



# 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: Velammal College of Engineering & Technology, Madurai [ARI-C-26781]

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

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Entrepreneurship Awareness camp II	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	04-08-2018 00:00:00	07-08-2018 00:00:00	4	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp III	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	08-08-2018 00:00:00	10-08-2018 00:00:00	3	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp IV	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	13-08-2018 00:00:00	16-08-2018 00:00:00	4	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp V	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	17-08-2018 00:00:00	20-08-2018 00:00:00	4	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp VI	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	21-08-2018 00:00:00	24-08-2018 00:00:00	4	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp VII	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	25-08-2018 00:00:00	28-08-2018 00:00:00	4	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Awareness camp - Additional	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	29-01-2019 00:00:00	31-01-2019 00:00:00	3	Within Campus	75	0	0	0	75	Yes	20000

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

Faculty Development Programme	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Electrical and Electronics Engineering Department	08-11-2018 00:00:00	24-11-2018 00:00:00	17	Within Campus	0	13	0	9	22	Yes	250000
Technology Based Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	02-01-2019 00:00:00	14-02-2019 00:00:00	44	Within Campus	25	0	0	0	25	Yes	300000
Entrepreneurship Awareness camp I	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	01-08-2018 00:00:00	03-08-2018 00:00:00	3	Within Campus	75	0	0	0	75	Yes	20000
Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical and Electronics Engineering Department	29-08-2018 00:00:00	05-10-2018 00:00:00	38	Within Campus	28	0	0	0	28	Yes	200000
Dr.S.R.Ranganathan Memorial Trophy	Entrepreneurship/Startup, Innovation	Personality Development Activity for students	Student Lead Activity	Electronics and Communication Engineering Association	09-08-2018 00:00:00	09-08-2018 00:00:00	1	Within Campus	20	2	0	0	22	No	---
ECE Association	Entrepreneurship/Startup, Innovation	Valedictory function	Student Lead Activity	Electronics and Communication Engineering	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	50	1	0	0	51	No	---
Velammal-ECE Summer Internship 2019	Entrepreneurship/Startup, Innovation	Deep Learning for Data Sciences	Institute Lead Activity	Electronics and Communication Engineering	13-05-2019 00:00:00	17-05-2019 00:00:00	5	Within Campus	30	5	50	0	85	No	---
IETE Activity	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	11-12-2018 00:00:00	12-12-2018 00:00:00	2	Within Campus	30	0	40	0	70	No	---
ECE Association Activity - Guest Lecture	Entrepreneurship/Startup, Innovation	Awareness on pursuing Higher Studies in Reputed Institution	Institute Lead Activity	Electronics and Communication Engineering	21-12-2018 00:00:00	21-12-2018 00:00:00	1	Within Campus	50	0	0	0	50	No	---
ECE Association Activity	Entrepreneurship/Startup, Innovation	Idea Design Contest	Student Lead Activity	Electronics and Communication Engineering	04-01-2019 00:00:00	04-01-2019 00:00:00	1	Within Campus	60	1	0	0	61	No	---

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

IETE Activity	Entrepreneurship/Startup, Innovation	Talk Show Technical Quiz Contest (I Year) Circuit Debugging Contest (II Year) Multimedia Presentation Contest (IV Year)	Student Lead Activity	Electronics and Communication Engineering	21-02-2019 00:00:00	22-02-2019 00:00:00	2	Within Campus	65	0	0	0	65	No	---
ECE Association Activity	Entrepreneurship/Startup, Innovation	Guest Lecture	Student Lead Activity	Electronics and Communication Engineering	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	60	5	0	0	65	No	---
IETE Students Forum	Entrepreneurship/Startup, Innovation	Inter Department Idea Contest	Student Lead Activity	Electronics and Communication Engineering	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	67	0	0	0	67	No	---
ECE Association Activity	Entrepreneurship/Startup, Innovation	Idea Contest	Student Lead Activity	Electronics and Communication Engineering	03-09-2018 00:00:00	03-09-2018 00:00:00	1	Within Campus	60	0	0	0	60	No	---
ECE Association Activity	Entrepreneurship/Startup, Innovation	Literary Contest - Debate	Student Lead Activity	Electronics and Communication Engineering	12-09-2018 00:00:00	12-09-2018 00:00:00	1	Within Campus	67	0	0	0	67	No	---
ECE Association Activity	Entrepreneurship/Startup, Innovation	Guest Lecture on Preparation for Anna University Examination	Student Lead Activity	Electronics and Communication Engineering	26-09-2018 00:00:00	26-09-2018 00:00:00	1	Within Campus	90	0	0	0	90	No	---
Flash Session on How to use SCREENCAST tool for innovative teaching	Innovation	Awareness	Institute Lead Activity	Computer Science and Engineering	20-04-2018 00:00:00	20-04-2018 00:00:00	1	Within Campus	0	20	0	0	20	No	---
Entrepreneurship Awareness Program for Pre-final Year students	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Computer Science and Engineering	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	110	0	0	0	110	No	---
Workshop on Introduction to Data Science and Python	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Computer Science and Engineering	06-09-2018 00:00:00	06-09-2018 00:00:00	1	Within Campus	44	0	0	0	44	No	---
Inauguration of CSE Association	Entrepreneurship/Startup	Startup	Student Lead Activity	Computer Science and Engineering	07-09-2018 00:00:00	07-09-2018 00:00:00	1	Within Campus	114	0	0	0	114	No	---

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

Mini Hackathon on Data Structures	Innovation	Coding Contest	Student Lead Activity	Computer Science and Engineering	18-09-2018 00:00:00	19-09-2018 00:00:00	2	Within Campus	115	0	0	0	115	No	---
Orientation Seminar on CAT Awareness	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Within Campus	114	0	0	0	114	No	---
Intra Departmental Code Debugging Contest	Entrepreneurship/Startup	Coding Contest	Institute Lead Activity	Computer Science and Engineering	07-01-2019 00:00:00	07-01-2019 00:00:00	1	Within Campus	45	0	0	0	45	No	---
IT Association Inauguration	Entrepreneurship/Startup, Innovation	Innovation	Student Lead Activity	Information Technology	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	100	12	0	0	112	No	---
Coding contest	Innovation	innovation	Institute Lead Activity	IT	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	25	2	0	0	27	No	---
AICTE ISTE Sponsored Induction or Refresher Programme on Technical tour on Cloud Computing and Big data Analytics Challenges and solutions	Entrepreneurship/Startup	Training	Institute Lead Activity	Computer Science and Engineering	10-12-2018 00:00:00	15-12-2018 00:00:00	6	Within Campus	0	11	0	32	43	Yes	26800
3rd National and 9th State Level Mini project Contest	Innovation	Contest	Student Lead Activity	Department of Mechanical Engineering	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	109	0	120	0	229	Yes	78000

**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)
HCL Hackathon	Entrepreneurship/Startup	Workshop	KLN College of Engineering Madurai	Educational Institute	21-08-2018 00:00:00	21-08-2018 00:00:00	1	5	0	5	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**

Design and Development of Flexible Antenna For On Body Application	Entrepreneurship/Startup	International Conference	IIT Madras	Educational Institute	27-04-2018 00:00:00	28-04-2018 00:00:00	2	3	0	3	No	---	---	No	---
SMART INDIA HACKATHON - 2019	Entrepreneurship/Startup	Hackathon	Govt. of India	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	12	0	12	No	---	---	No	---
SMART INDIA HACKATHON - 2019	Entrepreneurship/Startup	hackathon	Govt. of India	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	12	0	12	No	---	---	No	---
Developing UI pages for ERP application	Entrepreneurship/Startup	B - Plan Competitions	Mavel Technologies Pvt. Ltd.	Corporate / Industry Association	26-12-2018 00:00:00	26-12-2018 00:00:00	1	1	0	1	No	---	---	No	---
Project Expo	Entrepreneurship/Startup	symposium	KLN College of Engineering, Madurai	Educational Institute	03-01-2019 00:00:00	03-01-2019 00:00:00	1	2	0	2	No	---	---	No	---
Hardware Project Design Contest	Entrepreneurship/Startup	symposium	Mahendra Engineering College	Educational Institute	09-01-2019 00:00:00	09-01-2019 00:00:00	1	4	0	4	No	---	---	No	---
Optical Character Recognition	Entrepreneurship/Startup	workshop	NIT, Trichy	Educational Institute	02-02-2019 00:00:00	03-02-2019 00:00:00	2	2	0	2	No	---	---	No	---
Design and Development of Flexible Antenna For On Body Application	Entrepreneurship/Startup	International Conference	IIT Madras,	Educational Institute	27-04-2018 00:00:00	28-04-2018 00:00:00	2	3	0	3	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	Symposium	NIT, Trichy	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	symposium	NIT, Trichy	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	symposium	NIT, Trichy	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	symposium	Kongu Engineering College, Perundurai	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
National Level Project Competition	Entrepreneurship/Startup	B - plan competitions	Saintgits College of Engineering, Kerala	Educational Institute	18-02-2019 00:00:00	19-02-2019 00:00:00	2	5	0	5	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**

Seminar	Entrepreneurship/Startup	seminar	Mangayarkarasi Engineering College, Madurai	Educational Institute	29-08-2018 00:00:00	29-08-2018 00:00:00	1	2	0	2	No	---	---	No	---
HCL Hackathon (Artificial Intelligence, Machine Learning )	Entrepreneurship/Startup	Hackathon	HCL Madurai	Corporate / Industry Association	25-08-2018 00:00:00	26-08-2018 00:00:00	2	9	0	9	No	---	---	No	---
Project Contest	Entrepreneurship/Startup	innovation contest	NIRDPR, Hyderabad	Educational Institute	28-08-2018 00:00:00	28-08-2018 00:00:00	1	2	0	2	No	---	---	No	---
Basket ball	Entrepreneurship/Startup	sports	KLNCE, Madurai	Educational Institute	27-08-2018 00:00:00	28-08-2018 00:00:00	2	1	0	1	Yes	First Prize	BasketBall	No	---
Basket Ball	Entrepreneurship/Startup	sports	PTR college of Engineering, Madurai	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	5	0	5	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	Symposium	Jai shriram College of Engineering, Tirupur	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	1	0	1	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	Sri Vidya college of Engineering and Technology	Educational Institute	01-09-2018 00:00:00	01-09-2018 00:00:00	1	4	0	4	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	VCET, Madurai	Educational Institute	03-09-2018 00:00:00	03-09-2018 00:00:00	1	2	0	2	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	Hindustan College of Engineering, Coimbatore	Educational Institute	08-09-2018 00:00:00	08-09-2018 00:00:00	1	2	0	2	No	---	---	No	---
Workshop	Entrepreneurship/Startup	workshop	Sri Eshwar Engineering College, Coimbatore	Educational Institute	08-09-2018 00:00:00	08-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Football Zonals	Entrepreneurship/Startup	sports	Mount Zion College of Engineering and technology	Educational Institute	09-09-2018 00:00:00	09-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
seminar	Entrepreneurship/Startup	seminar	ICT Academy	Educational Institute	10-09-2018 00:00:00	10-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	MAM College of Engineering, Trichy	Educational Institute	10-09-2018 00:00:00	10-09-2018 00:00:00	1	2	0	2	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	SSM Engineering College	Educational Institute	10-09-2018 00:00:00	10-09-2018 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**

Paper Presentation	Entrepreneurship/Startup	symposium	SSM Engineering College	Educational Institute	15-09-2018 00:00:00	15-09-2018 00:00:00	1	2	0	2	Yes	First Prize	ipaper	No	---
Paper presentation	Entrepreneurship/Startup	symposium	MAM College of Engineering, Trichy	Educational Institute	15-09-2018 00:00:00	15-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	SSM Engineering College	Educational Institute	15-09-2018 00:00:00	15-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	symposium	Kalasalingam Institute of Technology	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Paper presentation	Entrepreneurship/Startup	symposium	Hindustan College of Engineering, Coimbatore	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Project presentation	Entrepreneurship/Startup	symposium	PSY College of Engineering	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Basket Ball	Entrepreneurship/Startup	sports	KLNIT, Madurai	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	1	0	1	Yes	First Prize	Basket Ball	No	---
Paper presentation	Entrepreneurship/Startup	symposium	MAM College of Engineering, Trichy	Educational Institute	24-09-2018 00:00:00	24-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
HCL Hackathon	Entrepreneurship/Startup	Hackathon	HCL Madurai	Corporate / Industry Association	25-09-2018 00:00:00	26-09-2018 00:00:00	2	6	0	6	No	---	---	No	---
Project presentation	Entrepreneurship/Startup	symposium	MAM College of Engineering	Educational Institute	11-09-2018 00:00:00	11-09-2018 00:00:00	1	1	0	1	Yes	II Prize	Textrapresents	No	---
Mr. Madurai	Entrepreneurship/Startup	competition	GYM Association	Non-Govt. Agencies	20-10-2018 00:00:00	20-10-2018 00:00:00	1	1	0	1	No	---	---	No	---
Technical Quiz	Entrepreneurship/Startup	Symposium	Alagappa Chettiar Government college of engg and technology, k araikudi	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	2	0	2	Yes	First prize Cash Award Rs.2000	Technical Quiz	No	---
Do or Die	Entrepreneurship/Startup	Symposium	Alagappa chettiar government college of engg and technology, K araikudi	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	1	0	1	Yes	Second prize Cash Award Rs.1500	Do or Die	No	---
Circuit Debugging	Entrepreneurship/Startup	Symposium	MAM college of Engineering and Technology	Educational Institute	01-09-2018 00:00:00	01-09-2018 00:00:00	1	1	0	1	Yes	Second Prize	Circuit Debugging	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**

interdepartmental Idea Contest	Entrepreneurship/Startup	IETE Students Forum	VCET, Madurai	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	2	0	2	Yes	Second Prize	Interdepartmental Idea Contest	No	---
Zonal Tournaments	Entrepreneurship/Startup	Sports	Pandian Saraswathi Yadav Engineering College, Sivagangai	Educational Institute	29-08-2018 00:00:00	29-08-2018 00:00:00	1	1	0	1	Yes	First Prize	Tennis	No	---
Zonal Tournaments	Entrepreneurship/Startup	Sports	VCET	Educational Institute	20-08-2018 00:00:00	21-08-2018 00:00:00	2	1	0	1	Yes	Second Prize	Ball Badminton	No	---
Technical Quiz	Entrepreneurship/Startup	Intelligence 2k18	VCET, Madurai	Educational Institute	01-07-2018 00:00:00	01-07-2018 00:00:00	1	1	0	1	Yes	First Prize	Technical Quiz	No	---
Paper Presentation	Innovation	Symposium	Karpagam Institute of Technology, Coimbatore	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	1	0	1	Yes	First Prize	Innovative Mind	No	---
Paper Presentation	Innovation	Symposium	Jai Shriram Engineering College, Tirupur	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	1	0	1	Yes	Second Prize	Eye Detected Wheel Chair	No	---
Just A Minute	Entrepreneurship/Startup	Symposium	P. S. R. Engineering College	Educational Institute	25-01-2019 00:00:00	25-01-2019 00:00:00	1	1	0	1	Yes	Second Prize	Just A Minute	No	---
Paper Presentation	Innovation	Symposium	P. S. R. Engineering College	Educational Institute	25-01-2019 00:00:00	25-01-2019 00:00:00	1	1	0	1	No	---	---	No	---
12 weeks NPTEL MOOC on Joy of Computing Using Python	Entrepreneurship/Startup	Certification Course	NPTEL	Govt. Agency (Central)	01-01-2019 00:00:00	30-04-2019 00:00:00	12	0	1	1	Yes	Top 1 percentage position	Joy of Computing Using Python	No	---
12 weeks NPTEL MOOC on Principles of Communication Systems	Entrepreneurship/Startup	Certification Course	NPTEL	Govt. Agency (Central)	01-01-2019 00:00:00	30-04-2019 00:00:00	12	0	1	1	Yes	Top 5 percentage position	Principles of Communication Systems	No	---
8 weeks NPTEL MOOC on Cloud Computing	Entrepreneurship/Startup	Certification Course	NPTEL	Govt. Agency (Central)	01-02-2019 00:00:00	30-04-2019 00:00:00	89	0	1	1	No	---	---	No	---
12 weeks NPTEL MOOC on Privacy and Security in Online Social Media	Entrepreneurship/Startup	Certification Course	NPTEL	Govt. Agency (Central)	01-01-2019 00:00:00	30-04-2019 00:00:00	12	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**

One week STTP on Social Network Analysis using Bigdata In cloud	Entrepreneurship/Startup	Certification Course	Mepco Schlenk Engineering College, Sivakasi	Educational Institute	21-05-2018 00:00:00	25-05-2018 00:00:00	5	0	1	1	No	---	---	No	---
One week FDP titled Pedagogical Innovations and Best Practices for Skill based Academic Leadership	Innovation	FDP	KLN College of Information Technology, Madurai	Educational Institute	07-05-2018 00:00:00	12-05-2018 00:00:00	6	0	4	4	No	---	---	No	---
Entrepreneurship Development	Entrepreneurship/Startup	FDP	Velammal College of Engineering and Technology, Madurai	Educational Institute	08-11-2018 00:00:00	24-11-2018 00:00:00	17	0	5	5	No	---	---	No	---
ICMR sponsored seven days National Workshop on Deep Learning Applications in Medical Image Processing	Entrepreneurship/Startup	Workshop	KLN College of Information Technology, Madurai	Educational Institute	14-11-2018 00:00:00	20-11-2018 00:00:00	7	0	4	4	No	---	---	No	---
Project Presentation	Entrepreneurship/Startup	Project Presentation	Anna University Chennai	Educational Institute	03-10-2018 00:00:00	03-10-2018 00:00:00	1	3	0	3	No	---	---	No	---
Paper Presentation	Entrepreneurship/Startup	Students Symposium	Mepco Schlenk Engineering College, Sivakasi	Educational Institute	08-02-2019 00:00:00	09-02-2019 00:00:00	2	16	0	16	No	---	---	No	---
TIE Hackathon 2018	Innovation	Hackathon	Dr. G. R. Damodaran College of Science, Coimbatore	Educational Institute	29-09-2018 00:00:00	30-09-2018 00:00:00	2	3	0	3	No	---	---	No	---
Agri Business Plan Competition	Innovation	Project Presentation	Agricultural College and Research Institute, Madurai	Govt. Agency (State)	20-01-2019 00:00:00	20-01-2019 00:00:00	1	2	0	2	No	---	---	No	---
Technical Events	Entrepreneurship/Startup	Students Symposium	Mepco Schlenk Engineering College, Sivakasi	Educational Institute	08-02-2019 00:00:00	09-02-2019 00:00:00	2	18	0	18	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**

Internet Of Things With IBM Cloud Followed by 30 Hours Hackathon	Innovation	Workshop	Kalasalingam Academy Of Research And Education Krishnan Kovil, Virudhunagar District	Educational Institute	08-08-2018 00:00:00	12-08-2018 00:00:00	5	4	0	4	No	---	---	No	---
Recent Trends And Research Challenges In Deep Learning	Entrepreneurship/Startup	Workshop	Thiagarajar College Of Engineering, Madurai	Educational Institute	30-08-2018 00:00:00	31-08-2018 00:00:00	2	5	0	5	No	---	---	No	---
Students Symposium	Entrepreneurship/Startup	Workshop	National Institute Of Technology, Tiruchirapalli	Educational Institute	01-02-2019 00:00:00	03-02-2019 00:00:00	3	22	0	22	No	---	---	No	---
Design Contest	Innovation	INNOVATION CONTEST	CADD Centre, Madurai	Non-Govt. Agencies	10-07-2018 00:00:00	10-07-2018 00:00:00	1	5	0	5	Yes	First Prize	Design your Destiny	No	---
INNOWAR	IPR	Paper Presentation	VIT, Chennai	Educational Institute	11-08-2018 00:00:00	11-08-2018 00:00:00	1	3	0	3	Yes	III Prize	Innowar	No	---
BAJA SAEINDIA 2019	Innovation	Virtual Design Contest	CHITKARA UNIVERSITY, PUNJAB	Educational Institute	13-07-2018 00:00:00	14-07-2018 00:00:00	2	25	0	25	No	---	---	No	---
TANSCST (Student Project Scheme)	Innovation	Project Presentation	Tamilnadu State Council for Science and Technology, Chennai	Educational Institute	16-07-2018 00:00:00	16-07-2018 00:00:00	1	43	0	43	No	---	---	No	---
Dr. Pradeep P. Thevanoor Innovation Award 2018	Innovation	Project Presentation	SEMS College of Engineering, Kerala	Educational Institute	17-11-2018 00:00:00	17-11-2018 00:00:00	1	4	0	4	Yes	II Prize	Dr. Pradeep P. Thevanoor Innovation Award 2018	No	---
Dr. Pradeep P. Thevanoor Innovation Award 2018	Innovation	Project Presentation	SEMS College of Engineering, Kerala	Educational Institute	17-11-2018 00:00:00	17-11-2018 00:00:00	1	5	0	5	No	---	---	No	---
Buoyanci Product Innovation Challenge 2018	Innovation	Project Presentation	Online Competition	Educational Institute	23-10-2018 00:00:00	23-10-2018 00:00:00	1	2	0	2	Yes	Winners	Buoyanci Product Innovation Challenge 2018	No	---
Incubation Center, Hackathon 2018	Innovation	Project Presentation	IIT, Patna	Educational Institute	09-10-2018 00:00:00	09-10-2018 00:00:00	1	3	0	3	Yes	II Prize	Incubation Center, Hackathon 2k18	No	---
Vahana V3 Symposium 2018	Innovation	Paper Presentation	Hindustan College of Engineering and Technology, Coimbatore	Educational Institute	09-09-2018 00:00:00	09-09-2018 00:00:00	1	6	0	6	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**

VahanaV3 Symposium 2018	Innovation	Auto Doctor	Hindustan College of Engineering and Technology, Coimbatore	Educational Institute	09-09-2018 00:00:00	09-09-2018 00:00:00	1	2	0	2	Yes	II Prize	VahanaV3 Symposium 2018	No	---
Dr. KALAM YOUNG ACHIEVER AWARD 2018	Innovation	Project Presentation	WORLD YOUTH FEDERATION	Educational Institute	19-10-2018 00:00:00	19-10-2018 00:00:00	1	2	0	2	Yes	1 prize	Dr. KALAM YOUNG ACHIEVER AWARD 2018	No	---
DST Sponsored Student Start-Up NIDHI Project 2018	Innovation	Project Presentation	Department of Science and Technology and IEDC	Educational Institute	19-09-2018 00:00:00	19-09-2018 00:00:00	1	3	0	3	Yes	1 Prize	DST Sponsored Student Start-Up NIDHI Project 2018	No	---
AAKRUTI 2018	Innovation	Project Presentation	DASSAULT SYSTEMES, PUNE	Educational Institute	16-10-2018 00:00:00	16-10-2018 00:00:00	1	2	0	2	No	---	---	No	---
IEEE	Innovation	Paper Presentation	VCET, Madurai	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
NDRF	Innovation	Project Presentation	GOI	Educational Institute	28-09-2018 00:00:00	28-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
ICT Academy Student Innovator Award	Innovation	Project Presentation	CADD ACADEMY	Educational Institute	30-09-2018 00:00:00	30-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Vishwakarma Awards	Innovation	Project Presentation	AICTE ISTE ECI, New Delhi	Educational Institute	22-01-2019 00:00:00	22-01-2019 00:00:00	1	2	1	3	Yes	winners	BEET HARVESTER ( Project Presentation )	No	---
DETONO 2K19	Innovation	Paper Presentation	SRM University	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	3	0	3	Yes	III prize	Paper Presentation	No	---
Cogniz 19	Innovation	Paper Presentation	Bishop Jerome Institute	Educational Institute	18-02-2019 00:00:00	18-02-2019 00:00:00	1	2	0	2	Yes	I Prize	Paper Presentation	No	---
Cogniz19	Innovation	Talent De Presentation	Bishop Jerome Institute, Kollam	Educational Institute	18-02-2019 00:00:00	18-02-2019 00:00:00	1	1	0	1	Yes	I Prize	Talent De Presentation	No	---
Daksha 2k19	Innovation	Paper Presentation	Sastra University	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	6	0	6	No	---	---	No	---
Pro	Innovation	Paper Presentation	NRDC, New Delhi	Govt. Agency (Central)	05-03-2019 00:00:00	05-03-2019 00:00:00	1	3	1	4	No	---	---	No	---
Software Testing Tool Selenium	Innovation	Innovation	Velammal College of Engineering and Technology	Educational Institute	10-07-2019 00:00:00	12-07-2019 00:00:00	3	45	2	47	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**

Project context	Innovation	symposium	PSNA College of Engineering and Technology	Educational Institute	16-03-2019 00:00:00	16-03-2019 00:00:00	1	17	0	17	No	---	---	No	---
Conference	Innovation	Recent Trends in Engineering Technology and Management (ICRETM)	Coimbatore Institute of Engineering and Technology	Educational Institute	29-03-2019 00:00:00	30-03-2019 00:00:00	2	3	0	3	No	---	---	No	---
Project contest	Innovation	Symposium	K.L.N.College of information Technology	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Project contest	Innovation	Symposium	P.S.R. Engineering college	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
conference	Innovation	Emerging trends in engineering design and manufacturing ETEDM 2019	Hindusthan institute of technology coimbatore	Educational Institute	22-03-2019 00:00:00	22-03-2019 00:00:00	1	8	0	8	No	---	---	No	---
Project Contest	Innovation	IEEE	Kalasalingam Academy of Research and Education	Educational Institute	23-03-2019 00:00:00	23-03-2019 00:00:00	1	14	0	14	No	---	---	No	---
Project Contest	Innovation	IEEE	Velammal College of Engineering and Technology	Educational Institute	23-02-2019 00:00:00	23-02-2019 00:00:00	1	12	0	12	No	---	---	No	---
Conference	Innovation	Conference	Al-Ameen Engineering College Erode	Educational Institute	23-03-2019 00:00:00	23-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
Workshop on Writing a Technical Research paper	Innovation	Workshop	Rathinam school of Architecture, Coimbatore	Educational Institute	02-03-2019 00:00:00	02-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
project expo YANTRIK - 2018	Innovation	project expo	KPR institute of engineering and technology, coimbatore	Educational Institute	28-02-2019 00:00:00	01-03-2019 00:00:00	2	3	0	3	No	---	---	No	---
conference	Innovation	national conference on sustainable energy sources	Selvam college of engineering, namakka	Educational Institute	15-03-2019 00:00:00	16-03-2019 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**

Symposium	Innovation	Project contest	Care Group of Institute Tirchy	Educational Institute	13-02-2019 00:00:00	13-02-2019 00:00:00	1	2	0	2	Yes	Won First Prize	IoT Based Fire Extinguishing system with visual surveillance	No	---
Conference - Automatic Lawn Mower (MOWBOT)	Innovation	Conference- Automatic Lawn Mower (MOWBOT)	P.S.Y college of Engineering	Educational Institute	15-03-2019 00:00:00	16-03-2019 00:00:00	2	6	0	6	No	---	---	No	---
project contest - symposium	Innovation	symposium	RVS college of engineering and technology, coimbatore	Educational Institute	13-03-2019 00:00:00	13-03-2019 00:00:00	1	7	0	7	No	---	---	No	---
project presentation	Innovation	SYMPOSIUM	SNS college of engineering and technology	Educational Institute	27-02-2019 00:00:00	28-02-2019 00:00:00	2	7	0	7	No	---	---	No	---
Project Presentation symposium	Innovation	symposium	Karunya Institute of Technology And Sciences	Educational Institute	27-03-2019 00:00:00	27-03-2019 00:00:00	1	3	0	3	Yes	First Prize	Design of a multilevel inverter using a single DC source	No	---
Conference	Innovation	Conference	Mangayarkarasi College Of Engineering	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
National Level Project Expo Technovision 19	Innovation	National Level Project Expo Technovision 19	PSNA College of Engineering and Technology Dindigul	Educational Institute	16-03-2019 00:00:00	16-03-2019 00:00:00	1	3	0	3	Yes	First Prize	An Intelligent Vehicle Control system using IoT	No	---
Symposium Project contest	Innovation	Project contest	Care Group of Institute Tirchy	Educational Institute	13-02-2019 00:00:00	13-02-2019 00:00:00	1	1	0	1	Yes	First prize	IoT Based Fire Extinguishing system with visual surveillance	No	---
Project Contest	Innovation	Project Contest	Kalasalingam Academy of Research and Education	Educational Institute	23-03-2019 00:00:00	23-03-2019 00:00:00	1	3	0	3	Yes	Second prize	Intelligent Path Tracking Pick and Place Robot with Android Interface	No	---
Internship	Entrepreneurship/Startup	Precast building	Shoba Developers Pvt Ltd	Corporate / Industry Association	17-12-2018 00:00:00	31-01-2019 00:00:00	46	5	0	5	No	---	---	No	---

**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
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IEEE Activities	Innovation	FDP	PhD	07-09-2018 00:00:00	12-02-2019 00:00:00	159	Offline	138	138	32
Association Activities	Innovation	Short term Certificate	Bachelor	17-08-2018 00:00:00	20-08-2018 00:00:00	4	Offline	128	128	31
Microcontroller based system design	Innovation	Elective/Core Credit Course	Bachelor	02-07-2018 00:00:00	17-10-2018 00:00:00	108	Offline	121	112	60
Special Electrical Machines	Innovation	Elective/Core Credit Course	Bachelor	02-07-2018 00:00:00	17-10-2018 00:00:00	108	Offline	121	117	60
Power Electronics for Renewable Energy Sources	Innovation	Elective/Core Credit Course	Bachelor	10-12-2018 00:00:00	29-03-2019 00:00:00	110	Offline	121	121	60
Advanced Control Systems	Innovation	Elective/Core Credit Course	Bachelor	02-07-2018 00:00:00	17-10-2018 00:00:00	108	Offline	54	54	60
Power System Transients	Innovation	Elective/Core Credit Course	Bachelor	02-07-2018 00:00:00	17-10-2018 00:00:00	108	Offline	59	55	60
Power Quality	Innovation	Elective/Core Credit Course	Bachelor	10-12-2018 00:00:00	29-03-2019 00:00:00	110	Offline	59	59	60
Biomedical Instrumentation	Innovation	Elective/Core Credit Course	Bachelor	10-12-2018 00:00:00	29-03-2019 00:00:00	110	Offline	62	57	60
Entrepreneurship Awareness camp-1	Entrepreneurship/Startup	EDP	Bachelor	01-08-2018 00:00:00	07-08-2018 00:00:00	7	Offline	75	75	48
Entrepreneurship Awareness camp 2	Entrepreneurship/Startup	EDP	Bachelor	08-08-2018 00:00:00	16-08-2018 00:00:00	9	Offline	75	75	72
Entrepreneurship Awareness camp 3	Entrepreneurship/Startup	EDP	Bachelor	17-08-2018 00:00:00	24-08-2018 00:00:00	8	Offline	75	75	64
Entrepreneurship Awareness camp 4	Entrepreneurship/Startup	EDP	Bachelor	25-08-2018 00:00:00	28-08-2018 00:00:00	4	Offline	75	75	32
Entrepreneur Development Programme 1	Entrepreneurship/Startup	FDP	Bachelor	08-11-2018 00:00:00	24-11-2018 00:00:00	17	Offline	22	22	136
Entrepreneur Development Programme 2	Entrepreneurship/Startup	FDP	Bachelor	29-08-2018 00:00:00	05-10-2018 00:00:00	38	Offline	28	28	304
Technology based Entrepreneur Development Programme	Entrepreneurship/Startup	EDP	Bachelor	02-01-2019 00:00:00	14-02-2019 00:00:00	44	Offline	25	25	352
CS8691 Artificial Intelligence	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Offline	230	210	45
MG6088 Software Project Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Offline	116	115	45
CS6008 Human Computer Interaction	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Offline	116	110	45
Resource Management Techniques	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Offline	116	97	45
IITB spoken tutorial online test on JAVA	Entrepreneurship/Startup	Short term Certificate	Bachelor	08-01-2019 00:00:00	08-01-2019 00:00:00	1	Online	92	65	30
IITB spoken tutorial online test on PYTHON	Entrepreneurship/Startup	Short term Certificate	Bachelor	20-03-2019 00:00:00	25-03-2019 00:00:00	6	Online	99	56	30
LEAN SIX SIGMA GREEN BELT	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	28-01-2019 00:00:00	31-01-2019 00:00:00	4	Offline	12	12	32

MG 6071 Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	67	65	45
MG 6072 Marketing Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	30	28	45
MG6851 Principle of Management	Entrepreneurship/Startup	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	166	165	45
IE 6605 Production Planning and Control	Entrepreneurship/Startup	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	56	50	45
MG 6863 Engineering Economics	Entrepreneurship/Startup	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	123	116	45
ME 6811 Project Work	Innovation	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	123	123	60
ME 6612 Design Fabrication Project	Innovation	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	109	109	60
CS6811 Project Work	Innovation	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	15-03-2019 00:00:00	87	Offline	116	116	180
CS6601 Distributed Systems	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-12-2018 00:00:00	18-03-2019 00:00:00	90	Offline	114	102	45
MG6851 Principle of Management	Entrepreneurship/Startup	Full time Program	Bachelor	17-12-2018 00:00:00	18-03-2019 00:00:00	92	Offline	60	58	45
CE8391 CONSTRUCTION MATERIALS	Entrepreneurship/Startup	Full time Program	Bachelor	03-07-2018 00:00:00	03-10-2018 00:00:00	93	Offline	68	60	45
CE8401 CONSTRUCTION TECHNIQUES AND PRACTICES	Entrepreneurship/Startup	Full time Program	Bachelor	03-07-2018 00:00:00	03-10-2018 00:00:00	93	Offline	67	58	45
CE8404 CONCRETE TECHNOLOGY	Entrepreneurship/Startup	Full time Program	Bachelor	03-07-2018 00:00:00	03-10-2018 00:00:00	93	Offline	60	48	45
CE6712 Design Project	Innovation	Full time Program	Bachelor	03-07-2018 00:00:00	03-10-2018 00:00:00	93	Offline	60	60	45

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

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?												
IEDC	Pre-Incubation Centre	2015	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-625 009, TAMILNADU	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms B.Kiruthiga</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asl@vcet.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8903281583</td> </tr> </table>	Facility Incharge Name	Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms B.Kiruthiga	Facility Incharge Email	asl@vcet.ac.in	Facility Incharge Phone	8903281583	180 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>505000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>309337</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	505000	Annual Operational Expenditure (In Rupees)	309337	No
Facility Incharge Name	Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms B.Kiruthiga																		
Facility Incharge Email	asl@vcet.ac.in																		
Facility Incharge Phone	8903281583																		
Yes																			
Annual Capital Expenditure (In Rupees)	505000																		
Annual Operational Expenditure (In Rupees)	309337																		

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

Texas Innovation Lab	Centre of Excellence with Advance Tools & Equipment	2017	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY,MADURAI-625 009, TAMILNADU	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. R.J. Venkatesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rjv@vcet.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9283302578</td> </tr> </table>	Facility Incharge Name	Mr. R.J. Venkatesh	Facility Incharge Email	rjv@vcet.ac.in	Facility Incharge Phone	9283302578	50 Sq. Mtr.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>74915</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	74915	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Mr. R.J. Venkatesh																		
Facility Incharge Email	rjv@vcet.ac.in																		
Facility Incharge Phone	9283302578																		
Yes																			
Annual Capital Expenditure (In Rupees)	74915																		
Annual Operational Expenditure (In Rupees)	0																		
Rewinding Lab	Incubation Unit	2016	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY,MADURAI-625 009, TAMILNADU	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Shunmugalatha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asl@vcet.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8903281583</td> </tr> </table>	Facility Incharge Name	Dr. A. Shunmugalatha	Facility Incharge Email	asl@vcet.ac.in	Facility Incharge Phone	8903281583	50 Sq. Mtr.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>10000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>10000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	10000	Annual Operational Expenditure (In Rupees)	10000	No
Facility Incharge Name	Dr. A. Shunmugalatha																		
Facility Incharge Email	asl@vcet.ac.in																		
Facility Incharge Phone	8903281583																		
Yes																			
Annual Capital Expenditure (In Rupees)	10000																		
Annual Operational Expenditure (In Rupees)	10000																		
EDC	Pre-Incubation Centre	2015	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY,MADURAI-625 009, TAMILNADU	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms.B.Kiruhiga</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asl@vcet.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8903281583</td> </tr> </table>	Facility Incharge Name	Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms.B.Kiruhiga	Facility Incharge Email	asl@vcet.ac.in	Facility Incharge Phone	8903281583	180 Sq. Mtr.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>379000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>711150</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	379000	Annual Operational Expenditure (In Rupees)	711150	No
Facility Incharge Name	Dr. A. Shunmugalatha Dr.R.Nar matha Banu Ms.B.Kiruhiga																		
Facility Incharge Email	asl@vcet.ac.in																		
Facility Incharge Phone	8903281583																		
Yes																			
Annual Capital Expenditure (In Rupees)	379000																		
Annual Operational Expenditure (In Rupees)	711150																		
R&D	Research Park/Innovation Park	2011	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY,MADURAI-625 009, TAMILNADU	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Shunmugalatha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asl@vcet.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8903281583</td> </tr> </table>	Facility Incharge Name	Dr. A. Shunmugalatha	Facility Incharge Email	asl@vcet.ac.in	Facility Incharge Phone	8903281583	50 Sq. Mtr.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>872000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>304025</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	872000	Annual Operational Expenditure (In Rupees)	304025	No
Facility Incharge Name	Dr. A. Shunmugalatha																		
Facility Incharge Email	asl@vcet.ac.in																		
Facility Incharge Phone	8903281583																		
Yes																			
Annual Capital Expenditure (In Rupees)	872000																		
Annual Operational Expenditure (In Rupees)	304025																		



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

Center of Excellence- Internet of Things Laboratory	Centre of Excellence with Advance Tools & Equipment	2017	Department of ECE, Velammal College of Engineering and Technology, Velammal Nagar Madurai	Facility Incharge Name	Dr A.Babu Karuppai ah	600 Sq. Ft.	Yes		No
				Facility Incharge Email	abk@vcet .ac.in		Annual Capital Expenditure (In Rupees)	567000	
				Facility Incharge Phone	99424685 19		Annual Operational Expenditure (In Rupees)	0	
MSME CIPD Business Incubator	Incubation Unit	2014	Department of Mechanical Engineering, Velammal College of Engineering and Technology	Facility Incharge Name	Dr.G.Man ikandan	2400 Sq. Ft.	Yes		No
				Facility Incharge Email	gmk@vce t.ac.in		Annual Capital Expenditure (In Rupees)	4227000	
				Facility Incharge Phone	96003756 00		Annual Operational Expenditure (In Rupees)	0	

### 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)
IEDC	Funding Agency	DST	Govt. Agency (Central)	Yes	800000
Texas Innovation Lab	Funding Agency	Texas Instruments	Corporate / Industry Association	No	---
Rewinding Lab	Institute's Own Fund / Resource	---	---	No	---
EDC	Funding Agency	DST	Govt. Agency (Central)	Yes	790000
R&D	Institute's Own Fund / Resource	---	---	Yes	872000

### 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?
Smart Energy Meter	IEDC	TRL 3 : Applied research. First laboratory tests completed; proof of	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of	Yes	No	No

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<b>Principal Innovator</b>													
Name		Type		Gender		Email		Contact					
Dr.A.Shunmugalatha		Faculty		Female		asl@vcet.ac.in		8903281583					
<b>Co-Innovator</b>													
Name		Type		Gender		Email		Contact					
Dr.A.Radhika		Faculty		Female		ark@vcet.ac.in		9524380336					
S.Shanmugamani		Student		Male		ershanmuvcet@gmail.com		8220316481					
C.Manoj		Student		Male		manojcmaiah1999@gmail.com		9543958034					
K.V.Priyadharsan		Student		Male		jaismarkv@gmail.com		7104698089					
Design and Development of power converters for Solar powered water pumping system	IEDC	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<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>100000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	No	No
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IoT based Green house monitoring with solar pump	IEDC	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td data-bbox="1646 949 1816 992">Yes</td> </tr> <tr> <td data-bbox="1646 992 1816 1220">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1220 1816 1257">100000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	No	No																																
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Hybrid Solar Energy System	<b>Co-Innovator</b>									
	Name		Type		Gender		Email		Contact	
	P.Vigneshwaran		Student		Male		vigneshwarck07@gmail.com		9943425197	
	B.Karthick kumar		Student		Male		karthickkumare1702349@gmail.com		7639028928	
	Harisankar		Student		Male		harisankarmdu1@gmail.com		7010154195	
	IEDC	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 100000	No	No
Hybrid Solar Energy System	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Dr.S.Dhanalakshmi		Faculty		Female		dhanam126@gmail.com		9443214082	
	<b>Co-Innovator</b>									
	Name		Type		Gender		Email		Contact	
Christon Fredrick.D		Student		Male		christon.fredrick@gmail.com		9677529003		
Balaji.B		Student		Male		balajibaskar001@gmail.com		9943827242		
Yogeshwaran.M		Student		Male		myogeshwaran001@gmail.com		8056562256		

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Gesture Control Smart System for Deaf and Dumb People	IEDC	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<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>100000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	No	No																											
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IOT application in agriculture field	R&D	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.	Yes	No	No									
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Dr.N.KARPAGAM	Faculty	Female	n.karpagam@vcet.ac.in	9486454656															
Pearl Millet removing Machine	IEDC	TRL 5 : Large scale prototype tested in intended environment.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 4104 6532</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 4104 6532	Year of Patent Application	2018	Completed and Commercialize as Satrap/Company	TRL 5 : Large scale prototype tested in intended environment.	Yes	No	No	
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<b>Principal Innovator</b>				
Name	Type	Gender	Email	Contact
AJITHKUMAR M	Student	Male	ajithmuthu799@gmail.com	9789631648

  

<b>Co-Innovator</b>				
Name	Type	Gender	Email	Contact
VISWANATHAN R	Student	Male	viswaram2607@gmail.com	8248713895
MOHANPRAKASH J	Student	Male	mohanprakash@gmail.com	9952199767
Dr.V.Anbumalar	Faculty	Male	dranbumalarv@gmail.com	9486485148

Natural Sisal fiber reinforced hybrid composite chairs and construction bricks	R&D	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2014	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes		No	No
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No							
					Year of Patent Application					437500		

<b>Principal Innovator</b>				
Name	Type	Gender	Email	Contact
R.Karthick	Faculty and Student	Male	rkk@vcet.ac.in	09952517223

  

<b>Co-Innovator</b>				
Name	Type	Gender	Email	Contact
M.Aruna	Faculty	Female	maruna9@gmail.com	944204334

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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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<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
C.Mathan			Faculty		Male		prkanna@gmail.com		08220717697	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
P.Rajesh Kanna			Faculty		Male		prkanna@gmail.com		9942369531	

Semi-Automatic dish washer for Indian utensils	R&D	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2014	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	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>350000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	350000	No	No
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<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
R.Athava moothy			Student		Male		prkanna@gmail.com		9600369126	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
P. Rajesh Kanna			Faculty		Male		prkanna@gmail.com		9942369531	

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Mechanized step in automatic flushing system without sensor and spring platform (include mobile urinals).	R&D	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2014	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No																				
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<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
R.N.Ramprasath			Student		Male		aml@vcet.ac.in		08903208978	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
A. Mothilal			Faculty		Male		aml@vcet.ac.in		9790100446	

Semi-Automatic rubber tapping machine.	R&D	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2014	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		No	No
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### Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up 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 Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
KAVM Productions	IEDC	2018-19	Private Limited	U29309TN2019P	Faculty and		Receiving	No		No	No

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<b>Founder</b>																					
Name		DIN Number		Type		Gender		Email		Contact											
Anbumalar Veerabathiran		08482107		Faculty		Male		dranbumalarv@gmail.com		9486485148											
<b>Co-Founder</b>																					
Name		DIN Number		Type		Gender		Email		Contact											
Viswanathan Ramarpandi		08482108		Student		Male		viswaram2607@gmail.com		8248713895											
Ajith Kumar		08566685		Student		Male		ajithmuthu799@gmail.com		9789631648											

## Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	BIRAC	Incubation,Mentoring,Investment,Seed fund	1	28-06-2018
Incubation Services/Support Received from Other Institute/Incubator	Sri Lakshmi Mills	Pre-incubation	3	22-02-2019

## Co-Incubation Partnership

Incubation Services/Support Received from Other Institute/Incubator	Mithun Metals	Pre-incubation	3	22-02-2019
Incubation Services/Support Received from Other Institute/Incubator	Intelligence Quality	Pre-incubation	74	11-08-2017
Incubation Services/Support Received from Other Institute/Incubator	3D Makers CAD Academy	Pre-incubation	112	01-02-2016
Incubation Services/Support Received from Other Institute/Incubator	System and Automation	Pre-incubation,Seed fund	4	22-09-2017
Incubation Services/Support Received from Other Institute/Incubator	Optimaheat Technologies	Pre-incubation,Mentoring	10	31-12-2015
Incubation Services/Support Received from Other Institute/Incubator	Madurai District Tiny and Small Scale Industries Association MADITISSIA	Mentoring,Networking	06	16-05-2017
Incubation Services/Support Received from Other Institute/Incubator	Texas Instruments TI	Mentoring,Seed fund	16	14-10-2017
Incubation Services/Support Received from Other Institute/Incubator	Madurai Productivity Council MPC	Mentoring,Networking	02	28-09-2016
Incubation Services/Support Received from Other Institute/Incubator	Velammal Educational Trust VET	Mentoring,Networking	02	30-09-2016
Incubation Services/Support Received from Other Institute/Incubator	Tesla minds Chennai	Incubation,Mentoring,Networking	10	15-05-2019
Incubation Services/Support Received from Other Institute/Incubator	Enthu Technologies Solutions India Private Limited	Pre-incubation,Mentoring,Networking	20	31-08-2017

## Technology Commercialization / Transfer

**No Data Filled!**

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