

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ASSOCIATION INAUGURAL FUNCTION- 2k24

The Department student Association TESLA-2K24 was inaugurated on 30.08.2024 Ms.K,Gomathi,Students Secretary TESLA, introduced our resource person Mr.C.Gnanavel.ME, Assistant Divisional Engineer/Tangendco, Veeraganur. The Resource Person **Mr.C.Gnanavel M.E** delivered speech on “Applications and Challenges of IoT in Electrical Systems and Smart Infrastructure”. In smart infrastructure, IoT plays a crucial role in enhancing building management systems (BMS). IoT devices enable real-time monitoring of various building functions, such as lighting, HVAC systems, and security, optimizing energy use and improving occupant comfort.



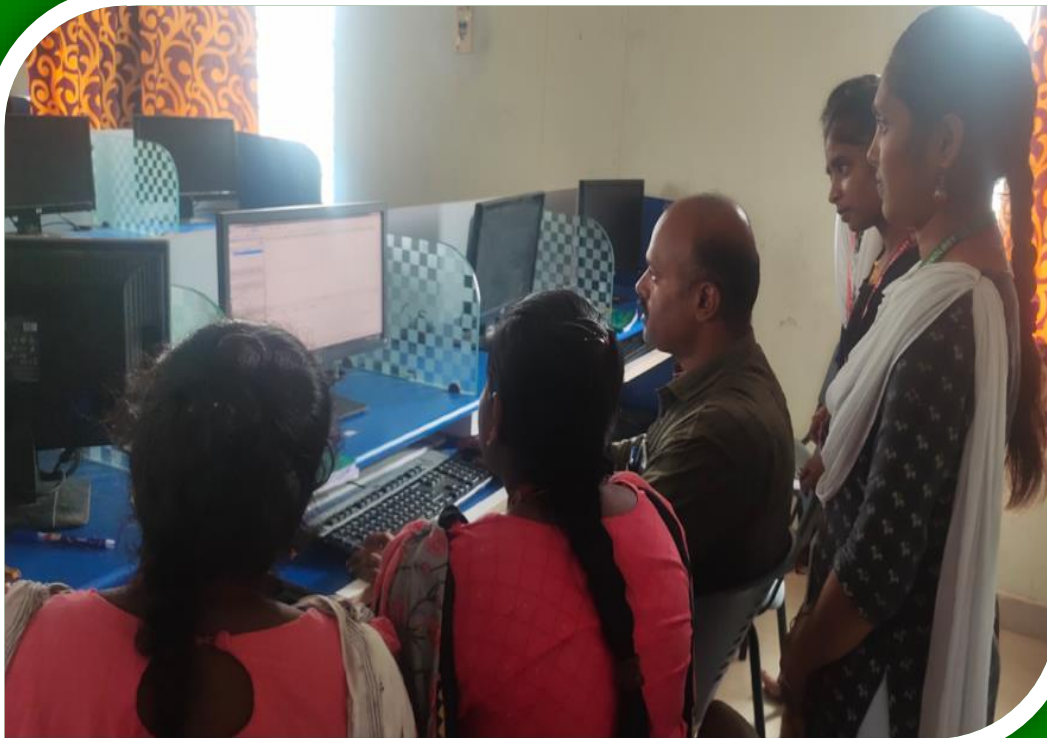
A seminar on Entrepreneurial Edge on Strategies for Standing out in the Start-up World

Our department and IIC organised and conducted a seminar on Entrepreneurial Edge on Strategies for Standing out in the Start-up World on 18.04.2024 at 10.00 AM. The Resource Person Mr. S. Velayutham delivered speech on “Entrepreneurial Edge on Strategies for Standing out in the Startup World”. 242 members were participated in this session from various department. The principal enlightened the students with a talk on the importance of the startup ecosystem and the ways in which technology may promote the advancement of national development. The coordinator of the Entrepreneurship Development Cell



A Value Added Course on “Industry Standard PCB Design

A Value Added Course on “**Industry Standard PCB Design**” was organized by the Electrical and Electronics Engineering Department of Tagore Institute of Engineering and Technology. This add-on course received an overwhelming response by 105 participants from Electrical & Electronics Engineering from 19.08.2024 to 24.08.2024. The main objective of this add-on course is to provide comprehensive understanding of PCB design principles and practices, Enhance skills in using industry-standard design software tools, Familiarize students with the latest trends and technologies in PCB design and manufacturing, Prepare students for real-world challenges through hands-on experience and practical knowledge. **Dr.M.VijayaKumar**, M.E., Ph.D., Manager Research and Development, Indi Guard Systems Pvt Ltd, Thanjavur acted as a resource person for the add-on course.



A Value Added Course on “IoT and Embedded Systems applications

A Value Added Course on “IoT and Embedded Systems applications in Electrical Engineering were organized by the Electrical and Electronics Engineering Department of Tagore Institute of Engineering and Technology. This add-on course received an overwhelming response with 52 participants of Electronics Engineering II year students from 26.03.2024 to 16.04.2024. The main objective of this add-on course is to provide students with a foundational understanding of IoT and embedded systems concepts, components, and architecture and preparing students for real-world challenges through hands-on experience and practical knowledge. Mr.P.Soundharapandian AP/EEE acted as a course coordinator for the add-on course. He encouraged all interested students to know the IoT technology revolutionizes electrical grids enabling real-time monitoring and management.



Guest Lecture on Control Systems

Our department organized a one day Guest Lecture program titled “Control Systems” on 14.12.2023. The resource person for the guest lecture was Mr. P. Paratharaj, Assistant Professor from Mahendira Engineering College in the Department of Electrical And Electronics Engineering. The resource person conducted the lecture in an interactive way and students participated in an active manner.



ASSOCIATION INAUGURAL FUNCTION- 2k23

The Department student Association TESLA-2K23 was inaugurated on 30th September 2023. The chief guest Dr. M. VIJAYAKUMAR, M.E., Ph.D., Manager-Research and development, IndiGuard systems Pvt Ltd, Thanjavur. Inaugurated the Association and participated as the Resource person in one day Workshop on “Carving a niche career in the field of Electrical, Electronics and Embedded System

Design” and provided embedded system software based training to the students. At the end of the training, Workshop certificates were awarded to the students who participated in the training.



Guest Lecture on Power Electronics

Our department organized a one day Guest Lecture program titled “Power System Analysis” on 02.11.2023. The resource person for the guest lecture was Mr. S. Saranraj, Assistant Professor in the Department of Electrical And Electronics Engineering, Muthayamamal Engineering College, Rasipuram. The lecture was interactive, and students were encouraged to ask questions.



Guest Lecture on Power System Analysis

Our department organized a Guest Lecture on “Power System Analysis” on 06.10.2023. Our chief guest Dr.N.Mohananthini, Associate Professor in the Department of Electrical And Electronics Engineering, Muthayamamal Engineering College, Rasipuram. The lecture provoked a keen interest among students, and our third-year EEE students benefited to a large extent.



A Value Added Course on “Industry Standard PCB Design

A Value Added Course on “**IndustryStandard PCB Design**” was organized by the Electrical and Electronics Engineering Department of Tagore Institute of Engineering and Technology. This add-on course received an overwhelming response by 98 participants from Electrical & Electronics Engineering from 07.08.2023 to 28.08.2023. The main objective of this add-on course is to provide comprehensive understanding of PCB design principles and practices, Enhance skills in using industry-standard design software tools, Familiarize students with the latest trends and technologies in PCB design and manufacturing, Prepare students for real-world challenges through hands-on experience and practical knowledge. **Dr.M.VijayaKumar**, M.E., Ph.D., Manager Research and Development, Indi Guard Systems Pvt Ltd, Thanjavur acted as a resource person for the add-on course.



Faculties' achievements

S.no	Staff name	Name of the event	Title	College/Conference /Journal name	Organized by	Date
1	Dr.T.DANIEL RAJ	Webinar	21 st Century Communication Skills powered by Artificial Intelligence	Chennai Institute of Technology	Chennai Institute of Technology	08.02.2024
		FDP	Art of Writing Research Articles and Funding proposals	Manakula Vinayagar Institute of Technology	Manakula Vinayagar Institute of Technology (IEEE STB-10831)	5 th December to 7 th December
2	Mrs.K.DHIVYA	Webinar	Residual Current Monitoring	Excel College of Engineering and Technology	Excel College of Engineering and Technology	16.08.2023
3	Mr.J.GOBALAKRISHNA N	FDP	Art of Writing Research Articles and Funding proposals	Manakula Vinayagar Institute of Technology	Manakula Vinayagar Institute of Technology (IEEE STB-10831)	5 th December to 7 th December
4	Mrs.M.ANITHA	Webinar	Residual Current Monitoring	Excel College of Engineering and Technology	Excel College of Engineering and Technology	16.08.2023
5	Mr.K.SIVAKUMAR	Conference ICET-2023	Centralized Monitoring System for street Light Fault Detection and Location Tracking	Selvam College of Technology	AICTE	21 st & 22 nd September 2023
		Conference ICET-2023	Automatic Public Light	Selvam College of Technology	AICTE	21 st & 22 nd September 2023
		Journal Publication	A Noval Method of variable P and O Based Solar Mppt Three Phase Grid Interfaced with Improved Power quality	PERIODICO di MINERALOGIA Volume 92, No. 5, 2023	-	-
		Conference ICETS'24	Empowering Aquatic Vigilance with Centralized Management	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024
6	Ms.D.SIVASANKARI	Journal Publication	A Noval Method of variable P and O Based Solar Mppt Three Phase Grid Interfaced with Improved Power quality	PERIODICO di MINERALOGIA Volume 92, No. 5, 2023	-	-
7	Ms.P.YOGAPRIYA	Webinar	Residual Current Monitoring	Excel College of Engineering and Technology	Excel College of Engineering and Technology	16.08.2023

8	Mr.P.SOUNDHARAPAN DIYAN	Webinar	21 st Century Communication Skills powered by Artificial Intelligence	Chennai Institute of Technology	Chennai Institute of Technology	08.02.2024
9	Mr.K.S.JEEVANANTHA N	Conference ICETS'24	Automatic Floor Cleaning Machine with Vaccum and Mob function	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024
		Journal Publication	A Noval Method of variable P and O Based Solar Mppt Three Phase Grid Interfaced with Improved Power quality	PERIODICO di MINERALOGIA Volume 92, No. 5, 2023	-	-
		FDP	Art of Writing Research Articles and Funding proposals	Manakula Vinayagar Institute of Technology	Manakula Vinayagar Institute of Technology (IEEE STB-10831)	5 th December to 7 th December
10	Ms.V.DEEPIKA	Conference ICET-2023	Vehicle Security System	Selvam College of Technology	AICTE	21 st & 22 nd September 2023
		Conference ICETS'24	Arduino Based Automatic Product Counting System	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024
		Conference ICETS'24	Street light Monitoring and Fault Localization System using Techniques	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024
		FDP	Entrepreneurship Development for Faculty in Energy Conservation Domains of Engineering and Technology Electric Vehicles	Anna University, Chennai	Anna University, Chennai	29.12.2023 to 12.01.2024
		Journal Publication	A Noval Method of variable P and O Based Solar Mppt Three Phase Grid Interfaced with Improved Power quality	PERIODICO di MINERALOGIA Volume 92, No. 5, 2023	-	-
11	Mr.V.DINESHRAJ	Conference ICET-2023	Solar Based Electric Vehicle Charging station	Selvam College of Technology	AICTE	21 st & 22 nd September 2023
		Conference ICETS'24	Power Tariff Reduction for Coir Manufactures A Comprehensive Approach	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024
		Conference ICETS'24	Automatic Noise Pollution Detection and Announcement System Using ESP32	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024

		FDP	Entrepreneurship Development for Faculty in Energy Conservation Domains of Engineering and Technology Electric Vehicles	Anna University, Chennai	Anna University, Chennai	29.12.2023 to 12.01.2024
		Journal Publication	A Noval Method of variable P and O Based Solar Mppt Three Phase Grid Interfaced with Improved Power quality	PERIODICO di MINERALOGIA Volume 92, No. 5, 2023	-	-
12	Ms.M.C.SUBASHINI	Conference ICETS'24	Ethical and Environmental implications of Drone Deployment in Fire Monitoring and Surveillance	Muthayammal College of Engineering	Muthayammal College of Engineering	20 th March 2024

Students' achievements

- Final year students T.Mani, J.Raghu, V.Anbarasan got first prize in project contest event in the National Level Technical Symposium AMPERE2k24 organized by Electrical and Electronics Engineering department of Selvam College of Technology on 17th April 2024



- Final year students M.Arun, M.Chandhru got Second prize in Connection event in the National Level Technical Symposium AMPERE2k24 organized by Electrical and Electronics Engineering department of Selvam College of Technology on 17th April 2024

- Final year students C.Praveen Kumar, M.Udhayakumar, C.Parthiban got First prize in the event of Project Expo in the SYMTRIC 2k24 National Level Technical Symposium held on 25-04-2024 at Muthayammal Engineering College, Rasipuram.



Students Placement Details 2023-2024

S.No	Students' Name	Company Name	Designation
1	ABDHUL KAREEM R	DELPHI TVS PVT LTD	PROJECT TRAINEE
2	ANBARASAN V	DELPHI TVS PVT LTD	PROJECT TRAINEE
3	ARUN M	ARRAA ENERGY PVT LTD	GRADUATE ENGINEER TRAINEE
4	DHINAGARAN M	DELPHI TVS PVT LTD	PROJECT TRAINEE
5	DHIVYABHARATHI M	DELPHI TVS PVT LTD	PROJECT TRAINEE
6	ELAKKIYA P	DELPHI TVS PVT LTD	PROJECT TRAINEE
7	EZHIL NILAVAN S	DELPHI TVS PVT LTD	PROJECT TRAINEE
8	GOKUL E	DELPHI TVS PVT LTD	PROJECT TRAINEE
9	JEBASTIN P	DELPHI TVS PVT LTD	PROJECT TRAINEE
10	KANCHANA E	DELPHI TVS PVT LTD	PROJECT TRAINEE
11	KAVIYA V	DELPHI TVS PVT LTD	PROJECT TRAINEE
12	LAVANYA K	DELPHI TVS PVT LTD	PROJECT TRAINEE
13	LOGESHWARAN A	DELPHI TVS PVT LTD	PROJECT TRAINEE
14	MANICKAVASAGAM T	ARRAA ENERGY PVT LTD	GRADUATE ENGINEER TRAINEE
15	MURALI K	ARRAA ENERGY PVT LTD	GRADUATE ENGINEER TRAINEE
16	NITHISWARAN P	DELPHI TVS PVT LTD	PROJECT TRAINEE
17	PARTHIBAN C	DELPHI TVS PVT LTD	PROJECT TRAINEE
18	PRABAKARAN S	DELPHI TVS PVT LTD	PROJECT TRAINEE
19	PRAKASH A	DELPHI TVS PVT LTD	PROJECT TRAINEE
20	PRAVEENKUMAR C	DELPHI TVS PVT LTD	PROJECT TRAINEE
21	PRIYA D	DELPHI TVS PVT LTD	PROJECT TRAINEE
22	PUGAZHENTHI S	DELPHI TVS PVT LTD	PROJECT TRAINEE
23	RAGU J	ARRAA ENERGY PVT LTD	GRADUATE ENGINEER TRAINEE
24	RAGUKRISHNAN B	NR VENTURES	PROJECT TRAINEE
25	RANJITH KUMAR S	DELPHI TVS PVT LTD	PROJECT TRAINEE
26	SABARINATHAN M	DELPHI TVS PVT LTD	PROJECT TRAINEE
27	SARANRAJ V	DELPHI TVS PVT LTD	PROJECT TRAINEE
28	SARAVANAN S	DELPHI TVS PVT LTD	PROJECT TRAINEE
29	SATHYA M	DELPHI TVS PVT LTD	PROJECT TRAINEE

30	SELVABHARATHI S	DELPHI TVS PVT LTD	PROJECT TRAINEE
31	SHEELA J	DELPHI TVS PVT LTD	PROJECT TRAINEE
32	SHOBANA K	DELPHI TVS PVT LTD	PROJECT TRAINEE
33	SILAMBARASAN S	DELPHI TVS PVT LTD	PROJECT TRAINEE
34	SINGARASU P	DELPHI TVS PVT LTD	PROJECT TRAINEE
35	SOWNDHARRAJAN R	DELPHI TVS PVT LTD	PROJECT TRAINEE
36	SOWNDHARYA M	DELPHI TVS PVT LTD	PROJECT TRAINEE
37	SRIGANAPATHY S	DELPHI TVS PVT LTD	PROJECT TRAINEE
38	SUGANTHI S	DELPHI TVS PVT LTD	PROJECT TRAINEE
39	SURYA A	DELPHI TVS PVT LTD	PROJECT TRAINEE
40	SURYA R P	DELPHI TVS PVT LTD	PROJECT TRAINEE
41	THAMIZHARASAN T	DELPHI TVS PVT LTD	PROJECT TRAINEE
42	THIRUMALAI K	DELPHI TVS PVT LTD	PROJECT TRAINEE
43	UDHAYAKUMAR M	DELPHI TVS PVT LTD	PROJECT TRAINEE

ACADEMIC YEAR: 2022-2023

S.No	Year	Title of the program	Date	Beneficiary	No.of Participants
1	2023	Industrial Visit	16/02/23	All the year students	114
2		Seminar & Workshop on Scope of Refrigeration And Air Conditioning	30/03/23	All the year students	114
3		Guest lecture on Embedded System	11/05/23	Third Year	53
4		Guest lecture on Transmission and Distribution	26/05/23 – 29/05/23	Second Year	46
5		Guest lecture on Modern Power Converters	05/06/23	Third Year	53
6	2022	Guest Lecture - Career Opportunities in Power Sector	27/04/22	All the year students	114
7		Value Added Course On Ups & EV	09/05/22	Third year students	53
8		Online Guest Lecture on Role of Power Electronics In Energy Transition Using Renewable Including EV's	18/05/22	Third & Final year students	69
9		Guest Lecture On Digital Signal Processing	05/12/22	Second & Third year students	99

ASSOCIATION INAUGURAL FUNCTION

The Department student Association was inaugurated on 22nd September 2022. The chief guest **Er. A. Sivaraman M.Tech.,MIE** Assistant Executive Engineer, TNEB, TANGEDCO, Ulundurpet delivered his inaugural address . In his lecture, validate your plans because more than planning executing is important. More than the execution, monitoring is important. Enhance your competence and become SMART. Describe about smart meters, importance of GATE exams and what the role of assistant engineer in TNEB.



TECHNICAL SYMPOSIUM-2K23

Our department organized One Day National Level Technical Symposium on 10.03.2023. Our honourable chief guest Mr. Kaarthick Subramanian, Director, HR, Agira technologies; Chennai presented an energetic and valuable speech to encourage our students for their betterment carriers in various.



Guest Lecture on Digital Signal Processing

Our department organized Guest Lecture on “**Digital Signal Processing**” on **05.12.2022**

Our chief guest **Mr.Boopathi**, Assistant Professor in the Department of Electronics And Communication Engineering, Dhanalakshmi Srinivasan Engineering College presented valuable interaction session about **Digital Signal Processing**.



Seminar & Workshop on Scope of Refrigeration and Air Conditioning

Our department organized Seminar & Workshop on “**Scope of Refrigeration and Air Conditioning**” on **30.03.2023**.

Our chief guest **ER.Ajith**, Project Engineer Venus Air corp presented valuable interaction session about Scope of Refrigeration and Air Conditioning.





- The department has inaugurated “ASSOCIATION INAUGURAL FUNCTION” On 22.09.2022 .The Chief Guest who attended the function was ER. A. SIVARAMAN M.TECH., MIE Assistant Executive Engineer, TNEB, TANGEDCO, Ulundurpet.
- The department has conducted Guest Lecture ON “DIGITAL SIGNAL PROCESSING” On 05.12.22. The Guest Lecture-MR.BOOPATHI, Assistant Professor in the department of Electronics and Communication engineering, Dhanlakshmi srinivasan engineering college.
- The department has conducted “TECHNICAL SYMPOSIUM-2K23” On 10.03.2023. The Chief Guest - MR.KAARTHICK SUBRAMANIAN, Director, HR, AGIRA Technologies, Chennai.
- The department has conducted SEMINAR & WORKSHOP On “SCOPE OF REFRIGERATION AND AIRCONDITIONING” On 30.03.2023. The Chief Guest was ER. AJITH, Project Engineer VENUS AIRCORN.
- The department has arranged “INDUSTRIAL VISIT” ON Kerala Electrical & Allied Engineering & CO, Mamala, Kochi, Kerala 16.2.2023.
- Our student T.Thamizharasan, S.Krishnaraj &R.Sowndharrajan, III rd year of EEE has appeared for the GATE exam.
- T.Thamizharasan III rd year has cleared GATE exam in the domain of electrical and electronics engineering.

- Our Department Final year student's batch of 2023 has placed in the company of VOLTECH Group with a salary package of 2.4 LPA.
- Our student of III year, M.Arun C.Parthiban V.Anbarasan has received third prize in project expo of "ENERGY SAVER WITH PERSON IN AND OUT COUNTER" organized by Idhaya Technological Incubation Centre, Idhaya Engineering College for Women.
- Our student of III year, S.Selvamathi and S.Ranjitha has received first and third prize in Essay Contest in "Kalam 2K22" organized by New KVM Jewellers, Kallakurichi.
- Our student of III year, S.Selvamathi has received first prize in Speech Contest @ மாபெரும் தமிழ்க்கனவு organized by Tamilnadu.



Won Second place in Quiz Competition organized by Selvam College of Engineering



Rank Holders



Winner of Speech competition in “மாபெரும் தமிழ்க் கனவு” organized by Tamilnadu



Winner of Essay Contest in “Kalam 2K22” organized by New KVM Jewellers, Kallakurichi

List of Candidates Placed in VOLTECH Pooled Off Campus Drive

S.No	Name	Batch	Designation	CTC
1	Lakshmanan.S	2022	Graduate Trainee Engineer	2.4 Lakhs/Annum
2	Arun.V	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
3	Chandru.A	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
4	Dinesh.M	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
5	Dinesh Kumar.R	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
6	Manoj.P	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
7	Muthuvel.P	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
8	Parkavi. B	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
9	Praveen Kumar.P	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
10	Suruthi.M	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
11	Gowtham R	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
12	Kowsick S	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
13	Ramachandran	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
14	Tamil Selvan K	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
15	Praveen Kumar.S	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum
16	Robiya S	2023	Graduate Trainee Engineer	2.4 Lakhs/Annum



Candidates Placed in VOLTECH Group of Companies

List of Students Appeared for GATE Examination

S.No	Name of the Student	Year/Department	Year of Exam Conduction	Status
1	T.Thamizharasan	III/EEE	2022-2023	Clear
2	R.Sowndharrajan	III/EEE	2022-2023	Appeared
3	S.Krishnaraj	III/EEE	2022-2023	Appeared

Intra College Project Expo

S.No	Name of the Student	Dept.	Title of the Project	Organizer	Year	Award
1	M. Udhayakumar V. Saranraj V.Anbarasan C. Parthiban	III/EEE	Electric Vehicle	TIET	2022-2023	First Place



Won First Prize in Intra College Project Expo



March-past -Third Place – Republic Day’2K23
Design of Real-Time Mini-Projects for College Campus Utility

S.No	Name of the Students	Year	Project Title
1	Aravinthkumar R	III	Electric Vehicle
2	Logeshwaran A	III	
3	Saranraj V	III	
4	Udhayakumar M	III	
5	Mani T	III	
6	Prabakarans	III	
7	Saravanan S	III	
8	Ragukrishnan B	III	
9	Arun M	III	Solar Powered 2D Printer
10	Chandru M	III	
11	Prakash A	III	
12	Singarasu P	III	
13	Kanchana E	III	
14	Sathya M	III	
15	Sountharya S	III	
16	Sowndharya M	III	
17	Kirubavalan S	III	Deployment of Solar Powered Inverter for Water Dispenser
18	Jebastin P	III	

19	Ranjithkumar S	III	
20	Murali K	III	
21	Bhavadharani V	III	
22	Priya D	III	
23	Selvabharathi S	III	
24	Sheela	III	
24	Dhivya Bharathi M	III	Validation of Battery Storage Performance In Solar Fed Water Dispenser
25	Kaviya V	III	
26	Ranjitha S	III	
27	Surya R.P	III	
28	Dhinakaran M	III	
29	Ezhil Nilavan S	III	
30	Sowndharrajan R	III	
31	Sriganapathy S	III	
32	Manickavasagam T	III	A Cost Effective Solar Powered Led Street Light
33	Manivasu M	III	
34	Surya A	III	
35	Jayaprakash P	III	
36	Pugazhenth S	III	
37	Ragu J	III	Solar Charging Station
38	Gokul E	III	
39	Sabarinathan M	III	
40	Thirumalai K	III	
41	Silambarasan S	III	
42	Anbarasan V	III	
43	Parthiban C	III	
44	Praveenkumar C	III	
45	Thamizharasan T	III	
46	Abdhulkareem S	III	
47	Krishnaraj S	III	
48	Nithiswaran P	III	

Solar Powered Water Dispenser



Solar PV Driven Street Light and Control



A Cost Effective Solar Powered LED Street Light



Electric Vehicle





Solar Charging Station



Implementation and Monitoring of Solar PV System



Solar PV Fed 2D Printer



Design of Real-Time Projects for College Campus Utility

S.No	Name	Year	Batch	Project Title
2	Arun.V	IV	2023	Electric Car
3	Chandhru.A	IV	2023	
4	Dinesh.M	IV	2023	
5	Dinesh Kumar.R	IV	2023	
6	Manoj.P	IV	2023	
7	Muthuvel.P	IV	2023	
8	Parkavi. B	IV	2023	
9	Praveen Kumar.P	IV	2023	
10	Suruthi.M	IV	2023	
11	Gowtham R	IV	2023	
12	Kowsick S	IV	2023	
13	Ramachandran	IV	2023	
14	Tamil Selvan K	IV	2023	
15	Praveen Kumar.S	IV	2023	
16	Robiya S	IV	2023	





ACADEMIC YEAR: 2021-2022

Guest Lecture on Career Opportunities in Power Sector

Our department organized Guest Lecture on “**Career Opportunities in Power Sector**” on 27.04.2022

Our chief guest **Dr.S.Selvam, Director/HOI, National Power Training Institute (Sr), Neyveli** presented valuable speech to encourage our students for their betterment of Career Opportunities in Power Sector. Describe about industry expectation skills and interact with the students how to improve the skills and knowledge.



Value Added Course on UPS & EV

Our department organized **Value Added Course** on “**UPS & EV**” on 09.05.2022.

Our chief guest - Mr.A.Arulprabakar M E., Deputy Manager, NSIC, Chennai presented valuable speech to the students about “**UPS & EV**”.



Online Guest Lecture on Role of Power Electronics InEnergy Transition Using Renewable Including EV'S

Our department organized Guest Lecture on “**Role of Power Electronics in Energy Transition Using Renewable Including EV's**” on 18.05.2022.

Our chief guest - **Dr.S.Gomathinayagam, Former Director General, NIWE- National Institute of Wind Energy, Chennai** presented valuable speech to the students about role of “Role of Power Electronics in Energy Transition Using Renewable Including EV’s”.



FACULTIES

Journal Publications

S.No	Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISBN/ISSN Number
1	Development of Battery Energy Management System for EV Charging Station	Mr.V.Dineshraj	EEE	IRO Journal	2022	ISSN: 2582 2640
2	ANN Based MPPT for Electric Vehicle Charging Station			IJARSCT Journal	2022	ISSN: 2581 9429
3	Design and Implementation of Battery Management System for Electric Vehicle Charging Station	Ms.V.Deepika	EEE	Annals of Romanian Society for Cell Biology (ARSCB)	2021	ISSN:1853 6258
4	Design and Development of E – Vehicle Based on Roller			International Journal of Advanced Research in Electrical	2021	ISSN:2278 8875
5	Fully Automated Intelligent Starter for Induction Motor Protection with Industrial			International Journal of Multidisciplinary Research in Science,	2022	ISSN:2582 7219

	Applications			Engineering and Technology		
6	“Study of Integrated Inverter/Converter Circuit of a Motor Drive for EV/HEV Applications	Mrs.K.Rajamohana	EEE	International Journal of Control Theory and Applications (IJCTA), International Science Press	2017	ISSN: 0974-5572
7	Investigation of integrated Converter Circuit and enriched error tolerant Fuzzy Logic Controller Based Control Approach for Solar Power EV System			Circuit World	2022	ISSN: 0305 6120
8	Implementation of Interleaved boost converter using sic diodes in residential PV pre regulator application	Mr.K.Sivakumar	EEE	International Journal Of Advance in Engineering and Technology		ISSN: 0974-5572
	Review of security awareness in IOT			International Journal of science and advance research in technology		ISSN: 0305 6120
9	Analysis And Simulation Of Interleaved Boost Converter For Residential Pv Pre Regulator Applications			International Journal Of Applied Engineering And Technology		
	Raspberry Pi based Military surveillance system using NFC and IoT			International Journal Of Applied Engineering And Technology		
10	Implementation of RSSI to increase carrier signal for movable and fixed WSN”			International Journal Of Applied Engineering And Technology Volume		
	“Designing of Single Phase Shunt Active Filter Using Instantaneous Power Theory			International Journal of Electrical and Electronics Research		
11	Transient Stability Analysis Using Separate Adaptive Fuzzy Control Strategy In UPFC With SMES In Hybrid Power System	Mr.K.S.Jeevananathan	EEE	In International Journal Of Applied Engineering Research,		
12		Ms.D.Sivasankari	EEE			ISSN :2348-6988

Conference Publications

- V. Dineshraj and V. Prasanna Moorthy, “Development of Battery Energy Management System for EV Charging Station,” in proceedings of National Conference On Electrical And Instrumentation Systems (NCEIS’22), held at Government College of Technology(Autonomous), Coimbatore , April 28,2022.
- V. Dineshraj, “High Geared Stable Power Formation In Grid Connected Solar Energy System,” in proceedings of 9thNational Conference Trends in Engineering Applications And Management (NCTEAM’17) held at Velalar College of Engineering and Technology, Erode, March 10,2017.
- K.Sivakumar, “Analysis And Simulation Of Interleaved Boost Converter For Residential Pv Pre-Regulator Applications” in the National conference on advanced communication,computing and power system(NCACPPS 2K19).
- K.Sivakumar, “Raspberry Pi based Military surveillance system using NFC and IoT” in the National conference on advanced communication, computing and power system(NCACPPS 2K19).
- K.Sivakumar, “IOT Based Monitoring and Control of Assembly Line Improving Time and Production Efficiency ” in the National conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE’21) Organized by Department of Electrical and Electronics Engineering ,Kings College of Engineering on 12th April 2021.
- K.Sivakumar, “Low Cost Sewage Pipe Cleaning And Inspection Robot ” in the National conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE’22) Organized by Department of Electrical and Electronics Engineering ,Kings College of Engineering on 10th June 2022.
- K.Sivakumar, “Arduino Based Alcohol Detector Engine Lock With GSM and GPS ” in the National conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE’22) Organized by Department of Electrical and Electronics Engineering ,Kings College of Engineering on 10th June 2022.
- K.Sivakumar, “Implementation of RSSI to increase carrier signal for movable and fixed WSN ” in the 2nd International Conference on Intellectual Research in Science, Engineering and Management (ICIRSEM 2022) Organized by Department of Electrical and Electronics Engineering, St.Joseph’s College of Engineering and Technology on 28th May 2022.
- K Rajamohana, “Study of Integrated Inverter/Converter Circuit of a Motor Drive for EV/HEV Applications” in a TEQIP-II sponsored International Conference on Contemporary topics in Power Engineering and Aiding Technologies (ICCPEAT2017) on 24th Feb 2017, conducted at “Pondicherry Engineering College”, Pondicherry.

- K Rajamohana, “Integrated Inverter/Converter Circuit for Improving Torque in EV/HEV Applications” in International Conference on Emerging Trends in Engineering and Technology (ICETET’18) on 9th March 2018, conducted at “Pandiyar Saraswathi Yadav Engineering College”, Sivagangai.

STUDENTS

- M.Arun C.Parthiban V.Anbarasan, III year has received third prize in project expo of “ENERGY SAVER WITH PERSON IN AND OUT COUNTER” organized by Idhaya Technological Incubation Centre, Idhaya Engineering College for Women.



- The department has organized Guest lecturer on “CAREER OPPORTUNITIES IN POWER SECTOR” on 27.04.2022. The Chief Guest was DR.S.SELVAM, Director/HOI, National Power Training Institute (sr), Neyveli.
- The department has organized online Guest lecture on Role of Power Electronics in “ENERGY TRANSITION USING RENEWABLE INCLUDING EV’S” on 18.05.2022. The chief guest was DR.S.GOMATHINAYAGAM, Former Director General, NIWE- National Institute of Wind Energy, Chennai.
- The department has conducted “VALUE ADDED COURSE ON UPS & EV” on 09.05.2022. The Chief Guest was MR.A.ARULPRABAHAR M E., Deputy Manager, NSIC, Chennai.

S.No	Student Name	Year	Event	Organizers	Date
1	Karthik S	IV YEAR	National Workshop on Embedded Systems &Autonomous Robotics	Centre For Robotics, ,Department of EEE Gnanamani College of Technology	05.03.2022
2	K.R.Selvakalpana	IV YEAR	Milky Way Quiz	Department of Physics, Bharathiyar Arts And Science College For Women	2022
3	C. Praveen Kumar	II YEAR	National Level Workshop -EV Battery Management System And Its Fault Diagnosis	Department Of EEE - Paavai Engineering College	30.05.2022
4	M.Udhaya Kumar		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
5	V.Anbarasan		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
6	P.Nithiswaran		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
7	S.Sriganapathy		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
8	T.Thamizharasan		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022

9	A.Prakash		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
10	V.Saranraj		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
11	S.Silambarasan		National Level Workshop -EV Battery Management System And Its Fault Diagnosis		30.05.2022
12	N.Nandhakumar	IV YEAR	National Seminar On Challenges And Technical Solutions On Internet Of Things For Industrial Automation	Department of EEE - Mahendra Institute of Technology	07.04.2022 & 08.04.2022
13	M.Suruthi	III YEAR	National Seminar On Challenges And Technical Solutions On Internet Of Things For Industrial Automation		07.04.2022 & 08.04.2022

Academic Year: 2020-2021

S.No	Student Name	Year	Event	Organizers	Date
1	Mathiyazhagan M	IV	Online Workshop on Start Up-Pitching Workshop & Linkage of Innovators With Innovation Ambassadors	Department of CSE & It Narasu's Sarathy Institute of Technology	08.01.2021
2	Karthiga M	IV	National Workshop on Embedded Systems &Autonomous Robotics	Center For Robotics ,Department of EEE Gnanamani College of Technology	05.03.2021
3	Sandhiya S	IV	E-Quiz On Computer Basics	Dr.T.Thimmaiah Institute of Technology	20.05.2021-22.05.2021

Academic Year: 2019-2020

S.No	Student Name	Year	Event	Organizers	Date
1	Premkumar S	IV	National Level Workshop on Programmable Logic Controllers SCADA VFD	Prolific	17.02.2020- 03.03.2020
2	Prathiman V	IV			17.02.2020- 03.03.2020
3	Prakash S	IV			17.02.2020- 03.03.2020
4	Pradeep K	IV			17.02.2020- 03.03.2020
5	Ponmani D	IV			17.02.2020- 03.03.2020
6	Muthukumaran T	IV			17.02.2020- 03.03.2020
7	Ranjithkumar K	IV			17.02.2020- 03.03.2020
8	Anusiya M	IV			17.02.2020- 03.03.2020
9	Arputharaj L	IV			17.02.2020- 03.03.2020
10	Arulkumar R	IV			17.02.2020- 03.03.2020
11	Arulprasath B	IV			17.02.2020- 03.03.2020
12	Ashika R	IV			17.02.2020- 03.03.2020
13	Bharathi K	IV			17.02.2020- 03.03.2020
14	Gopinath K	IV			17.02.2020- 03.03.2020
15	Gunaseelan A	IV			17.02.2020- 03.03.2020

16	Hepriya P	IV			17.02.2020-03.03.2020
17	Jayabalaji S	IV			17.02.2020-03.03.2020
18	Rajan T	IV			17.02.2020-03.03.2020
19	Sriganapathy S	IV			17.02.2020-03.03.2020
20	Meena Muthusamy	IV			17.02.2020-03.03.2020
21	Lakshmanan S	IV			17.02.2020-03.03.2020
22	Sriganapathy S	IV			17.02.2020-03.03.2020
23	Sriganapathy S	IV			17.02.2020-03.03.2020
24	Velmurugan K	IV			17.02.2020-03.03.2020
25	Sivaraman E	IV			17.02.2020-03.03.2020
26	Iyappan S	IV			17.02.2020-03.03.2020
27	Kaviya V	IV			17.02.2020-03.03.2020
28	Kirubakaran M	IV	National Workshop On Embedded Systems &Autonomous Robotics	Center For Robotics, Department of EEE Gnanamani College of Technology	05.03.2020