT CREATION	IPR	Short term Certificate	Short Term Certificate Course	28-01-2019 00:00:00	31-03-2019 00:00:00	63	Online	1	1	40
Computer Vision	IPR	Elective/Core Credit Course	Master	02-07-2018 00:00:00	17-10-2018 00:00:00	108	Offline	9	9	89
Network Design Technologies	IPR	Elective/Core Credit Course	Master	21-01-2019 00:00:00	22-04-2019 00:00:00	92	Offline	17	17	88
Security Practices	IPR	Elective/Core Credit Course	Master	21-01-2019 00:00:00	22-04-2019 00:00:00	92	Offline	17	17	88

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

Research and Development Cell	Research Park/Innovation Park	2018	Panimalar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. B. Bhuvaneshwari</td> </tr> <tr> <td>Facility Incharge Email</td> <td>drbhuvanaramani@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>944485959</td> </tr> </table>	Facility Incharge Name	Dr. B. Bhuvaneshwari	Facility Incharge Email	drbhuvanaramani@gmail.com	Facility Incharge Phone	944485959	1500 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1519982</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>25000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1519982	Annual Operational Expenditure (In Rupees)	25000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>1000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>500</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	1000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	500	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr. B. Bhuvaneshwari																										
Facility Incharge Email	drbhuvanaramani@gmail.com																										
Facility Incharge Phone	944485959																										
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Entrepreneurship cell	Incubation Unit	2012	Panimalar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V. Mahalakshmi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mbadean@panimalar.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04426490404</td> </tr> </table>	Facility Incharge Name	Dr. V. Mahalakshmi	Facility Incharge Email	mbadean@panimalar.ac.in	Facility Incharge Phone	04426490404	180 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2131250</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>20000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2131250	Annual Operational Expenditure (In Rupees)	20000	No								
Facility Incharge Name	Dr. V. Mahalakshmi																										
Facility Incharge Email	mbadean@panimalar.ac.in																										
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Annual Operational Expenditure (In Rupees)	20000																										
Centre for Excellence in NVH and NDT	Incubation Unit	2017	MBA Block PEC	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. L. Kartikeyan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mechhod@panimalar.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7200151195</td> </tr> </table>	Facility Incharge Name	Dr. L. Kartikeyan	Facility Incharge Email	mechhod@panimalar.ac.in	Facility Incharge Phone	7200151195	1800 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>6000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	6000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>10000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr. L. Kartikeyan																										
Facility Incharge Email	mechhod@panimalar.ac.in																										
Facility Incharge Phone	7200151195																										
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Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Internet of Things Lab	Incubation Unit	2017	Panimalar Engineering College, Chennai	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr G Elumalai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>elumalaig79@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944464332</td> </tr> </table>	Facility Incharge Name	Mr G Elumalai	Facility Incharge Email	elumalaig79@gmail.com	Facility Incharge Phone	9944464332	1500 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>111550</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>30000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	111550	Annual Operational Expenditure (In Rupees)	30000	No								
Facility Incharge Name	Mr G Elumalai																										
Facility Incharge Email	elumalaig79@gmail.com																										
Facility Incharge Phone	9944464332																										
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Annual Operational Expenditure (In Rupees)	30000																										

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

IOT LAB(MODROBS)	Pre-Incubation Centre	2017	Panimalar Engineering College, chennai	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr S Murugava Ili</td> </tr> <tr> <td>Facility Incharge Email</td> <td>csehod@panimalar.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04426490404</td> </tr> </table>	Facility Incharge Name	Dr S Murugava Ili	Facility Incharge Email	csehod@panimalar.ac.in	Facility Incharge Phone	04426490404	3444.45 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>979790</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>979790</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	979790	Annual Operational Expenditure (In Rupees)	979790	No
Facility Incharge Name	Dr S Murugava Ili																		
Facility Incharge Email	csehod@panimalar.ac.in																		
Facility Incharge Phone	04426490404																		
Yes																			
Annual Capital Expenditure (In Rupees)	979790																		
Annual Operational Expenditure (In Rupees)	979790																		
Cloud Bull	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2017	Panimalar Engineering college	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>G.Senthil Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mailtosenthilkumar@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04426490404</td> </tr> </table>	Facility Incharge Name	G.Senthil Kumar	Facility Incharge Email	mailtosenthilkumar@yahoo.com	Facility Incharge Phone	04426490404	270 Sq. Mtr.	No	No						
Facility Incharge Name	G.Senthil Kumar																		
Facility Incharge Email	mailtosenthilkumar@yahoo.com																		
Facility Incharge Phone	04426490404																		
Solar Novina	Incubation Unit	2017	Panimalar Engineering college Chennai	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr U Vasudevan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>u.vasudevan85@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841135468</td> </tr> </table>	Facility Incharge Name	Mr U Vasudevan	Facility Incharge Email	u.vasudevan85@gmail.com	Facility Incharge Phone	9841135468	1200 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>78000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>20000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	78000	Annual Operational Expenditure (In Rupees)	20000	No
Facility Incharge Name	Mr U Vasudevan																		
Facility Incharge Email	u.vasudevan85@gmail.com																		
Facility Incharge Phone	9841135468																		
Yes																			
Annual Capital Expenditure (In Rupees)	78000																		
Annual Operational Expenditure (In Rupees)	20000																		

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)
Research Park	Institute's Own Fund / Resource	---	---	Yes	10000
Research and Development Cell	Funding Agency	AICTE	Govt. Agency (Central)	Yes	1000000
Research and Development Cell	Funding Agency	Trend Instrumentation and Automation Pvt.Ltd	Not-Govt. Agencies	Yes	75000
Research and Development Cell	Funding Agency	Advantech Instruments and services	Not-Govt. Agencies	Yes	90000
Research and Development Cell	Funding Agency	GTech Drives and Controls Pvt Ltd	Not-Govt. Agencies	Yes	70000
Centre for Excellence in NVH and NDT	Funding Agency	ATALON	Not-Govt. Agencies	Yes	173000

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

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Design and Development of CPW meandered antenna for WLAN applications	Research and Development Cell	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>10000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	10000	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>10000</td></tr> <tr><td>Seedfund/Angel/VC Agency Name</td></tr> <tr><td>Adventure Pvt Co., Chennai</td></tr> <tr><td>Agency Type</td></tr> <tr><td>Non-Govt. Agencies</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	10000	Seedfund/Angel/VC Agency Name	Adventure Pvt Co., Chennai	Agency Type	Non-Govt. Agencies	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>10000</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	10000
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Principal Innovator																							
Name				Type		Gender		Email		Contact													
Dr.B.Bhuvanewari				Faculty		Female		drbhuvanaramani@gmail.com		9444485959													

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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Dr.Uma Maheswari	Faculty	Female	umasg76@yahoo.co.in	9176662056																					
<p>Modern Innovation to Identify an Emergency Call</p>	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 2 : Technology formulation. Concept and application have been formulated.	<p>Yes</p> <p>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</p> <p>550</p>	No																
	No	<table border="1"> <thead> <tr> <th colspan="5" data-bbox="488 1101 2204 1158">Principal Innovator</th> </tr> <tr> <th data-bbox="488 1158 994 1201">Name</th> <th data-bbox="994 1158 1294 1201">Type</th> <th data-bbox="1294 1158 1594 1201">Gender</th> <th data-bbox="1594 1158 1895 1201">Email</th> <th data-bbox="1895 1158 2204 1201">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="488 1201 994 1262">Dr.V.D.Ambeth Kumar</td> <td data-bbox="994 1201 1294 1262">Faculty</td> <td data-bbox="1294 1201 1594 1262">Male</td> <td data-bbox="1594 1201 1895 1262">dr.vdambethkumar@gmail.com</td> <td data-bbox="1895 1201 2204 1262">7200191195</td> </tr> </tbody> </table>									Principal Innovator					Name	Type	Gender	Email	Contact	Dr.V.D.Ambeth Kumar	Faculty	Male	dr.vdambethkumar@gmail.com	7200191195
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Co-Innovator																								
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Principal Innovator				
Name	Type	Gender	Email	Contact
Dr.V.D.Ambeth Kumar	Faculty	Male	dr.vdambethkumar@gmail.com	7200191195

Road Construction Budget Analysis	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 550	No	No
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Principal Innovator				
Name	Type	Gender	Email	Contact
Dr.V.D.Ambeth Kumar	Faculty	Male	dr.vdambethkumar@gmail.com	7200191195

Automatic Volume Level Adapter for Portable Device	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 550	No
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Co-Innovator																								
Name	Type	Gender	Email	Contact																				
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Co-Innovator																								
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6150																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
S.Sathyavenkateshwaran		Faculty and Student		Male		sathya7995@yahoo.com		9834556723													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Dr.S.Malathi		Faculty		Female		medean@panimalar.ac.in		9790793852													
GSM Based Monitoring and Fault Detection For Uninterrupted Power Supply																					

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6000																							

Principal Innovator

Name	Type	Gender	Email	Contact
Mrs.M.Saraswathi	Faculty	Female	saraswathijawahar83@gmail.com	7708548473

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G.Elumalai				Faculty		Male		elumalaig79@gmail.com		9944464332													

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Eve Teasing Threatner		IOT LAB(MODROBS)	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>7500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	7500	No																														
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Implementaion of cloud based health care Monitoring system using IOT		Interner of Things Lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No																																	
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Centre for Excellence in NVH and NDT	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>45000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	45000	No	No																															
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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?
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Principal Innovator									
Name		Type		Gender		Email		Contact	
Dr. M. Puviyarasan		Faculty		Male		muthupuvi@gmail.com		7200151195	

Co-Innovator									
Name		Type		Gender		Email		Contact	
Mr. I. John Solomon		Faculty		Male		pecdome@gmail.com		7200151195	

Centre for Excellence in NVH and NDT	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>42000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	42000	No	No
Yes												
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42000												

Principal Innovator									
Name		Type		Gender		Email		Contact	
Dr. T. Mayavan		Faculty		Male		tmayavan@gmail.com		7200151195	

Co-Innovator									
Name		Type		Gender		Email		Contact	
Mr. M. Saravanan		Faculty		Male		pecdome@gmail.com		7200151195	

Solar Novina	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No
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Investigation of thermal behaviour on single cylinder spark ignition engine

Sun Tracking With Solar PV System

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

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Principal Innovator				
Name	Type	Gender	Email	Contact
Mr U Vasudevan	Faculty	Male	u.vasudevan85@gmail.com	9841135468

Co-Innovator				
Name	Type	Gender	Email	Contact
Mr Yuvaraj	Student	Male	yuva@gmail.com	9841135468

Insatled 2.5Kw of Solar Plant at Guingy Railway Station

Solar Novina	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 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No
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Principal Innovator				
Name	Type	Gender	Email	Contact
Mr U Vasudevan	Faculty	Male	u.vasudevan85@gmail.com	9841135468

Safe optical scan voting system	IOT LAB(MODROBS)	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	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)		
									500	

No

Principal Innovator				
Name	Type	Gender	Email	Contact
M.Dillibabu	Faculty	Male	deenshadilli@gmail.com	9840755410

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

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Data Framework For Smale Scale Provincial Farmers(CLOUD)	Cloud Bull	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No																																												
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-	-	Female	-	-																																																		
Identification of Fake Counterfeit Drugs using Blockchain and IoT Network IOT	IOT LAB(MODROBS)	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No																																												
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S A K Jainulabudeen	Faculty	Male	crazychallenger89@gmail.com	04426490404																																																		
Smart surveillance of street lamp in smart cities	IOT LAB(MODROBS)	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No																																												

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Name			Type		Gender		Email		Contact																																		
L BLESSY SYLVIA			Student		Female		blessylordson@gmail.com		04428383818																																		
Compact key identity based encryption for scalable data sharing in cloud storage		Cloud Bull	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																																	
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HARI PRIYA			Student		Female		sathyapreiya@yahoo.com		04428383818																																		
Seasonal crop disease Identification and preventive measures with ECO Friendly system for farmers	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500	No																															
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Co-Innovator												
Name		Type		Gender		Email		Contact				
Dr.M.Helda Mercy		Faculty		Female		mercy_hilda@yahoo.co.in		7200181195				
S.Uma		Faculty		Female		uma_sla@yahoo.co.in		72990008650				
P.Arularasi		Student		Female		arularasi1310@gmail.com		9094300380				
Research and Development Cell	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 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>45000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	45000	No	No
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45000												
Principal Innovator												
Name		Type		Gender		Email		Contact				
Dr M Rajmal Joshi		Faculty		Male		rajmaljoshi@gmail.com		8825551878				
Co-Innovator												
Name		Type		Gender		Email		Contact				
K Kandha Kumar		Faculty		Male		balakandhakumar@gmail.com		9789583895				
M Raghupathi		Faculty		Male		raghu.0725@gmail.com		8220097123				

Automatic Power Factor Correction and Energy Monitoring System

mining tweets through live streaming data using spark and create a data lake

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Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500	No	No	IOT based Machine condition monitoring for Automation by using industrial Wireless Sensor Networks
Yes													
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					
M.Dillibabu		Faculty		Male		deenshadilli@gmail.com		9840755410					
Co-Innovator													
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Dr.M.Helda Mercy		Faculty		Female		mercy_hilda@yahoo.co.in		7200181195					
B.Karthikeyan		Faculty		Male		karthikeyan.b32@gmail.com		9789937508					
M.Somaskandan		Faculty		Male		somaskandanm@gmail.com		9884422250					
Research and Development Cell	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 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>45000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	45000	No	No	
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Principal Innovator				
Name	Type	Gender	Email	Contact
Dr R Kannan	Faculty	Male	rpskannan@gmail.com	8939363890

Co-Innovator				
Name	Type	Gender	Email	Contact
A Kalaimani	Faculty	Female	kalaimanianbu1981@gmail.com	04428383814
T Sundaresan	Faculty	Male	sesan59@gmail.com	9962302684

Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500	No	No
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Principal Innovator				
Name	Type	Gender	Email	Contact
M.Dillibabu	Faculty and Student	Male	deenshadilli@gmail.com	9840755410

An Efficient Implementation of Trust Model for protocol Conversion

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?
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Co-Innovator					PEC Student Corner
Name	Type	Gender	Email	Contact	
u.Lakshmi	Student	Female	poojalakzz@gmail.com	9840867199	
P.Priyanka	Student	Female	priyankap1211@gmail.com	8754560480	
Dr.M.Helda Mercy	Faculty	Female	mercy_hilda@yahoo.co.in	7200181195	
Mrs.S.Mary Rexcy Asha	Faculty	Female	rexcyasha@gmail.com	9444646932	

Entrepreneurship cell	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	0
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0												

Principal Innovator				
Name	Type	Gender	Email	Contact
Abishek Babu	Student	Male	abishekbabu000@gmail.com	8072064524

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No	Biometric Enabled application for authenticating the client	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																														
Location Based Context provider using M Learning System	No	<table border="1"> <thead> <tr> <th colspan="10">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>D Anuradha</td> <td>Faculty</td> <td>Female</td> <td>vanu2020@gmail.com</td> <td>9884600755</td> <td colspan="5"></td> </tr> </tbody> </table>									Principal Innovator										Name	Type	Gender	Email	Contact						D Anuradha	Faculty	Female	vanu2020@gmail.com	9884600755					
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Alerting Fisherman Community Coastal Guards during Disaster Mitigation using Sensors	No	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																														

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Detecting and preventing academic misconduct using back scatter image		Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																														
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Convolutional Neural Network Model for Predicting Skin Based Diseases and Evaluation of Risk Assessment		Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																														
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Mohan M		Faculty		Male		mohan.rm@gmail.com		9176693334																																
Anime Generation Using Conditional Generative Adversarial Network		Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																														
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Name		Type		Gender		Email		Contact																																
Dr S Murugavalli		Faculty		Female		csehod@panimalar.ac.in		9751881773																																

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	PHENOLOGY SWOT USING DEEP LEARNING	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No															
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M Maheswari	Faculty	Female	rajmahes@gmail.com	9962487744																					
Data Framework For Small Scale Provincial Farmers	Research Park	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No																

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No	Identification of Fake Counterfeit Drugs using Blockchain and IoT Network	<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Kavitha Subramani</td> <td>Faculty</td> <td>Female</td> <td>kavitha_bhskr@yahoo.com</td> <td>9962487744</td> </tr> </tbody> </table>									Principal Innovator					Name	Type	Gender	Email	Contact	Kavitha Subramani	Faculty	Female	kavitha_bhskr@yahoo.com	9962487744
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Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

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ENASTLE SOLUTIONS PRIVATE LIMITED	Entrepreneurship cell	2018-19	Private Limited	U72900TN2019P TC129163	Student	Service Based Business Solution	Receiving Incubation Support from Incubation Unit	No	No	No	No																		
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Infoziant IT Solutions	Entrepreneurship cell	2018-19	Private Limited	U72900TN2015P TC100423	Alumni Entrepreneur	Service Based Business Solution	Receiving Incubation Support from Incubation Unit	Yes	No	No	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </tbody> </table>	Yes	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)	0																					
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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 Extended to Other Institute	ATALON	Mentoring	3	10-02-2017
Incubation Services/Support Received from Other Institute/Incubator	Infoziant	Incubation,Mentoring	4	16-11-2016

Co-Incubation Partnership

Incubation Services/Support Extended to Other Institute	CLOUD BULL INDIA	Mentoring	1	09-04-2018
Incubation Services/Support Extended to Other Institute	EINNEL TECHNOLOGIES	Mentoring	1	20-07-2017
Incubation Services/Support Extended to Other Institute	ALTSENSE CHENNAI	Mentoring	1	16-11-2016
Incubation Services/Support Received from Other Institute/Incubator	RIYASAA LABS PRIVATE LIMITED	Mentoring	1	12-07-2018
Incubation Services/Support Extended to Other Institute	Advantech Instruments and Services	Mentoring	1	13-04-2015
Incubation Services/Support Extended to Other Institute	Gemco Renewable Energy Training Institute	Mentoring	1	06-04-2015

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
				Patent/Licence Holder name (Institute Co-ownership is Must)	Dr M Mageswari		Licence Transferred to	Industry		
SIEVE ANALYSIS OF FINE AGGREGATE AND COARSE AGGREGATE	Non-IP/Non-Patented Technology	One-time transfer/Licensing	NA	Contact number of license holder	04426490404	Civil	Name of Industry/Start-up/Agency Received License/Technology	Southern railways		
				Email of Licence holder	civilhod@panimalar.ac.in		Address of Agency	Off of the dy Chief Engineer Park town Chennai		
				Gender	Female		Contact Number of Agency	7034181972		
							Email of Agency	venkataru1990@gmail.com		

Technology Commercialization / Transfer

Smart Surveillance with metal detector using Robots	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-75579-2018	Patent/Licence Holder name (Institute Co-ownership is Must)	D Jennifer	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	9884600755		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	jennifer.akshika@gmail.com		Address of Agency	Nazrethpet chennai 600123		
				Gender	Female		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		
Biometric Enabled application for authenticating the client	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-759762018	Patent/Licence Holder name (Institute Co-ownership is Must)	D Anuradha	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	9884600755		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	vanu2020@gmail.com		Address of Agency	Nazrethpet chennai 600123		
				Gender	Female		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		
Location Based Context provider using M Learning System	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-10925-2018	Patent/Licence Holder name (Institute Co-ownership is Must)	V Sathiya	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	9444392085		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	vinmathis@gmail.com		Address of Agency	Nazrethpet chennai 600123		
				Gender	Female		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		

Technology Commercialization / Transfer

Alerting Fisherman Community Coastal Guards during Disaster Mitigation using Sensors	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-75966-2018	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Kavitha Subramani</td> </tr> <tr> <td>Contact number of license holder</td> <td>9962487744</td> </tr> <tr> <td>Email of Licence holder</td> <td>kavitha_bhskr@yahoo.com</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Kavitha Subramani	Contact number of license holder	9962487744	Email of Licence holder	kavitha_bhskr@yahoo.com	Gender	Female	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600123</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600123	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Kavitha Subramani																									
Contact number of license holder	9962487744																									
Email of Licence holder	kavitha_bhskr@yahoo.com																									
Gender	Female																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Nazrethpet chennai 600123																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Detecting and preventing academic misconduct using back scatter image	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-76602-2018	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Kajendran K</td> </tr> <tr> <td>Contact number of license holder</td> <td>9962487744</td> </tr> <tr> <td>Email of Licence holder</td> <td>kavitha_bhskr@yahoo.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Kajendran K	Contact number of license holder	9962487744	Email of Licence holder	kavitha_bhskr@yahoo.com	Gender	Male	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600124</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600124	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Kajendran K																									
Contact number of license holder	9962487744																									
Email of Licence holder	kavitha_bhskr@yahoo.com																									
Gender	Male																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Nazrethpet chennai 600124																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Convolutional Neural Network Model for Predicting Skin Based Diseases and Evaluation of Risk Assessment	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-11458-2018	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mohan M</td> </tr> <tr> <td>Contact number of license holder</td> <td>9176693334</td> </tr> <tr> <td>Email of Licence holder</td> <td>mohan.rm@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mohan M	Contact number of license holder	9176693334	Email of Licence holder	mohan.rm@gmail.com	Gender	Male	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600125</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600125	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Mohan M																									
Contact number of license holder	9176693334																									
Email of Licence holder	mohan.rm@gmail.com																									
Gender	Male																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Nazrethpet chennai 600125																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									

Technology Commercialization / Transfer

Anime Generation Using Conditional Generative Adversarial Network	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-11465-2018	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr S Murugavalli	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	9751881773		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	csehod@panimalar.ac.in		Address of Agency	Nazrethpet chennai 600126		
				Gender	Female		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		
Sculpture Generation Using Generative Adversarial Network	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-11587-2018	Patent/Licence Holder name (Institute Co-ownership is Must)	Jainulabudeen S A K	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	7904404902		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	crazychallenger89@gmail.com		Address of Agency	Nazrethpet chennai 600127		
				Gender	Male		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		
Device Information Caching Through Probe Request	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-76095-2018	Patent/Licence Holder name (Institute Co-ownership is Must)	Jainulabudeen S A K	Computer Science and Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	7904404902		Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College		
				Email of Licence holder	crazychallenger89@gmail.com		Address of Agency	Nazrethpet chennai 600128		
				Gender	Male		Contact Number of Agency	04426490404		
							Email of Agency	info@panimalar.ac.in		

Technology Commercialization / Transfer

PHENOLOGY SWOT USING DEEP LEARNING	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-80334-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>M Maheswari</td> </tr> <tr> <td>Contact number of license holder</td> <td>9962487744</td> </tr> <tr> <td>Email of Licence holder</td> <td>rajmahes@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	M Maheswari	Contact number of license holder	9962487744	Email of Licence holder	rajmahes@gmail.com	Gender	Female	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600129</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600129	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	M Maheswari																									
Contact number of license holder	9962487744																									
Email of Licence holder	rajmahes@gmail.com																									
Gender	Female																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Nazrethpet chennai 600129																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Data Framework For Small Scale Provincial Farmers	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-12392-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Kavitha Subramani</td> </tr> <tr> <td>Contact number of license holder</td> <td>9962487744</td> </tr> <tr> <td>Email of Licence holder</td> <td>kavitha_bhskr@yahoo.com</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Kavitha Subramani	Contact number of license holder	9962487744	Email of Licence holder	kavitha_bhskr@yahoo.com	Gender	Female	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600130</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600130	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Kavitha Subramani																									
Contact number of license holder	9962487744																									
Email of Licence holder	kavitha_bhskr@yahoo.com																									
Gender	Female																									
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Address of Agency	Nazrethpet chennai 600130																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Identification of Fake Counterfeit Drugs using Blockchain and IoT Network	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-83137-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>S A K Jainulabudeen</td> </tr> <tr> <td>Contact number of license holder</td> <td>7904404902</td> </tr> <tr> <td>Email of Licence holder</td> <td>crazychallenger89@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	S A K Jainulabudeen	Contact number of license holder	7904404902	Email of Licence holder	crazychallenger89@gmail.com	Gender	Male	Computer Science and Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Nazrethpet chennai 600131</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Nazrethpet chennai 600131	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	S A K Jainulabudeen																									
Contact number of license holder	7904404902																									
Email of Licence holder	crazychallenger89@gmail.com																									
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Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Nazrethpet chennai 600131																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									

Technology Commercialization / Transfer

Seasonal Crop Disease Identification and Preventive Measures with Eco Friendly System for Farmers	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-12594-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>M Dillibabu</td> </tr> <tr> <td>Contact number of license holder</td> <td>7200181195</td> </tr> <tr> <td>Email of Licence holder</td> <td>deenshadilli@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu	Contact number of license holder	7200181195	Email of Licence holder	deenshadilli@gmail.com	Gender	Male	Information Technology	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Bangalore Trunk Road Nazarethpettai Chennai</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu																									
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Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College																									
Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Safe Optical Scan Voting System	Non-IP/Non-Patented Technology	One-time transfer/Licensing	L-83316-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>M Dillibabu</td> </tr> <tr> <td>Contact number of license holder</td> <td>7200181195</td> </tr> <tr> <td>Email of Licence holder</td> <td>deenshadilli@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu	Contact number of license holder	7200181195	Email of Licence holder	deenshadilli@gmail.com	Gender	Male	Information Technology	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Bangalore Trunk Road Nazarethpettai Chennai</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu																									
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Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									
Mining Tweets Through Live Streaming Data Using Spark and Create a Data Lake	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-12743-2019	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>M Dillibabu</td> </tr> <tr> <td>Contact number of license holder</td> <td>7200181195</td> </tr> <tr> <td>Email of Licence holder</td> <td>deenshadilli@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu	Contact number of license holder	7200181195	Email of Licence holder	deenshadilli@gmail.com	Gender	Male	Information Technology	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Panimalar Engineering College</td> </tr> <tr> <td>Address of Agency</td> <td>Bangalore Trunk Road Nazarethpettai Chennai</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04426490404</td> </tr> <tr> <td>Email of Agency</td> <td>info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	M Dillibabu																									
Contact number of license holder	7200181195																									
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Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai																									
Contact Number of Agency	04426490404																									
Email of Agency	info@panimalar.ac.in																									

Technology Commercialization / Transfer

An Efficient Implementation of Trust Model for Protocol Conversion	Non-IP/Non-Patented Technology	One-time transfer/Licensing	SW-12588-2019	<table border="1"> <tr> <td data-bbox="853 116 1010 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1016 116 1142 236">M DilliBabu</td> </tr> <tr> <td data-bbox="853 240 1010 320">Contact number of license holder</td> <td data-bbox="1016 240 1142 320">7200181195</td> </tr> <tr> <td data-bbox="853 325 1010 384">Email of Licence holder</td> <td data-bbox="1016 325 1142 384">deenshadilli@gmail.com</td> </tr> <tr> <td data-bbox="853 389 1010 568">Gender</td> <td data-bbox="1016 389 1142 568">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	M DilliBabu	Contact number of license holder	7200181195	Email of Licence holder	deenshadilli@gmail.com	Gender	Male	Information Technology	<table border="1"> <tr> <td data-bbox="1373 116 1529 177">Licence Transferred to</td> <td data-bbox="1536 116 1662 177">Institute</td> </tr> <tr> <td data-bbox="1373 181 1529 320">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1536 181 1662 320">Panimalar Engineering College</td> </tr> <tr> <td data-bbox="1373 325 1529 421">Address of Agency</td> <td data-bbox="1536 325 1662 421">Bangalore Trunk Road Nazarethpettai Chennai</td> </tr> <tr> <td data-bbox="1373 426 1529 505">Contact Number of Agency</td> <td data-bbox="1536 426 1662 505">04426490404</td> </tr> <tr> <td data-bbox="1373 510 1529 568">Email of Agency</td> <td data-bbox="1536 510 1662 568">info@panimalar.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Panimalar Engineering College	Address of Agency	Bangalore Trunk Road Nazarethpettai Chennai	Contact Number of Agency	04426490404	Email of Agency	info@panimalar.ac.in	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	M DilliBabu																									
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Email of Agency	info@panimalar.ac.in																									

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