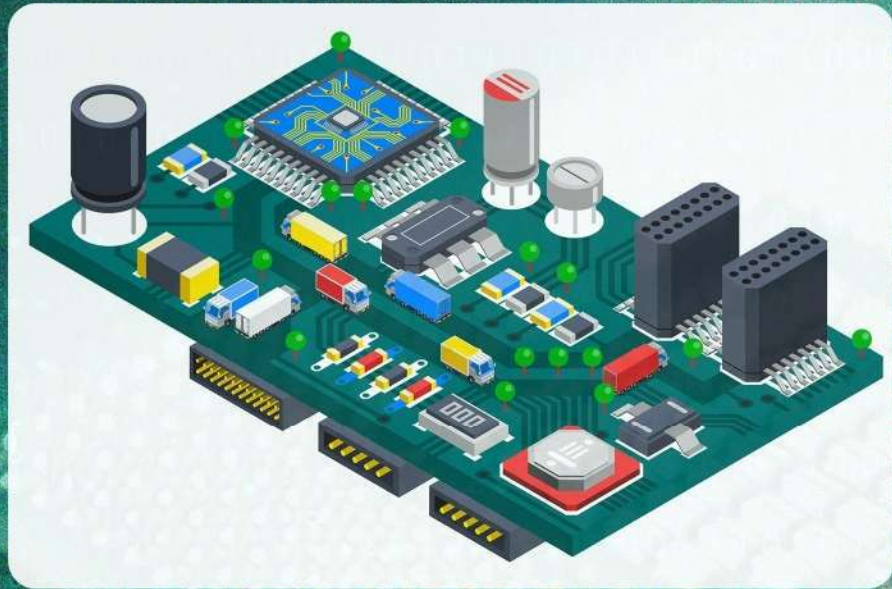




AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

**THE OFFICIAL NEWSLETTER OF
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VOLUME 4 ISSUE 1 -2023**

CIRCUIT NEWS



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



ACCREDITED BY NAAC



APPROVED BY AICTE



RECOGNIZED BY DSIR

CIRCUIT NEWS
THE OFFICIAL NEWSLETTER OF
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VOLUME 4,ISSUE 1,2023

CHIEF EDITOR

Dr. L. Chitra. Professor & HoD / EEE

EDITORIAL TEAM

Dr. K. Boopthy., Professor / EEE

Mr. S. Prakash., Assistant Professor(Gr-II) / EEE

Mr. V. Rattan Kumar., Assistant Professor(Gr-II) / EEE

Ms. P. Poornima., Assistant Professor(Gr-II) / EEE

Ms. K.S. Kavitha Kumari., Assistant Professor(Gr-II) / EEE

Ms. Vanitha R., Assistant Professor(Gr-II) / EEE

CONTENTS

S. NO	DETAILS	PAGE NO
1.	Messages	1
2.	About the Department	2
3.	Vision and Mission of the Department	3
4.	List of Laboratories	3
5.	Co-curricular activities	4
6.	Department activities	7
7.	Faculties Achievements	15
8.	Patent Filed	22
9.	Institute-Industry Collaboration	23
10.	Awards For Innovation By Institution/Teachers/Students	26
11.	Placements	34



Message from the Principal's Desk



I have great pleasure in conveying my best wishes to the Department of Electrical and Electronics Engineering for releasing the newsletter “CIRCUIT NEWS”. The most important aspect which could be derived from this stupendous effort is that it brings out the various technical and analytical skills of the budding engineers.

It also helps the department in building up teamwork which is very much needed today in the competitive world. This enhances the documentation culture of the department. I wish them to experience victory in all of their future endeavour.

Message from the Deputy Registrar's Desk



I am happy that the department of Electrical and Electronics Engineering is bringing out the newsletter” CIRCUIT NEWS”. This Newsletter will definitely help to showcase the activities that are happening in the department. It provides a platform for exposing the merits and academic achievements of the faculty and students. This would definitely create an impact in the minds of the readers, by providing larger visibility and dimension to the department. I hope that this culture of releasing Newsletter continues further. Also my heartfelt congratulations to the staff members for their fruitful effort.

Message from the HoD's Desk



It gives me immense pleasure to lead the department of Electrical and Electronics Engineering. The primary focus of the department is to empower our students in all aspects. We provide opportunities for the students to participate in various competitions and technical events. This newsletter is an effort to highlight the achievements of the department. I wish good luck to the entire team of the faculty members and looking forward to your kind patronage to our newsletter.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 1998. The Department offers Full time undergraduate course in the Electrical and Electronics Engineering and Mechatronics Engineering. The Department also offers part-time under graduate course in Electrical and Electronics Engineering and a post graduate course in Power System Engineering.

The Department has been organizing a cascade of seminars, guest lectures, workshops, symposia, conferences, industrial visits, in-plant training, inter collegiate programmes from time to time for the benefit of the faculty members and students through its Technical Association – EEESA (Electrical and Electronics Engineering Student Association) and professional bodies like the IEEE Power and Energy Society, IEEI. The Department also coordinates the IEEE Student Branch with students of all the branches as its members. The thrust area of research of the department is Renewable Energy, Power Electronics and Drives Control, Power system and automation. The department has Centre of Excellence for Solar Energy. The Department also take cares of the operation and maintenance of 126 kWp Grid Connected Solar Power Plant which supplies around 600 Units per day.

The Department has signed a MoU with many leading industrial firms for the benefit of the faculty, student's project work and in-plant training. The Faculty Members are well qualified with inherent experience in

both teaching and research. The department has received the fund of Rs.1,50,000 from Ministry of New Renewable Energy Sources (MNRE) for National Conference on Emerging Trends in New Renewable Energy Sources. A project proposal titled "Preventive Women's Safety App for location based alerting" worth Rs. 13,22,520 was approved under the scheme of Science and Technology for women(DST). A fund of Rs.1,00,000 was sanctioned to the department from Unnat Bharat Abhiyan, Ministry of Human Resource Development for Mobile Reverse osmosis based water purification system using Solar PV source for rural India. Also a fund of Rs.50,000 was received from Unnat Bharat Abhiyan, Ministry of Human Resource Development for DC Micro Grid based Solar PV generation to supply power to street lamp and common utilities in a village.

Our University appreciated us for developing the Nursing Robot named V2Buddy in association with Ganesan Innovation and Entrepreneur Cell with the student team for assisting Doctors and Nurses especially for the corona isolation wards. The students were mentored in preparing three Nursing Robots and we also got appreciation from the Chief Minister, Pondicherry and also from Director, Govt. Hospital, Chennai and Dean, AVMC during the delivery of Robots. Students procured various awards in the National and International Events organised by IISER, MHRD, IITM, UPES, AICTE, NIC, IEEI, IEEE, ISTE, etc.,

VISION

To carry out research and development in the areas of alternate and renewable energy technologies and contribute to the energy self- sufficiency.

MISSION

- ❖ To develop human resource to pursue cutting-edge and futuristic research in energy technologies.
- ❖ To develop trained human resource to cater the needs of existing and emerging renewable energy industries.
- ❖ To become the nodal centre to deliver consultancy and offer expertise to industries
- ❖ To emerge as hub for technology development, incubation and validation

LIST OF LABORATORIES

1. Cloud Enabled Central Research Facility (Siemens DCS COMOS Integrated Engineering)
2. Renewable Energy Lab
3. Control & Instrumentation Lab
4. Power Electronics & Drives Lab
5. Basic Electrical Engineering Lab
6. Mechatronics Lab
7. Circuits & Devices Lab
8. Microprocessors & Microcontrollers Lab
9. Electrical Machines Lab
10. Simulation Lab

CO-CURRICULAR ACTIVITIES

EMPLOYABILITY ENHANCEMENT COURSE

Mr. R. KARTHICK ,Senior Control System Engineer, Infercon Automation Pvt Ltd handled Employability Enhancement course Program on 09/05/2023 to 13/05/2023 to provide a knowledge about Application of DCS in Industrial Automation.



Speaker delivered the lecture on the topic PLC vs DCS. He started the session by giving an overview about the DCS and Process control. The session concluded with a interactive session by the speaker with the participants.

Then, Speaker delivered the lecture on the topic PLC vs DCS. He started the session by giving an overview about the DCS and Process control. The session concluded with a interactive session by the speaker with the participants.

The session mainly covered following key points:

- ❖ PLC vs DCS
- ❖ Architecture Of PLC
- ❖ Classification Of PLC Based On Power Supply
- ❖ Types Of PLC
- ❖ Introduction - Process Control
- ❖ Introduction To DCS
- ❖ Heart Of The DCS System (HMI/SCADA)
- ❖ Different Types Of Redundancy
- ❖ Architecture Of PLC
- ❖ Classification Of PLC Based On Power Supply
- ❖ Types Of PLC
- ❖ Evolution Of Automation

SKILL DEVELOPMENT COURSE

A Five Days Skill Development Program on “**Smart P&ID**” was organized from 20th to 24th March 2023 by Department of Electrical and Electronics Engineering in association with Vi Micro System Pvt Ltd , NM Technocrafts (Channel partner of Siemens) & Institution of Engineers India.

The program started with a Welcome address Mr.S.Prakash,AP(Gr-II)/EEE. The Presidential address was delivered by Dr.L.Chitra, HoD/ EEE. The session was taken over by the Dr.Sanjay from NM Technocrafts .



VALUE-ADDED COURSES

DISTRIBUTION CABINET PANEL DESIGN USING COMOS

5 days value added training program was held from 16/05/2023 to 21/05/2023 to the students

Name of the Resource Person :

1. Dr.L.Chitra,HOD/EEE
2. Mr.S.Prakash,AP Gr-II/EEE



DEPARTMENT ACTIVITIES

EARTH DAY CELEBRATION

WORLD'S LARGEST GLOBAL CLIMATE CLOCK ASSEMBLY AND DISPLAY

Aadhavan Energy Swaraj Club, Department of Electrical and Electronics Engineering, Aarupadai Veedu Institute of Technology, organized an online event on “WORLD’S LARGEST GLOBAL CLIMATE CLOCK ASSEMBLY & DISPLAY EVENT” on the account of world Earth Day on 22/04/2023.

The event is conducted by Energy Swaraj Foundation jointly with AIM-NITI Aayog, CSIR and AICTE. Global Climate clock kit received from Energy Swaraj Foundation, Delhi. The students of Electrical and Electronics Engineering department assembled the clock as per instructions from the YouTube link video which was given.

The main purpose of the event is to create awareness about the world earth day. The Event was conducted through online mode in WEBEX. After assembled the climate clock kit, photos and videos are sent to the Energy Swaraj Foundation, Delhi. climate clock is a clock that shows the time left before certain global warming is reached.

We are making a clock that shows the time left for 1.5 °C of global warming. It is actually a countdown clock, to calculate time left when the global warming has reached a certain peak. Only six years and 90 days remain before our planet heats beyond 1.5 degrees Celsius, showed the climate clock. The countdown aims to encourage people to come together and take immediate action to reduce greenhouse gases.



ATAL Academy Sponsored

Two Weeks (Hybrid) Faculty Development Program on “Digital Twin for Electric Vehicles” September 12 -17, 2022 (Online) & September 19 -23, 2022 (Offline).

A two weeks (Hybrid Mode) Faculty Development Program on Digital Twin for Electric Vehicles was organized from 12th to 23rd September 2022 by Department of Electrical and Electronics Engineering in Association with ATAL.

Day – 1 : 12/09/2022

Topic: Challenges and Opportunities of Digital Twins: A Speculum for Electric Vehicles

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode : Microsoft Teams

Day 1 Challenges And Opportunities Of Digital Twins: A Speculum For Electric Vehicles

Resource Person: **Mr. O. Kameswara Satya Prakash**
Hi-RES Lab, School of Engineering
Taylor's University, Malaysia

12 SEP 2022 7.00-9.30 P.M. IST

Dr. G. Selvakumar, Principal, AVIT
Coordinator: Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by Department of Electrical and Electronics Engineering, AVIT

Day – 2 : 13/09/2022.

Topic: Model Based Design of EV

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode : Microsoft Teams

Day 2 Model Based Design of EV

Resource Person: **Dr. Ananchai U-Kaew**
Asst. Prof.
Naresuan University, Thailand

13 SEP 2022 7.00-9.30 P.M. IST

Dr. G. Selvakumar, Principal, AVIT
Coordinator: Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by Department of Electrical and Electronics Engineering, AVIT

Day – 3 : 14/09/2022.

Topic: EV Charger and Technology Advancement

 VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

 AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

 ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on



Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode :  Microsoft Teams

Day 3 EV Charger and Technology Advancement

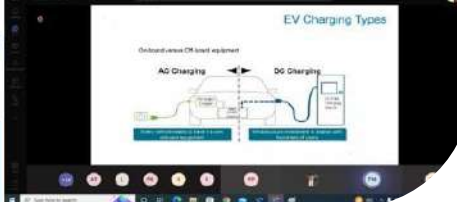


Resource Person | Mr. T. Muthukumaran
Certified Energy Auditor (BEE)
NSIC-TSC, (A Govt of India Enterprise)

 14 SEP 2022  7.00-9.30 P.M. 7.00-9.30 P.M. IST

 A* Grade

Dr. G. Selvakumar, Principal, AVIT
Coordinator :
Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 4 : 15/09/2022.

Topic: Transforming Future mobility with applied IOT

 VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

 AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

 ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on



Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode :  Microsoft Teams

Day 4 Transforming Future Mobility with Applied IOT




Resource Person | Mr. Suryender Kumar Sharma
Manager – IIoT,
JK Cement Limited

 15 SEP 2022  7.00-9.30 P.M. 7.00-9.30 P.M. IST

 A* Grade

Dr. G. Selvakumar, Principal, AVIT
Coordinator :
Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 5 : 16/09/2022.

Topic: Overview of Electric Vehicle Supply Equipment



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on



Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode :  Microsoft Teams

Day 5

Overview of Electric Vehicle
Supply Equipment

Resource Person

Dr. C. Sharmeela
Professor
Anna University, Chennai



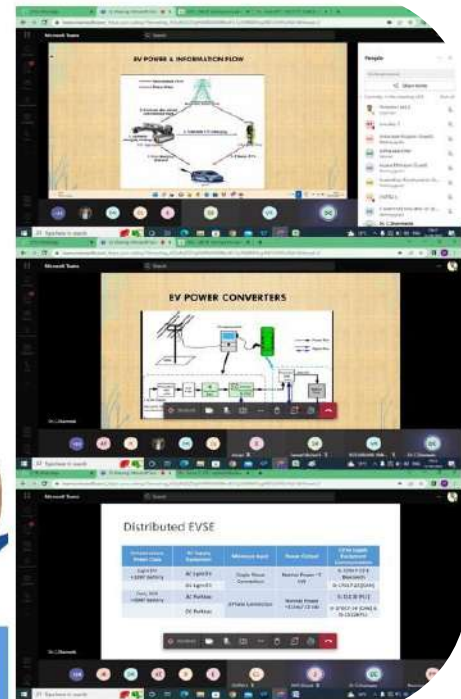
 **16** SEP 2022

 **7.00-9.30**
P.M. P.M. **IST**

'A' Grade

Dr. G. Selvakumar, Principal, AVIT
Coordinator :
Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 6 : 17/09/2022.

Topic: The Battery Charging Technology For Electric Vehicles and Plugged – In - Hybrid Electric Vehicles : Opportunities For Research and Developments



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on



Digital Twin for Electric Vehicles

Online Sessions : September 12-17, 2022 Mode :  Microsoft Teams

Day 6

The battery charging technology for electric vehicles and
plugged-in-hybrid electric vehicles : opportunities for
research and developments

Resource Person

Dr. Tushar Kanti Bera
Asst. Prof., Dept. of Electrical Engineering
National Institute of Technology, Durgapur



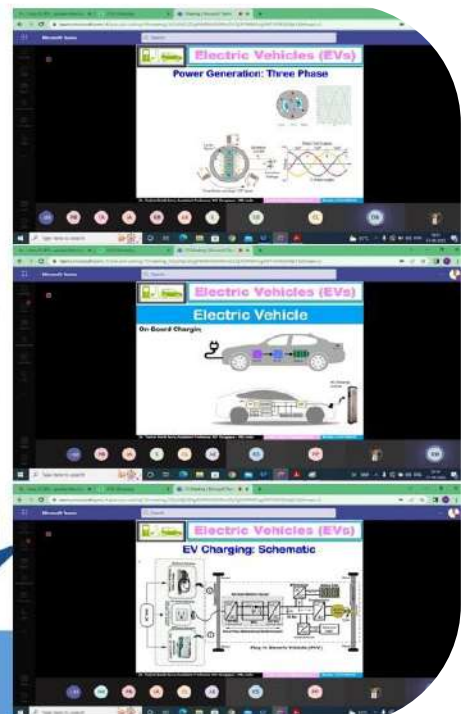
 **17** SEP 2022

 **7.00-9.30**
P.M. P.M. **IST**

'A' Grade

Dr. G. Selvakumar, Principal, AVIT
Coordinator :
Dr. L. Chitra, Prof. & Head, EEE, AVIT

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 7 : 19/09/2022 – FN

Topic: Digitization in EV Manufacturing Topic: Introduction to Digital Twin



VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

Digital Twin for Electric Vehicles

Offline Sessions : September 19-23, 2022

Day - 1  19 SEP 2022  9.00-4.00 A.M. P.M. IST

Session - 1  Digitization in EV Manufacturing
Mr. M. Thirumalai Kumar
Head, MDM/MGS Services India
Siemens Industry software India (Pvt) Ltd

Session - 2  Introduction to Digital Twin
Dr. R. Vijayarajeswaran
Managing Director,
VI Micro Systems Pvt Ltd

Dr. G. Selvakumar, Principal, AVIT
Coordinator : Dr. L. Chitra, Prof. & Head, EEE, AVIT
Co-coordinator : Mr. S. Prakash, AP(GI-II)/EE

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 8 : 20/09/2022

Topic: E-Mobility

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

Digital Twin for Electric Vehicles

Offline Sessions : September 19-23, 2022

Day - 2  20 SEP 2022  9.00-4.00 A.M. P.M. IST

 Session on – E MOBILITY
Mr. Anil Chourasia
Senior R&D Engineer,
Diamler AG, (Mercedes Benz)

Dr. G. Selvakumar, Principal, AVIT
Coordinator : Dr. L. Chitra, Prof. & Head, EEE, AVIT
Co-coordinator : Mr. S. Prakash, AP(GI-II)/EEE

Organised by
Department of Electrical and
Electronics Engineering, AVIT



Day – 8 : 20/09/2022. [Industrial Visit - GIEC]

Ganesan Incubation and Entrepreneurship Center, AV Campus, Paiyanoor.



Day – 9 : 21/09/2022.

Topic: Digital Twin for Electric Vehicles using MATLAB & Simulink

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADA VEDU INSTITUTE OF TECHNOLOGY

ATAL ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

ANTE
ANALYSIS AND NETWORK THEORY

Digital Twin for Electric Vehicles

Offline Sessions : September 19-23, 2022

Day - 3 **21** **9.00-4.00** **1ST**
SEP 2022 A.M. P.M.

Session on
Digital Twin For Electric Vehicles
Using Matlab & Simulink

Mr. CH Ravindar Reddy
Application Engineer,
Design Tech Systems Private Ltd

Dr. G. Selvakumar, Principal, AVIT
Coordinator : **Dr. L. Chitra, Prof. & Head, EEE, AVIT**
Co-coordinator : **Mr. S. Prakash, AP(Gr-II)/EEE**

Organised by
Department of Electrical and
Electronics Engineering, AVIT

Day – 10 : 22/09/2022 – FN

Topic: How to do Quality Research

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
ANUPADAI YERU Institute of Technology

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on
Digital Twin for Electric Vehicles

Offline Sessions : September 19-23, 2022

Day - 4 22 SEP 2022 9.00-4.00 A.M. P.M. IST

Dr. R. Devika
Professor & Head
Department of
Biotechnology

Session on How to
Do Quality Research

Industrial Visit

Tri Electric Pvt Ltd
Gummidipoondi

Dr. G. Selvakumar, Principal, AVIT
Coordinator : Dr. L. Chitra, Prof. & Head, EEE, AVIT
Co-coordinator : Mr. S. Prakash, AP(Gr-II)/EEE

Organised by
Department of Electrical and
Electronics Engineering, AVIT

Day – 10 : 22/09/2022 – AN

Topic: Industrial Visit – Tri Electric Private Limited



Day – 11 : 23/09/2022 – FN

Topic: Time Management

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

ATAL Academy Sponsored
Two Weeks (Hybrid)
Faculty Development Program on

ANTE
Academy for New Technologies

Digital Twin for Electric Vehicles

Offline Sessions : September 19-23, 2022

Day - 5 23 SEP 2022 10.00-12.00 A.M. NOON IST

Session on Time Management
Dr. G. Selvakumar
Principal
Aarupadai Veedu Institute of Technology

Dr. G. Selvakumar, Principal, AVIT
Coordinator : Dr. L. Chitra, Prof. & Head, EEE, AVIT
Co-coordinator : Mr. S. Prakash, AP(Gr-II), EEE

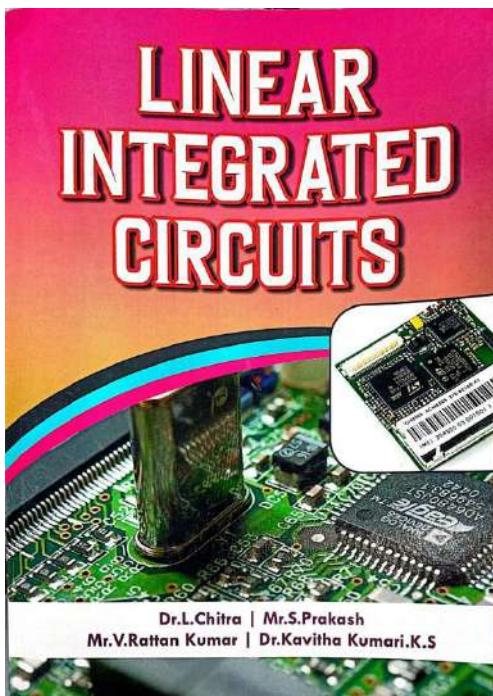
Organised by
Department of Electrical and Electronics Engineering, AVIT



FACULTIES ACHIEVEMENTS

BOOKS PUBLISHED

Name of the Faculty	Title of the Book, Publisher Name	ISBN no if any
Dr.Boopathy.K Prof./EEE	Power Electronics for Renewable Energy Systems,SKR Publications	978-93-92170-00-3
Dr.Chitra.L Professor/EEE Aarupadai Veedu Institute of Technology	Linear Integrated Circuits,AASAN Publication	978-81-19313-99-0
Mr.Prakash.S Assistant Professor (Gr-II)/EEE Aarupadai Veedu Institute of Technology		
Mr.Rattan Kumar V Assistant Professor (Gr-II)/EEE Aarupadai Veedu Institute of Technology		
Dr.Kavitha Kumari K.S Assistant Professor (Gr-II)/EEE Aarupadai Veedu Institute of Technology		



About the Authors



Dr.Boopathy.K is a faculty member in the Department of Electrical and Electronic Engineering of Aarupadai Veedu Institute of Technology. He has completed his Bachelor's degree in Electrical and Electronics Engineering from Anna University, Chennai. He received his M.Tech in Electrical and Electronics Engineering from Anna University, Chennai. He has completed his PhD in Electrical and Electronics Engineering from Anna University, Chennai. He has published more than 10 papers in international and national conferences.



Mr.Prakash.S is a faculty member in the Department of Electrical and Electronic Engineering of Aarupadai Veedu Institute of Technology. He has completed his Bachelor's degree in Electrical and Electronics Engineering from Anna University, Chennai. He received his M.Tech in Electrical and Electronics Engineering from Anna University, Chennai. He has completed his PhD in Electrical and Electronics Engineering from Anna University, Chennai. He has published more than 10 papers in international and national conferences.



Mr.Rattan Kumar V is a faculty member in the Department of Electrical and Electronic Engineering of Aarupadai Veedu Institute of Technology. He has completed his Bachelor's degree in Electrical and Electronics Engineering from Anna University, Chennai. He received his M.Tech in Electrical and Electronics Engineering from Anna University, Chennai. He has completed his PhD in Electrical and Electronics Engineering from Anna University, Chennai. He has published more than 10 papers in international and national conferences.



Dr.Kavitha Kumari K.S is a faculty member in the Department of Electrical and Electronic Engineering of Aarupadai Veedu Institute of Technology. She has completed her Bachelor's degree in Electrical and Electronics Engineering from Anna University, Chennai. She received her M.Tech in Electrical and Electronics Engineering from Anna University, Chennai. She has completed her PhD in Electrical and Electronics Engineering from Anna University, Chennai. She has published more than 10 papers in international and national conferences.

ISBN



9 788119 313990



AASAN PUBLICATIONS | www.aasans.com
publisher@aasans.com

PAPERS PUBLISHED IN NATIONAL/INTERNATIONAL JOURNALS

S.NO	Name Of The Faculty	Title Of The Paper	Name Of The Journal	Year/Issue/Volume/ Page No.
1.	Dr.Kavitha Kumari.K.S Assistant Professor-II/EEE	Investigation of Hybrid power system for Marine Applications	WSEAS Transaction on Power System	July 2022/Vol 17/pp no 207-217/DOI: 10.37394/232016.2022.17.21/E-ISSN: 2224-350X
2.	Dr.Kavitha Kumari.K.S Assistant Professor-II/EEE	Modelling of microgrid using advanced multi-objective particle swarm optimization	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-9
3.	Dr.Kavitha Kumari.K.S Assistant Professor-II/EEE	Execution of optimization technique in DC DC converter to unswerving real and reactive power flow	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-6
4.	Dr.Kavitha Kumari.K.S Assistant Professor-II/EEE	Execution of firefly optimization algorithm in DC-DC Landsman converter to control microgrid voltage	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-7
5.	Ms..Saranya.D Assistant Professor-II/EEE	Improved series z-source multi level inverter using control techniques for grid tied PV system	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-6
6.	Ms..Saranya.D Assistant Professor-II/EEE	Artificial neural network intelligent control for isolated DC-DC converter fed high speed PMDC motor	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-7
7.	Dr.Kavitha Kumari.K.S Assistant Professor-II/EEE	Modelling of microgrid using advanced multi-objective particle swarm optimization	AIP Conference Proceedings	2022/Issue-1/2455/Pg no1-9
8.	Dr.Boopathy.K Professor/EEE	Experimental evaluation of bio medical titanium alloy stabilized with niobium	Material Today proceedings	Jan2023/Part 2/Volume 77/Pg no515-520

9.	Dr.Chitra .L Professor/EEE	Energy Management in Electric Vehicle using Machine Learning	AIP Conference Proceeding	Jan 2023/Issue1/Volume 2523/pg no 1-5
10.	Ms.Jensie Anita .S Assistant Professor (Gr-I)/EEE	Foetal ultrasonographic Sparse representation evaluation of spectral trust maps	AIP Conference Proceeding	Jan 2023/Issue1/Volume 2523/pg no 1-5
11.	Ms.Saranya.D Assistant Professor (Gr-II)/EEE	Deep in memory architectures learning of Trade-Offs for productivity	AIP Conference Proceeding	Jan 2023/Issue1/Volume 2523/pg no 1-5
12.	Mr.Prakash.S Assistant Professor (Gr-II)/EEE	Detection in dermoscopic images with inadequate control of blue-white structures	AIP Conference Proceeding	Jan 2023/Issue1/Volume 2523/pg no 1-5
13.	Dr.Chitra.L Professor/EEE	Wind energy system based bidirectional converter with energy storage system	AIP Conference Proceeding	Jan 2023/Issue1/Volume 2523/pg no 1-5
14.	Dr.Boopathy.K Professor/EEE	Wireless networks in providing extraordinary quality of experience for camera consumers	AIP Conference Proceeding	Jan2023/Issue1/Volu me 2523/pg no 1-5
15.	Dr.Chitra L Professor/EEE	High Gain Sheppard Taylor Fed EV in a Grid Connected PV System	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023	Feb 2023, pp. 1391– 1396,DOI:10.1109/I CAIS56108.2023.10 073760
16.	Dr.Chitra L Professor/EEE	Power Quality Enhancements of AC Grid Using Luo Converter with GWO Based MPPT	2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023,	April 2023,DOI: 10.1109/I2CT57861. 2023.10126160

17.	Dr.Boopathy.K Professor/EEE	Design of Multipurpose Robot for Sugarcane Field Using Blue Tooth Technology	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference	April,2023
-----	--------------------------------	--	--	------------

FACULTY AS RESOURCE PERSON

S. No	Name of the Faculty	Nature of Event	Title of the programme	Name of the organizing Body/Institution	Date	Nature of participation
1.	Dr.G.Selva Kumar	ATAL FDP	Time Management	AVIT/EEE	23.09.2022	Guest Speaker
2.	Dr.Boopathy.K	DC Meeting	Ph.D Research Advisory Committee	Vels Institute of Science, Technology and Advanced Studies	31.10.2022	Member
3.	Dr.Boopathy.K	DC Meeting	Ph.D Research Advisory Committee	Vels Institute of Science, Technology and Advanced Studies	6.12.2022	Member
4.	Dr.Boopathy.K	Seminar	Workshop on Intellectual property Rights(IPR) and IP Management for start up	Prince Dr.K.Vasudevan College of Engineering and Technology	24.05.2023	Guest Speaker
5.	Dr.Boopathy.K	DC meeting	Synopsis meeting	SRM Valliammai Engineering College	13.06.2023	Member

HONORS BY FACULTY

S. No	Faculty Name	Purpose	Period	Awards Received From
1.	Dr.Chitra L	Best IGEN Speaker Award	27.05.2023	The Institution of Green Engineer
2.	Dr.Boopathy K	Won Best paper Award	17.05.2023 to 18.05.2023	Maulana Azad National Institute of Technology, Bhopal
3.	Ms.Poornima P	AVIT Faculty Ambassador	12.05.2023	Aarupadai Veedu Institute of Technology
4.	Mr.Prakash S	AVIT Faculty Ambassador	12.05.2023	Aarupadai Veedu Institute of Technology
5.	Mr.Rattan Kumar V	AVIT Faculty Ambassador	12.05.2023	Aarupadai Veedu Institute of Technology
6.	Dr.Boopathy K	AVIT Faculty Ambassador	12.05.2023	Aarupadai Veedu Institute of Technology
7.	Dr.Chitra L	AVIT Faculty Ambassador	12.05.2023	Aarupadai Veedu Institute of Technology
8.	Ms.Poornima P	First Place in Throw Ball in the Annual Sports Day	06.05.2023	Aarupadai Veedu Institute of Technology
9.	Dr.Boopathy K	First Place in Volley Ball in the Annual Sports Day	06.05.2023	Aarupadai Veedu Institute of Technology
10.	Ms.Rattan Kumar V	NPTEL Mentor Online Certificate course	Jan to April 2023	NPTEL,Swayam
11.	Dr.Chitra L	NPTEL Mentor Online Certificate course	Jan to April 2023	NPTEL,Swayam
12.	Dr.Chitra L	Appreciation for mentoring the student in 2nd National level project competition /Exhibition VIDYUT 2023 students	25.03.2023	IEEE Power & Energy Society Student Chapter, Department of EEE, Vardhaman College of Engineering, Hyderabad, Telangana

13.	Dr.Chitra L	Appreciation for mentoring the student in 2nd National level project competition /Exhibition VIDYUT 2023 students	25.03.2023	IEEE Power & Energy Society Student Chapter, Department of EEE, Vardhaman College of Engineering, Hyderabad, Telangana
14.	Dr.Chitra L	Mentor for the Prototype titled “THE IGNITE” and won First prize in Innovation Challenge-2K23	27-02- 2023	Institution's Innovation Council of AVIT
15.	Mr.Rattan Kumar V	Mentor for the Prototype titled “THE IGNITE” and got 1st Runner up in National Electric Bike Challenge 2023 season 1 and received an amount of Rs.25,000	25-02-2023 & 26-02-2023	Kumaraguru College of Technology in association with society for smart E-mobility
16.	Dr.Chitra L	Mentor for the Prototype titled “THE IGNITE” and got 1st Runner up in National Electric Bike Challenge 2023 season 1 and received an amount of Rs.25,000	25-02-2023 & 26-02-2023	Kumaraguru College of Technology in association with society for smart E-mobility
17.	Ms.Amudha.T	Merit for qualifying the online examination	19-02-2023	Dr.APJ Abdul Kalam International Foundation,House of Kalam,Rameshwaram
18.	Ms.Jyoti	Merit for qualifying the online examination	19-02-2023	Dr.APJ Abdul Kalam International Foundation,House of Kalam,Rameshwaram
19.	Dr.Chitra L	Mentor for the Prototype titled “Solar based Mini portable Thermopot” and won first prize in Project Expo contest 2023and received an amount of RS.8,000/-	15-02-2023 & 16-02-2023	SRM Institute of Science and Technology
20.	Dr.Chitra L	Mentor for the Prototype titled “Coconut Tree Climbing Machine” in Project Expo contest 2023	15-02-2023 & 16-02-2023	SRM Institute of Science and Technology

21.	Dr.Chitra L	Mentor for the Prototype titled “Energy Harvester” in Project Expo contest 2023	15-02-2023 & 16-02-2023	SRM Institute of Science and Technology
22.	Mr.Prakash S	Mentor for the Prototype titled “Hand Gesture Controlled Robot for Agriculture Monitoring” in Project Expo contest 2023	15-02-2023 & 16-02-2023	SRM Institute of Science and Technology
23.	Dr.Kavitha Kumari.K.S	Mentor for the Prototype titled “Smart Helmet for Safe Driving” in Project Expo contest 2023	15-02-2023 & 16-02-2023	SRM Institute of Science and Technology
24.	Mr.Rattan Kumar	Appreciation for Energy Swaraj Warrior to conduct Energy Literacy Training of the Energy Swaraj Foundation	Jan 2023	Energy Swaraj Foundation

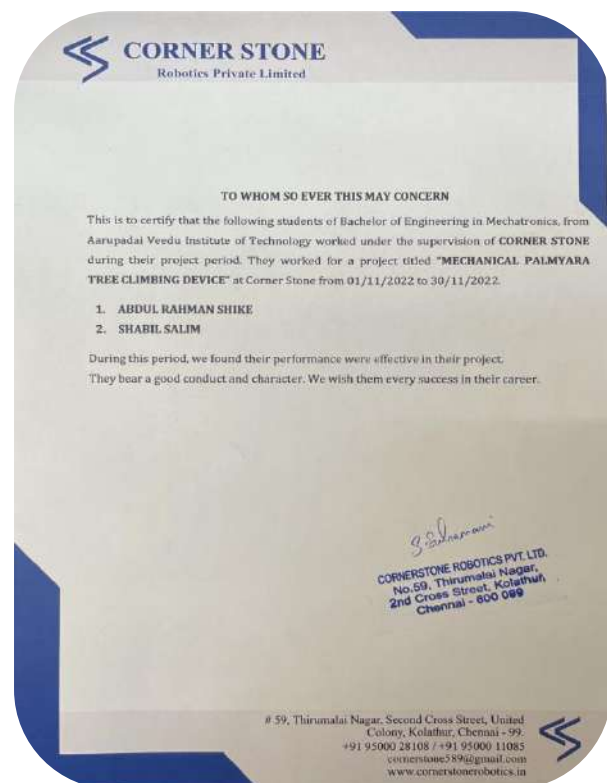
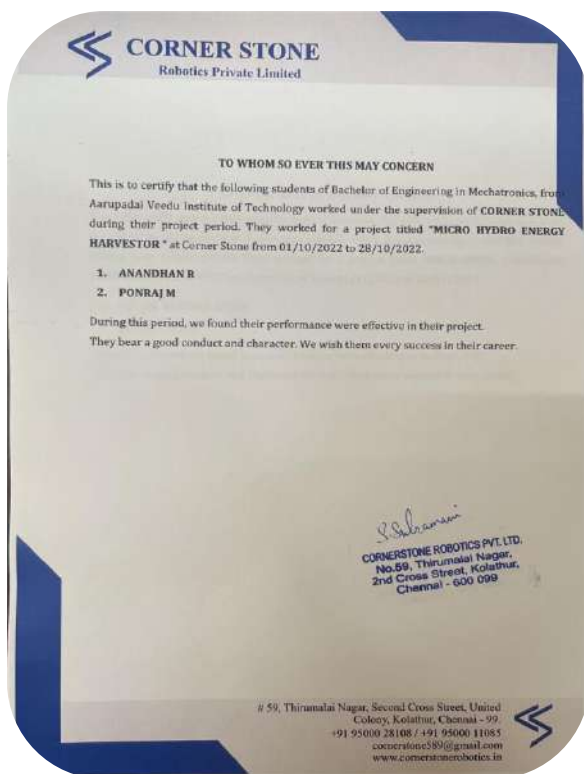
PATENT FILED/GRANTED

S.No	Application No	Patent Title	Inventors	Status of Patent	Patent Published Date / Granted Date
1.	380855-001	Coconut Tree Walker Climber/15-03	Dr.L.Chitra and Team	Granted	18.05.2023
2.	373176-001	GPS Based Smart Women Safety Monitoring Wrist	Dr.L.Chitra and Team	Granted	28.04.2023
3.	375793-001	Sugarcane Leaf Remover Machine/15-03	Boopathy k and Team	Granted	15.02.2023
4.	367885-001	Emergency Lamp	Boopathy k and Team	Granted	20.01.2023
5.	202241074797	Women's Safety Device Using Location Based Alerting	Dr.L.Chitra	Published	30.12.2022
6.	202241053631	Battery less UPS System Using Mechanical Flywheel	Boopathy k , S.Sivaranjani	Published	30.09.2022
7.	202141012659	EMERGENCY PATIENT COMMUNICATION SYSTEM	Dr.L.Chitra & S.Prakash	Published	30.09.2022

INSTITUTE-INDUSTRY COLLABORATION

FIELD PROJECTS

- ❖ 02 Students undergone a field project titled, “Micro Hydro Energy Harvester”, from 01.10.22 to 28.10.22 at Corner stone automation.
- ❖ 02 Students undergone a field project titled, “Mechanical Palmyra Tree Climbing Device”, from 01.11.22 to 30.11.22 at Corner stone automation.
- ❖ 06 Students undergone a field project titled, “Armless Vehicle”, from 11/03/2023 to 28/03/2023 at Corner stone automation.



INDUSTRIAL VISIT TO NORTH CHENNAI THERMAL POWER STATIONATHIPATTU, CHENNAI.

Department of Electrical and Electronics Engineering, Aarupadai Veedu Institute of Technology organized a one day Industrial visit to NORTH CHENNAI THERMAL POWER STATION, ATHIPATTU on 17/06/2022. A team of II, III & IV year Students of EEE & Mechatronics (58 no's) along with 2 Faculty members took part in the Industrial visit. We started from AVIT and reached North Chennai Thermal Power Station at around 11.00am by our college bus. North Chennai Thermal Power Station is situated about 25 KMs from Chennai on Northern side.

The North Chennai Thermal Power Station Unit I was commissioned in the Year 1994, unit II was commissioned in 1995 and unit III was commissioned in 1996 in the Thiruvallur district. It is one of the major power plants of Tamil Nadu. NCTPS has a total installed capacity of 630 M.W comprising 3 units of 210 M.W each. All the three units are coal based. In recent years due to shortage of coal in the state, coal is being imported to function the power plant. Coal for NCTPS is received from Mahanadhi coal fields Limited (Talchar & IB Valley), Orissa, Eastern coal fields Limited, Ranikanj, West Bengal. At the North Chennai Thermal power station II, Mr. Murali, Assistant Engineer of NCTPS II welcomed and took us to different places of thermal power plant like coal handling plant, Ash handling plant, Bunker, Boiler drum, Turbine, Generator, cooling tower and explained the working of each sections of power plant. Finally, we visited DCS Siemens control system of plant. Overall, it was very useful for the students and strengthened their knowledge about the Thermal power plant.



VISIT TO SAINT GOBAIN INDIA PVT.LTD., SRIPERUMBUDUR

Confederation of Indian Industry, CII Madurai Zone in connection with Sustainability - Advancing Net Zero & ESG , organized a One Day Manufacturing Excellence Mission to Saint Gobain India Pvt. Ltd, Sriperumbudur on Jun 16, 2023.

Saint Gobain India Pvt. Ltd., started operations in the year 2000 and has further through the years deepened its presence in the Indian flat glass market. Besides being the clear market leader and a strong brand in the flat glass industry, the company has pioneered several innovations in products, manufacturing and marketing thereby created an impact by its presence in our living places like buildings, transportation, infrastructure and lot more.



AWARDS FOR INNOVATION BY INSTITUTION/TEACHERS/STUDENTS

S.No	Title of the innovation	Name of the Awardee & Designation	Awarding Agency	Date of Award	Category
1	New world record event of Earth Day indexed IGEN ENERGATHON 2023	Chitra L Professor/HOD	The Institution of Green Engineer	27.05.2023	Best IGEN Speaker Award
2	Design of multipurpose robot for sugarcane field using blue tooth technology	BoopathyK Professor	Maulana Azad National Institute of Technology, Bhopal	17.05.2023 to 18.05.2023	Won Best paper Award
3	Appreciation	Anandhan R & Student	Aarupadai Veedu Institute of Technology	12.05.2023	Best outgoing student award 2023
4	AVIT Ambassador	Poornima P & Assistant Professor Gr-II	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Faculty Ambassador
5	AVIT Ambassador	Prakash S & Assistant Professor Gr-II	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Faculty Ambassador
6	AVIT Ambassador	Rattan Kumar V & Assistant Professor Gr-II	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Faculty Ambassador
7	AVIT Ambassador	Boopathy K & Professor	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Faculty Ambassador
8	AVIT Ambassador	Chitra L & Professor/HOD	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Faculty Ambassador
9	AVIT Ambassador	Manu Tiwari & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
10	AVIT Ambassador	Bishal Tiwari & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
11	AVIT Ambassador	Mohammed Abbas S B & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador

12	AVIT Ambassador	Suraj Kumar Chauhan & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
13	AVIT Ambassador	Yogesh S & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
14	AVIT Ambassador	Ganesh Kumar P & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
15	AVIT Ambassador	Anandhan R & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
16	Appreciation	Ponraj & Student	Aarupadai Veedu Institute of Technology	12.05.2023	Second position in the end semester examination
17	AVIT Ambassador	Aswin Prince Balan H & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
18	AVIT Ambassador	Manobala M K & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
19	Appreciation	Veeramuneeswaran & Student	Aarupadai Veedu Institute of Technology	12.05.2023	Secured first position based on the performance in the end semester examination
20	AVIT Ambassador	Veeramuneeswaran & Student	Aarupadai Veedu Institute of Technology	12.05.2023	AVIT Student Ambassador
21	Annual Sports Meet	Anandhan R & Student	Aarupadai Veedu Institute of Technology	06.05.2023	Secured first position based on the performance in the end semester examination
22	Annual Sports Meet	Poornima P & Assistant Professor Gr-II	Aarupadai Veedu Institute of Technology	06.05.2023	First Place in Throw Ball in the Annual Sports Day
23	Annual Sports Meet	Boopathy K & Professor	Aarupadai Veedu Institute of Technology	06.05.2023	First Place in Volley Ball in the Annual Sports Day

24	Annual Sports Meet	Veeramuneeswaran & Student	Aarupadai Veedu Institute of Technology	06.05.2023	Won first prize in poetry competition in CREA 2023
25	Annual Sports Meet	Ajith Kumar Yadav & Student	Aarupadai Veedu Institute of Technology	06.05.2023	First Place in Volley Ball in the Annual Sports Day
26	Annual Sports Meet	Anandhan R & Student	Aarupadai Veedu Institute of Technology	06.05.2023	First Place in Basketball in the Annual Sports Day
27	Annual Sports Meet	Ponraj & Student	Aarupadai Veedu Institute of Technology	06.05.2023	Third place in 4* 400 Relay
28	Annual Sports Meet	Veeramuneeswaran & Student	Aarupadai Veedu Institute of Technology	06.05.2023	Won first prize in Anthakshari competition in CREA 2023
29	Annual Sports Meet	Veeramuneeswaran & Student	Aarupadai Veedu Institute of Technology	06.05.2023	Won second prize in Debate competition in CREA 2023
30	Online Certificate Course on " Introduction to Industry 4.0 and Industrial Internet of Things "	Rattan Kumar V & Assistant Professor Gr-II	NPTEL, Swayam	Jan to April 2023	NPTEL Mentor Online Certificate course
31	Online Certificate Course on " Introduction to Industry 4.0 and Industrial Internet of Things "	Chitra L & Professor/HOD	NPTEL, Swayam	Jan to April 2023	NPTEL Mentor Online Certificate course
32	Appreciation	Anandhan R & Student	Indian society for Technical Education Tamil Nadu Section	29.04.2023	ISTE Best student award for the year 2022
33	Youth Exchange Program	Yogesh S & Student	IIT Patna, Bihar	10.04.2023 to 16.04.2023	Participated in YUVA SANGAM Youth Exchange Program under the aegis of EK Bharat Shreshtha Bharat
34	Youth Exchange Program	Manobala M K & Student	IIT Patna, Bihar	10.04.2023 to 16.04.2023	Participated in YUVA SANGAM Youth

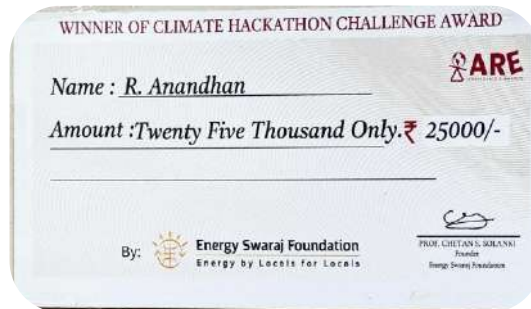
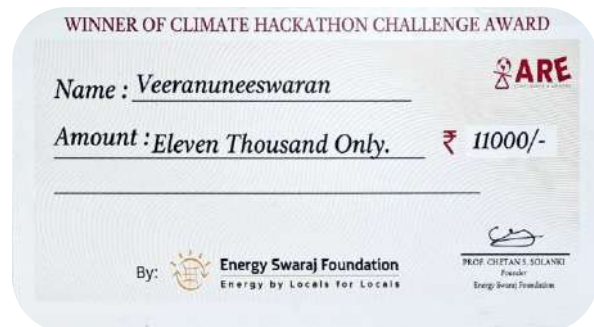
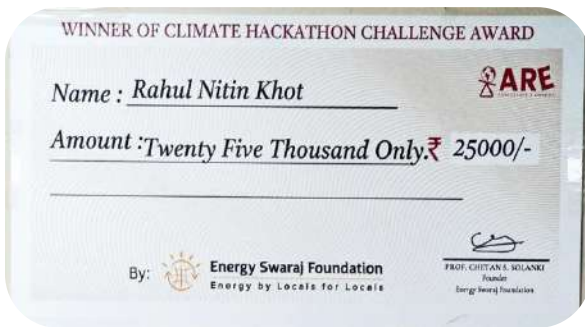
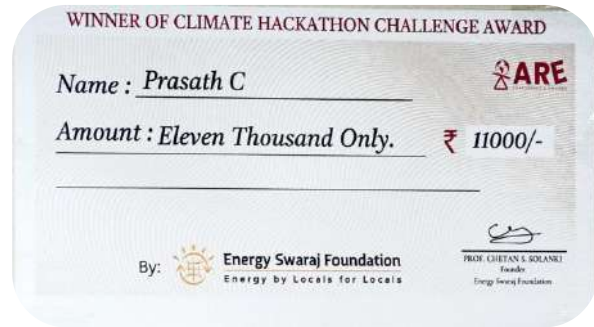
					Exchange Program under the aegis of EK Bharat Shreshtha Bharat
35	INNOVAVIT-2023 International Technical Symposium	Suraj Kumar & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Third place in Tickle Your Techno
36	INNOVAVIT-2023 International Technical Symposium	MD Zibran Alam & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Third place in Discussion Session
37	INNOVAVIT-2023 International Technical Symposium	Zahid Muneer & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Third place in Paper Presentation
38	INNOVAVIT-2023 International Technical Symposium	Pranav J & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Second place in Bug and Bugs
39	INNOVAVIT-2023 International Technical Symposium	Ganesh Kumar P & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	First place in Capture the movement
40	INNOVAVIT-2023 International Technical Symposium	Falak Khan & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Second place in Poster Presentation
41	INNOVAVIT-2023 International Technical Symposium	Aswin Mohan & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Second place in Bug and Bugs
42	INNOVAVIT-2023 International Technical Symposium	Ananadhan & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Third place in Paper Presentation
43	INNOVAVIT-2023 International Technical Symposium	Ajith Kumar Yadav & Student	Aarupadai Veedu Institute of Technology	11.04.2023 & 12.04.2023	Third place in Technical Circuit Hunter
44	Raspberry Pi Pico Based Room Automation And Energy Conversion System	Chitra L & Professor/HOD	IEEE Power & Energy Society Student Chapter, Department of EEE, Vardhaman College of Engineering, Hyderabad, Telangana	25.03.2023	Appreciation for mentoring the student in 2nd National level project competition /Exhibition VIDYUT 2023 students

45	Solar Based Mini Portable Thermo Pot	Chitra L & Professor/HOD	IEEE Power & Energy Society Student Chapter, Department of EEE, Vardhaman College of Engineering, Hyderabad, Telangana	25.03.2023	Appreciation for mentoring the student in 2nd National level project competition /Exhibition VIDYUT 2023 students
46	THE IGNITE	Chitra L & Professor/HOD	Institution's Innovation Council of AVIT	27-02-2023	First prize in Innovation Challenge-2K23
47	THE IGNITE	Ananadhan & Student	Institution's Innovation Council of AVIT	27-02-2023	First prize in Innovation Challenge-2K23
48	THE IGNITE	Alok T Jayapal & Student	Institution's Innovation Council of AVIT	27-02-2023	First prize in Innovation Challenge-2K23
49	THE IGNITE	Zahid Muneer & Student	Institution's Innovation Council of AVIT	27-02-2023	First prize in Innovation Challenge-2K23
50	THE IGNITE	Team Ignite/AVIT	Kumaraguru College of Technology in association with society for smart E-mobility	25.02.2023 & 26.02.2023	1st Runner up in National Electric Bike Challenge 2023 season 1
51	THE IGNITE	Rattan Kumar V & Assistant Professor Gr-II	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
52	THE IGNITE	Chitra.L & Professor/HOD	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
53	THE IGNITE	Anandhan R & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
54	THE IGNITE	Prasath C & Student	Kumaraguru College of Technology in association with society for smart	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1

			E-mobility		
55	THE IGNITE	Ponraj M & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
56	THE IGNITE	Suraj Kumar & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
57	THE IGNITE	Raman Kumar & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
58	THE IGNITE	Alok T Jayapal & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
59	THE IGNITE	Ajith Kumar Yadav & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
61	THE IGNITE	Zahid Muneer & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
62	THE IGNITE	Nihal Najeeb Mohamed & Student	Kumaraguru College of Technology in association with society for smart E-mobility	25-02-2023 & 26-02-2023	1st Runner up in National Electric Bike Challenge 2023 season 1
63	Dr.APJ Abdul Kalam Satellite Launch Vehicle Mission 2023	Amudha.T & Research Scholar	Abdul Kalam International Foundation, House of Kalam, Rameshwaram	19-02-2023	Merit for qualifying the online examination

64	Dr.APJ Abdul Kalam Satellite Launch Vehicle Mission 2023	Jyothi & Research Scholar	Abdul Kalam International Foundation,House of Kalam,Rameshwaram	19-02-2023	Merit for qualifying the online examination
65	Dr.APJ Abdul Kalam Satellite Launch Vehicle Mission 2023	Abhishek Raj & Student	Abdul Kalam International Foundation,House of Kalam,Rameshwaram	19-02-2023	Merit for qualifying the online examination
66	Dr.APJ Abdul Kalam Satellite Launch Vehicle Mission 2023	Anbarasan & Student	Abdul Kalam International Foundation,House of Kalam,Rameshwaram	19-02-2023	Merit for qualifying the online examination
67	Solar based Miniportable Thermopot	Chitra L & Professor/HOD	SRM Institute of Science and Technology	15-02-2023 & 16-02-2023	First prize in Project Expo
68	Solar based Miniportable Thermopot	Bishal Tiwari & Student	SRM Institute of Science and Technology	15-02-2023 & 16-02-2023	First prize in Project Expo
69	Solar based Miniportable Thermopot	Manu Tiwari & Student	SRM Institute of Science and Technology	15-02-2023 & 16-02-2023	First prize in Project Expo
70	Solar based Miniportable Thermopot	Suraj Kumar Chauhan & Student	SRM Institute of Science and Technology	15-02-2023 & 16-02-2023	First prize in Project Expo
71	Tech and Innovation Fair	Veeramuneeswaran P & Student	IIT Madras	29.01.2023	Won First Prize in Tech &Innovation fair at Shaastra 2023
72	Tech and Innovation Fair	Anandhan R & Student	IIT Madras	29.01.2023	Won First Prize in Tech &Innovation fair at Shaastra 2023
73	No Ironed Clothes Day	Students , Research Scholars	Energy Swaraj Foundation	04-01-2023	1st Climate Correction Day(CCD) Challenge
74	Aadhavan Energy Swaraj Club /AVIT	Students , Research Scholars &	Energy Swaraj Foundation	2023	Appreciation for Energy Literacy Training

75	Energy Swaraj Warrior	Rattan Kumar V & Assistant Professor Gr-II	Energy Swaraj Foundation	2023	Appreciation for Energy Swaraj Warrior of the Energy Swaraj Movement
----	-----------------------	--	--------------------------	------	--



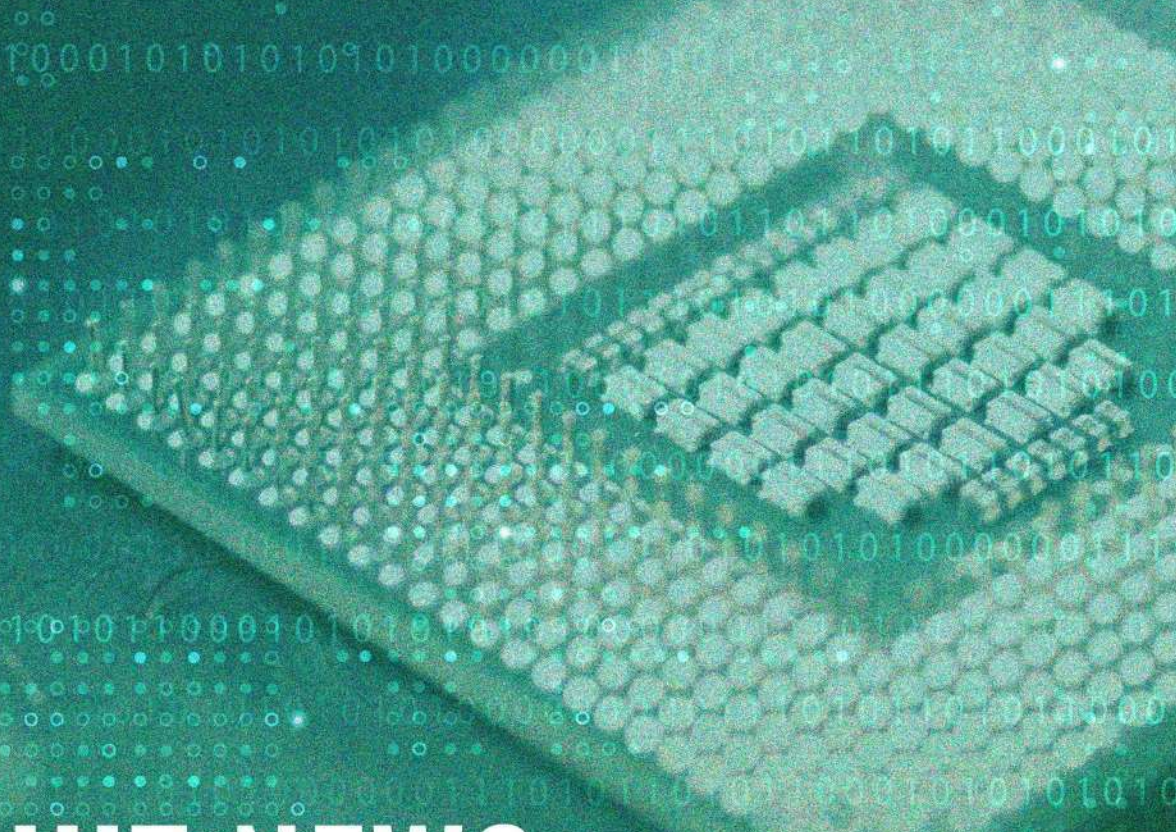
PLACEMENTS:

Students were placed in well-reputed companies as follows.

- ❖ AMPHENOL
- ❖ SUSPA
- ❖ TECH MAHINDRA
- ❖ TVS
- ❖ IBM
- ❖ SATVAT INFOSOL PVT LTD
- ❖ GESTAMP AUTOMOTIVE CHENNAI PVT LTD.
- ❖ L & T
- ❖ ITS SOLUTION
- ❖ WIPRO INFRASTRUCTURE ENGINEERING
- ❖ ASHOK LEYLAND
- ❖ HITACHI

The logo for Tech Mahindra, featuring the word "Tech" in a grey sans-serif font above the word "Mahindra" in a red sans-serif font.The logo for Hitachi, featuring the word "HITACHI" in a bold, black, sans-serif font.

**THE OFFICIAL NEWSLETTER OF
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



CIRCUIT NEWS



**DEPARTMENT OF EEE
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY (AVIT)
OLD MAHABALIPURAM ROAD VINAYAKA NAGAR,
PAIYANOR, CHENNAI, TAMIL NADU 603104**