



**KUMARAGURU**  
Institutions

**TRENZETTER'23**

NEWSLETTER



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## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**June To December (2023)**



## **EDITORIAL MESSAGE:**

The Department of Electrical and Electronics has recorded consistent improvement in its academic, research and placement performance. The department offers a range of innovatively designed programs, and the curricula is constantly updated to meet the changing requirements of the industry and meet the needs of major stakeholders. When publishing these newsletters, the only thing I had in mind is that the Newsletter should reflect the outlook of the department in all aspects. Hereby, I take the responsibility of ensuring the continuity of the issues in the years to come with improvements and richness every time. I am pretty sure that you will get a lot of useful information reading it and the unbounded educational activities will make you Explore, Enrich and Enlighten.

**Ms. R.S.SANDHYA DEVI, AP - II/EEE**

**(EDITOR IN CHIEF)**



## **VISION**

To be a Centre of Excellence in Globalizing Education and Research in the field of Electrical and Electronics Engineering.

## **MISSION :**

- Empower the students with state-of-art knowledge to excel as eminent electrical engineers with multi-disciplinary skills.
- Emphasize social values and leadership qualities to meet Industrial needs, societal problems and global challenges.
- Enable the technocrats to accomplish impactful research and innovations.



# Message from HoD's Desk



The Newsletter Trenzetter'23 showcases the bright, colorful yet technical and innovative vibes of both students and academicians and together their involvement in many of the ongoing and futuristic events and projects. Many of these potential interactions on the technical and outreach activities happen during the afterhours and indeed the real learning takes place after the scheduled hours.

I congratulate all the student members and my colleagues who have been a great support in making things possible. The department is scaling up in placement percentage and higher studies track with the support of our faculty members and students' involvement. I wish all the students Best Wishes for their future endeavors .

I'm grateful to the entire faculty team for their excellent support for their guidance and support to the students in both academic and extracurricular activities.

This newsletter is a book of all the remarkable moments of Team EEE

Thank You

**Dr. K MALARVIZHI**

**Head of the Department**



## LIST OF FACULTY

S.No	Faculty Name	Signature
1.	Dr.K.Malarvizhi	Prof &Head
2.	Dr.P.Thirumoorthi	Professor
3.	Dr.K.Paramasivam	Professor
4.	Dr.K.Premalatha	Associate Professor
5.	Dr. V. Kandasamy	Associate Professor
6.	Dr. R. Kavitha	Associate Professor
7.	Dr .M. Mohanraj	Associate Professor
8.	Dr. B. Karunamoorthy	Associate Professor
9.	Dr.N.Vinoth Kumar	Associate Professor
10.	Dr. M. Nirmala	Assistant Professor III
11.	Dr. N. Prakash	Assistant Professor III
12.	Dr. T. Shanthi	Assistant Professor III
13.	Dr. S. Kaliappan	Assistant Professor III
14.	Dr. Suganthi S T	Assistant Professor III
15.	Mr. J. Ram Prabu	Assistant Professor II
16.	Ms. R. S. Sandhya Devi	Assistant Professor II
17.	Ms. P. Maithili	Assistant Professor II
18.	Ms. G. Anushree	Assistant Professor II
19.	Ms. D. Sharmitha	Assistant Professor II
20.	Mr. N.MohanaSundaram	Assistant Professor II
21.	Mr. M.Mathan Kumar	Assistant Professor II
22.	Mr. S.Arun Kumar	Assistant Professor II
23.	Mr. Ravichandran M	Assistant Professor I



**Experience the Joy of Learning After Class Hours  
The Value-Added Courses**

**June '23 – December '23**

The Department of EEE, Kumaraguru College of Technology, Coimbatore inculcates Value Added Education to enhance student's technical and employability skills. Resource experts are invited from the industries for most of the courses and the domains covered include Virtual instrumentation, Green buildings, EVs, Embedded and Energy.

**Value added Course on Modelling and Performance Analysis of Power Electronic Converters for Static and Dynamic Load using MATLAB**

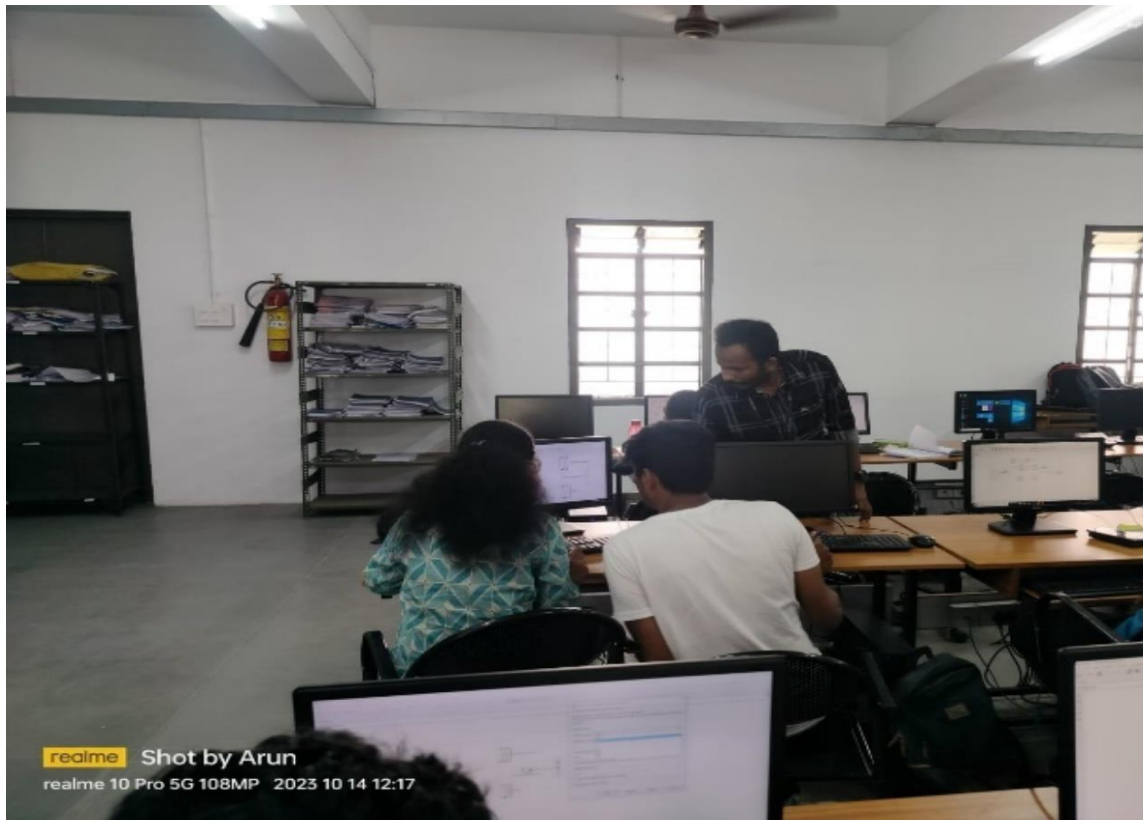
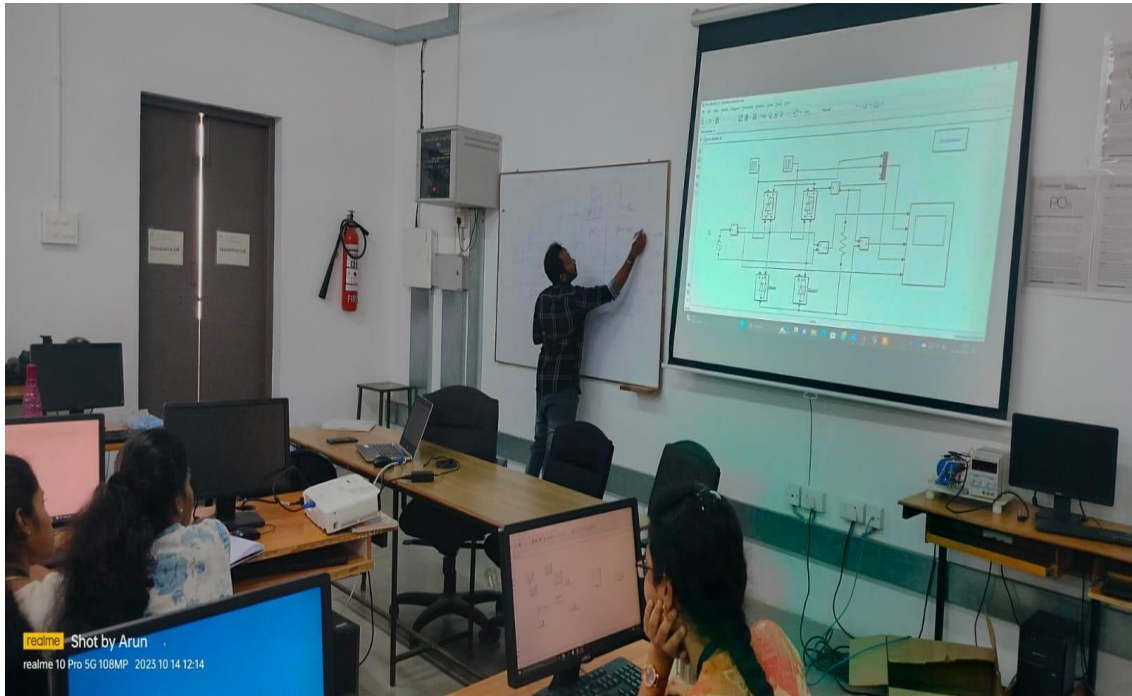
**-As a part of Power Electronics Course**

**October 14-15, 2023**

**(Organized by Mr.S. Arunkumar & Team)**

The session was handled by Mr. M Vishvanath, Research Scholar, National Institute of Technology, Puducherry and Mr. S Arunkumar, AP II, Department of EEE, Kumaraguru College of Technology, Coimbatore

The students actively participated and interacted with us. They got to understand the performance of Power Electronic converters on different loading and working conditions. Also, they have witnessed how the waveform got varied with respect to different loading conditions with the help of simulation results they have obtained.





**Value Added Program on PCB Design**  
**October 30-31, 2023**  
**(Organized by Ms. G. Anushree & Team)**

The Value Added Program on PCB Design equipped participants with practical skills, theoretical knowledge, and industry insights, significantly enhancing their proficiency and employability in the field of PCB design. Enhanced Knowledge of PCB Design- Participants gained a thorough understanding of the fundamentals of PCB design, including layout considerations, material selection, and design rules.

Attendees were trained in using KiCAD software enhancing their ability to create and modify PCB layouts effectively. Students learned about the various steps involved in PCB manufacturing, including etching, drilling, and soldering, providing a comprehensive view of the end-to-end process.









## Curriculum Committee Meeting December 2023

The Department of EEE conducted the Board of Studies (BoS) meeting for the AY 2023-2024 as per UGC guidelines. The composition of the committee members is as follows:

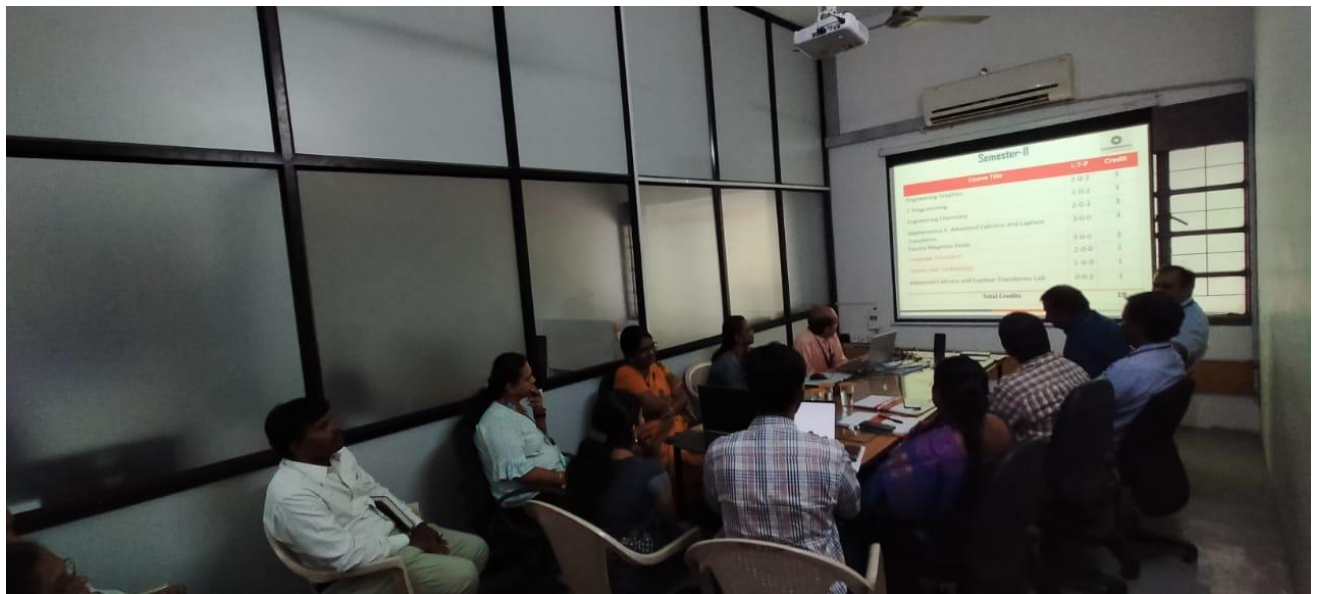
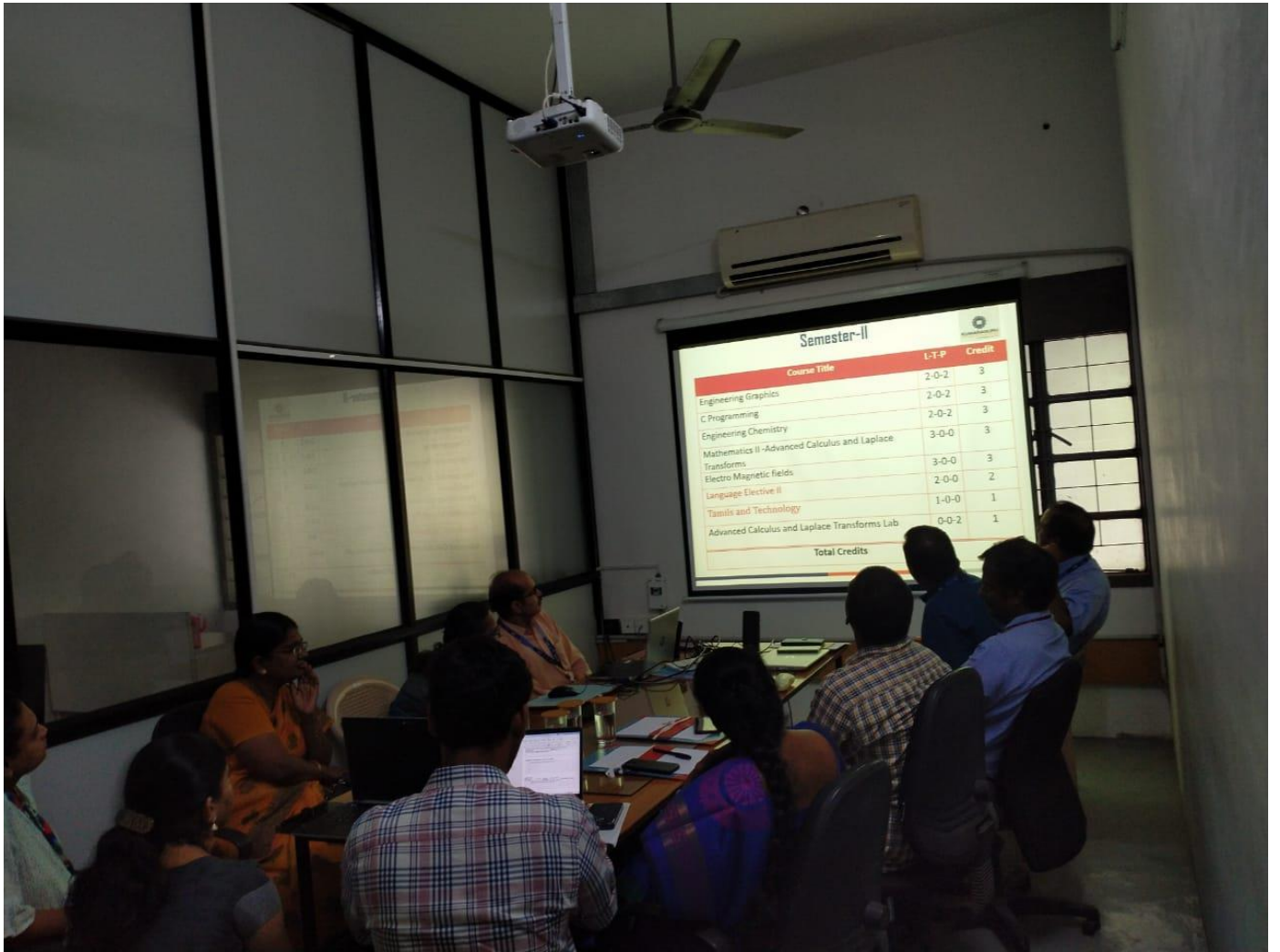
S. No	Name	Designation as per UGC	Designation / Affiliation with full contact details
1.	Dr. K. Malarvizhi.	Chairman	Professor and Head, Department of Electrical and Electronics Engineering, Kumaraguru College of Technology, Coimbatore - 641 049.
2.	Dr. A.S. Wincy Pon Annal	Anna University Nominee	Associate Professor, Department of Electronics & Instrumentation Engineering, Government College of Technology, Coimbatore.
3.	Dr. G. Saravana Ilango	Subject Expert	Professor Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli
4.	Dr. Balamurugan S	Subject Expert	Chairperson   Professor, Department of Electrical and Electronics Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore
5.	Ms. Gayathri J	Expert from Corporate related to Placement	Bosch Global Software Technologies PVT Ltd, CHIL SEZ, Keeranatham.

6.	Mr. Lakshmiprasad CN	Alumni Member	Junior Telecommunications Officer, Bharat Sanchar Nigam Limited, Coimbatore.
7.	Dr. K. PARAMASIVAM	Program Co-Ordinator UG	Professor Department of Electrical and Electronics Engineering, Kumaraguru College of Technology, Coimbatore
8.	Dr. R. Kavitha	Board of Studies Coordinator - UG	Associate Professor Department of EEE, Kumaraguru College of Technology, Coimbatore

Dr. Malarvizhi K proposed the welcome address, presented the agenda, and introduced the panel members. Dr.K.Paramasivam, Program Co-Ordinator UG presented the Vision, mission , PEO and PO statements , Action taken report and the Curriculum and syllabi.

- The Panel of Examiners for AY 2023-24 is approved by the panel.
- Overview of R2024 curriculum draft and syllabi is presented for UG.
- R2024 curriculum Electives are grouped as separate Track - Power and Energy Systems, Embedded system and Computer Technology, Automotive Electronics and Electric Vehicle Technology and Automation and control.
- Targets for CO / PO for Academic Year 2023-24 is presented. Members recommended having targets based on the attainment of previous years and it need not be fixed based on knowledge levels. The Targets for various COs, POs/PSOs prescribed for the forthcoming semester is approved.
- Curriculum feedback obtained from various stakeholders are discussed and action taken is presented.
- Honors degree on Electric Vehicles is proposed with 18 credits and discussions are made based on it.

The meeting concluded with all the suggestions of the experts and actions to be taken followed by vote of thanks.





## **Workshop on IEEE Control Systems society & Power and energy society- KCT Student Branch**

**October 9<sup>th</sup>, 2023**

**-by Mr. N. Mohana Sundaram & Team**

On 9th October 2023, the workshop was held on the topic of “ELECTRIC VEHICLE” at B Block Embedded lab. The speaker was Dr. N Vinoth Kumar -Associate Professor from the Department of Electrical and Electronics Engineering. The workshop provided insights on

technical aspects of EVs, explaining concepts like battery technology, market surveys, and motors. This workshop also provided a clear idea of job opportunities in EV.

### **Event Outcome:**

Participants gained a better understanding of electric vehicles, its operation, and the environmental benefits. Electric vehicles are simpler in design. They have fewer moving parts as compared to ICE vehicles. EVs emit zero emissions and reduce noise. There is no need to face fuel price hikes.





## Faculty Corner

Dr. M.Mohanraj, Associate Professor of EEE, delivered a one day webinar on Modern Transmission and Distribution at Sri Ranganathar Institute of Engineering and Technology on August 25<sup>th</sup>, 2023.

**SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
 Accredited by NAAC with 'A+' Grade & ISO 9001:2015 Certified Institution  
 Athipalayam, Coimbatore - 641 110, Ph:0422 2697792, www.sriet.ac.in

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
 INSTITUTION'S INNOVATION COUNCIL

**EMEEER ASSOCIATION PRESENTS**  
 One Day Webinar on  
**Modern Transmission and Distribution**

**Speaker**  
**Dr.M.Mohanraj, M.E., Ph.D.,**  
 Associate Professor, Department of EEE  
 Kumaraguru College of Technology, Coimbatore

Date : 25.08.2023 Time: 03.00 pm

**Over View about GTD**

11,200 volts, 66,000 volts, 11,200 volts

Generating Station, Transmission Substation, Transmission Lines, Transmission Substation, Power Transformer, Distribution Substation, Distribution Lines

Generator, Transformer, Transmission Line, Subtransmission Line, Distribution Transformer, Distribution Line

Coimbatore, Tamil Nadu, India  
 Sri Ranganathar institute of engineering and technology, Athipalayam,coimbatore 641110.  
 Lat 11.128836°  
 Long 76.986102°  
 25/08/23 03:05 PM GMT +05:30

**GPS Map Camera**

Coimbatore, Tamil Nadu, India  
 Sri Ranganathar institute of engineering and technology, Athipalayam,coimbatore 641110.  
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 Long 76.986102°  
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## NPTEL and IITs - Faculty Participation

S.No.	Name	Duration	Level of Participation
1	N. Mohana Sundaram	20.12.2023	INSPIRE MANAK Reviewer
2	Kavitha R	Oct-23	TOP 5% in NPTEL Digital circuits Exam
3	N. Mohana Sundaram	Jun-23	NPTEL Star
4	N. Mohana Sundaram	Oct-23	NPTEL Translator (Electrical Machines II - 1)

## Outreach Program by EEE Faculty Members

S.No.	Name	Duration	Level of Participation
1	Dr K Premalatha	18-11-2023	IEEE HAC INNOVESTA PROJECT EXPO TO SCHOOL STUDENTS, VALAYAPALAYAM.
2	Dr P Thirumoorthi	27.12.2023	Energy Audit at KSR college of Engineering associated with Nature Science Foundation
3	Dr P Thirumoorthi	2.10.2023	Energy Audit at VSB Engineering College associated with Nature Science Foundation







## Sponsored Research Grants – Ongoing

The following research projects are undertaken by our faculty team.

S.No.	Name	Duration	Level of Participation
1	Dr. K. Premalatha	(2023-2024) 6 months/IEEE- B/Rs.41000/-	Bridging Digital Inequalities amongst the Urban and Rural School Students
2	Dr. P. Thirumoorthi	(2022-2024) 18months/SEED/ Rs.2,00,000/-	Smart Energy Harvest and Storage for electric vehicle onboard charging
3	Dr. K Paramasivam	(2022-2024)18 months/SEED/ Rs. 1,96,000/-	Design and Fabrication of Memristor Device for High Performance Bio inspired Image Processing Architecture
4	Dr. K. Premalatha/ Dr.R.Kavitha	(2022-2024) 18months/SEED/Rs. 1,30,000/-	Smart energy monitoring and data analytics using LoRAWAN



## Research Publications by our Faculty June'23 to December'23

S.No.	Name	Duration	Level of Participation
1	Kavitha R	THD Minimization and Reliability Analysis of Cascaded Multilevel Inverter.	Journal of Circuits, Systems and Computers- SCI,SCOPUS
2	Dr.K.Malarvizhi	J Spider Monkey Optimization Based Optimal Sizing of Battery Energy Storage for Micro-Grid.	Tehnicki vjesnik - Technical Gazette, 30(5),ISSN 1330-3651 (Print), ISSN 1848-6339 (Online)- SCI,SCOPUS
3	Dr.K.paramasivam	PAN and MS satellite image fusion using fast guided filter and PSO segmentation	Springer-Sadhana- SCI,SCOPUS
4	Dr.K.Malarvizhi	Weed detection in agricultural fields via automatic graph cut segmentation with Mobile Net classification model	Springer- Signal, Image and Video Processing - SCI,SCOPUS
5	Ms. Sandhya Devi R S	Transfer Learning based Image Classification of Diseased Tomato Leaves with Optimal Fine-Tuning combined with Heat Map Visualization	Journal of Agricultural Sciences - SCI,SCOPUS




6	Dr. V. Kandasamy	Electric vehicle parameter identification and state of charge estimation of Li-ion batteries: Hybrid WSO-HDLNN method. .	ISA transactions.
7	Dr. M. Mohanraj	Investigation on the microstructural, optical, electrical, and photocatalytic properties of WO <sub>3</sub> nanoparticles: An effect of Ce doping concentrations.	Journal of Materials Science: Materials in Electronics.



**Industrial Visit to Kadamparai Powerhouse  
September 29<sup>th</sup>, 2023**

TAMILNADU GENERATION AND DISTRIBUTION CORPORATIN LIMITED

From  
Er.K.Ganesamoorthi, B.E.,  
Superintending Engineer,  
Kadamparai Generation circle,  
Minparai-642 101.

To  
The Principal,   
Kumaraguru College of Technology  
Coimbatore District – 641 035.

Lr. No. : 8998/SE/KGC/Min/Adm-3/JA/F.Indust.Visit/2023, Dt.22.09.2023

Sir,

Sub: Industrial Visit - Permission Accorded to Visit the Kadamparai Power House  
On 29.09.2023 – Regarding.

Ref: E-Mail Dated: 21.09.2023.

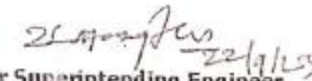
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As per the reference cited above, The Principal, Kumaraguru College of Technology, Coimbatore is requested to visit Kadamparai Power House on 29.09.2023 with 34 students. Hence, the permission is hereby accorded to visit the said power house on 29.09.2023 with 34 students subject to the conditions stipulated in the annexure-I. Any violation in this regard will be viewed seriously.

Before visit, as per our rules and regulations for one day industrial visit, a nominal fee of Rs.100/- per student including GST, totally Rs.3400/- for 34 students should be paid from the College Account by NEFT/ECS to the Superintending Engineer, Kadamparai Generation Circle, Account Number : 11103894262, IFSC Code : SBIN0000899, State Bank of India, Pollachi Branch and the same should be submitted to this office to get the receipt.

An acknowledgement to this letter may be sent to this office for confirmation.

Encl: Annexure-1

  
For Superintending Engineer,  
Kadamparai Generation circle,  
Minparai.



Third year EEE students visited Kadamparai Powerhouse as part of an educational tour and had insights on Powerhouse departments and activities carried out by each cell and an outline on Project sites activities.

# PARTNERSHIPS WITH UNIVERSITI TEKNOLOGI BRUNEI (UTB)



## Building Partnerships with UTB (Campus Visit)

Date: 07.12.2023

Time: 10:00 AM – 05:00 PM (IST)

Facilitator: Dr. Suganthi ST, Assistant Professor – Electrical Engineering, KCT.

### Key Participants

1. Dr. Sheik Mohammed Sulthan, Deputy Director of Centre for Transport Research & Assistant Professor in Electrical Eng., Universiti Teknologi Brunei.
2. Dr. Saravanan D, Principal – Kumaraguru College of Technology.
3. Dr. Satish Kumar Sagadevan, Associate Director – Kumaraguru Office of International Relations and Sakthi Excellence Academy.
4. Mr. Kishore Rangarajan – Executive – Kumaraguru Office of International Relations and Assistant Professor – Automobile Engineering, Kumaraguru College of Technology.
5. Dr. Suganthi ST, Assistant Professor – Electrical Engineering, Kumaraguru College of Technology.

On December 7, 2023, the Deputy Director of Centre for Transport Research at Universiti Teknologi Brunei's graced the Kumaraguru Campus with his visit, signalling the start of collaborative efforts to build a meaningful connection between UTB and KCT.

# Workshop on “Smart Solutions for a Sustainable Future

A workshop on the topic focusing smart grid solutions for sustainable future was organized to cater to the Electrical and Automobile Engineering students. Dr. Suganthi ST, warmly welcomed all participants, expressing genuine appreciation for their presence. She emphasized the paramount significance of sustainable solutions in the swiftly evolving technological landscape.

Dr. Sheik Mohammed Sulthan presented a thorough session on "Smart Solutions for a Sustainable Future," addressing key topics:

a. Sustainable Living

Highlighting the significance of adopting eco-friendly practices in daily life.

b. Smart Grid

Exploring innovations in grid technology for efficient energy management.

c. Smart Mobility

Discussing advancements in intelligent transportation systems for sustainable urban mobility.

d. EV Types

Exploring various types of electric vehicles and their role in reducing carbon emissions.

e. Sustainable Goals

Outlining global sustainability goals and the role of technology in achieving them.



## Student Interaction:

The participants actively engaged in thought-provoking discussions, exchanging ideas, and sharing insights on smart solutions for sustainability.



## Research Discussions

The principal warmly greeted Dr. Sheik Mohammed Sulthan from the University Technology Brunei, Brunei. During the welcome, the principal provided a detailed overview of KCT's history, facilities, academic culture, and ongoing research projects. In particular, he delved into the EV journey at KCT, shedding light on the battery management team and emphasizing the research objectives of the Centre for Energy. The principal expressed his joy at the prospect of collaborating with UTB, Brunei.

Dr. Sheik Mohammed Sulthan, provided detailed information, introducing UTB, presenting research centers, and outlining agricultural research areas



in Brunei. Also, he listed the areas for the possible collaborations with a presentation. Furthermore, He discussed on the matching grant clarified the concept of a matching grant, encouraging joint projects by contributing \$2000 from each collaborating institution. Fund management, however, remains within the institution.

Dr. Geethakarathi A, Associate Professor in Civil Engineering highlighted her research on waste and water management with relevant grants she had worked on and put forward her interests in sending PG students to UTB. In addition, she expressed her interest to collaborate with MohamedHasnain Isa – a Professor, Universiti Teknologi Brunei on sustainability and water management projects.

In the realm of Transportation Engineering, Ms. Anitha A, articulated potential collaboration areas such as Accident Studies, Pavement Materials, Traffic Studies, Modal Choice, and Route Assignment—aligning with UTB's research focus. Additionally, she spotlighted completed student projects, including endeavours like Road Safety Innovations, Identifying Accident Hotspots, and Soil Resource Mapping using GIS for agricultural land.

Dr. Thenmozhi G, Associate Professor and Mr. Kishore R, Assistant Professor in Automobile Engineering, provided insights into their research interests in BLDC Motor Design and Energy Storage, she detailed the specifications of the BLDC Motor crafted specifically for electric two-wheelers. Furthermore, discussed their research focus on the design of Metal Air batteries, including collaborations under non-disclosure agreements with Fraunhofer IKTS, Germany. Noteworthy ongoing projects were emphasized, including BLDC motor development for defence and aerospace applications, as well as tandem motor design.

Dr. Nandeesh Kumar K, Associate Professor in Electronics and Communication Engineering, conveyed his keen interest in collaborating on research projects with UTB, particularly focusing on EV Battery testing using Machine Learning approach and Energy storage Devices.

Upon discussions with Dr. K. Malarvizhi, Head - EEE, and got to know about securing a research grant for "Low Voltage Utility Grid Energy Storage" and "Smart Electric Vehicle Charging System on Utility Grid." Additionally, she

conveyed her enthusiasm for organizing a Joint International Conference with UTB under the support of IEEE. The conversation also delved into various collaborative possibilities for the EEE Department, covering topics such as the potential establishment of a Centre of Excellence and a Skill Development Center in Sustainable Energy with suitable collaborators recommended by expert.

Following the discussions, Dr. Sheik emphasized the significance of the "Indo-ASEAN Fellowship," which encompasses diverse fellowship programs and initiatives aimed at fostering collaboration and exchange. These initiatives facilitate cooperation between an Indian institute and two institutes from the ASEAN (Association of Southeast Asian Nations) region. Additionally, he underscored UTB's collaborative efforts with institutes in the SAARC region.



The meeting concluded with a shared commitment to explore and facilitate the identified collaborative opportunities between KCT and UTB.



## ALUMNI CORNER

### REPORT ON GAM 2023 – ALUMNI INTERACTIONS

(By Alumni Coordinator – Ms. P. MAITHILI, AP-II, EEE/KCT)

S.NO.	NAME OF THE ALUMNI	DESIGNATION & CONTACT INFORMATION	NATURE OF COLLABORATION
1	Dr. ANANTHARAMAN SUBRAMANIYAN (EEE-1989)	Vice President & Head, Simens Ltd, Smart Infrastructure, Maharashtra. Mob: 9820484439	Willing to act as an Experts in DAB & BoS Meeting.
2	Mr. SRIRAM S (EEE-2022)	Director, Electromotive Power Drives Private. Ltd., Coimbatore. Mob: 9003924297	Assured to provide consultancy on motors and drives system. Accepted to Sign MoU with KCT for collaboration.
3	Dr. TAMILSELVAN V (EEE-2001)	Professor & Head / EEE, Karpagam Engineering College, Coimbatore. Mob:9345744846	Accepted to act as a reviewer in Project Exhibition and to deliver Guest Lecture for our EEE students.







## Parents Teachers Meeting '23

The Department Parents Teachers Meeting was held on 21<sup>st</sup> of November 2023. Communication via mail, official student groups and through phone conversations was given a week prior. The meeting agenda includes Mentee's academic performance, academic discipline attendance percentage, extracurricular and co-curricular activities. Glimpses of the meeting is shown below.





## STUDENT CORNER

The active participation of our EEE students in learning additional courses after hours in renowned learning academies in national and international is listed below.

S.No.	Roll Number	Student Name	Course Enrollment Date	Course Name	Course offered by
1	21BEE001	P.ABISHEK	28-10-2023	Energy literacy training	Energy Swaraj Foundation
2	21BEE031	JANA PRIYA S	28-10-2023	Energy literacy training	Energy Swaraj Foundation
3	21BEE035	KAMALI G P	01-12-2023	Programming Fundamentals	Coursera
4	21BEE037	KAVIBHARATHI A	18-11-2023	The Arduino platform and c programming	Course era
5	21BEE043	KISHORE PRASATH N S	28-07-2023	Transducers for Instrumentation	NPTEL
6	21BEE044	KISHORE S	27-10-2023	Energy Literacy	Energy Swaraj Foundation
7	21BEE044	KISHORE S	01-07-2023	Transducers for Instrumentation - NPTEL	NPTEL
8	21BEE044	KISHORE S	20-09-2023	IoT Foundation- Fundamentals	Linkedin Learning
9	21BEE044	KISHORE S	10-08-2023	Electric Vehicle	Greatlearning
10	21BEE045	KUMUTHA S	25-12-2023	Workshop on Automotive	Skill Lync



				Embedded System	
11	21BEE048	MANIMARAN T.N.	30-07-2023	Transducers for Instrumentation	NPTEL
12	21BEE048	MANIMARAN T.N.	24-10-2023	Energy Literacy Training Program	Energy Swaraj Foundation
13	21BEE048	MANIMARAN T.N.	15-08-2023	Electric Vehicle Design	Great Learning
14	21BEE048	MANIMARAN T.N.	16-08-2023	Introduction to Electric Vehicles	Great Learning
15	21BEE049	MANJULA.R	27-10-2023	Energy Literacy	Energy Swaraj Foundation
16	21BEE053	MOHITH S	31-10-2023	PCB design	Robochakra
17	21BEE057	NALINIPRIYA D	08-08-2023	Transducers for Instrumentation	NPTEL
18	21BEE057	NALINIPRIYA D	31-10-2023	Energy Literacy Drive	Energy Swaraj Foundation
19	21BEE061	NIVETHITHA G V	29-10-2023	Energy literacy training	Energy Swaraj Foundation
20	21BEE064	C.POORNIMA	21-10-2023	Energy literacy training	Energy Swaraj Foundation
21	21BEE077	SARAH CAROLINE S	12-11-2023	Learning PCB Design with EAGLE	LinkedIn Learning
22	21BEE077	SARAH CAROLINE S	13-11-2023	C Programming for Beginners	Mindluster
23	21BEE095	SUNDARESH G	14-12-2023	Basic Accounting	Great learning
24	21BEE095	SUNDARESH G	25-08-2023	Time and productivity management	Upgrade
25	21BEE101	VARSHINI.D	28-10-2023	Data Science Foundations	Great learning academy

## NOTABLE DEPARTMENT ASSOCIATION EVENTS ORGANIZED

S.No.	DATE	Event Title	Event Description	Resource Person Details
1	22-09-2023	Begin at the End - Reverse Engineering	An opportunity to put the reverse engineering skills to the test in an exhilarating challenge.	Mr. ARUNKUMAR S, AP, EEE
2	29-09-2023	Unlocking AI for Electrical Engineers	Unlocking AI for Electrical Engineers - a Workshop to discover how Artificial Intelligence can revolutionize Electrical Engineers field	Ms. Sandhya Devi R S, AP, EEE
3	18-10-2023	Knowledge Transfer - 2.0 Episode - 1: Digital Electronics	The event was conducted to empower students in technical aspects and prepare them for facing their interviews. Beginning with, the basic concepts of digital electronics, tips and tricks.	Mr. Karthikeyan E, Overall Administrator, DA, Final Year, EEE
4	20-10-2023	Electric Voyage	A visionary campaign that fostered the importance of sustainable and eco-friendly future by Mr. Sushil Reddy, Energy Engineer & World Record Holder for his longest journey in electric bicycle.	Mr. Sushil Reddy, Energy Engineer, World Record Holder
5	30-10-2023 31-10-2023	Mastering PCB Design	An informative Value Added Program on PCB (Printed Circuit Board) design was organized where students got the opportunity to dive deep into the world of electronics and learnt how to develop their own custom PCBs	Mr. C. Paramesh Kumar, PCB Designer and R&D Engineer, I-Robochakra
6	14-12-2023	Eco-Evolution - A Sustainable Transition	The session provided valuable insights into the dynamic processes of shaping ecosystems over time emphasizing the crucial role of adaptation and resilience in the face of	Dr. Vinoth Kumar N, Associate Professor, EEE





			environmental changes.	
7	15-12-2023 & 16-12-2023	Two day Masterclass on Li-ion Battery Technology & Safety	The Two-day Masterclass by Mr. Veeramanikandan C centered around Lithium-ion (Li-ion) batteries, providing participants with a fundamental introduction to their structure and operation. The comprehensive two-day program seamlessly blended theory, simulation, and practical experience, offering a holistic learning experience on Li-ion batteries.	Mr. Veeramanikandan C, Associate Lead - Innovation



## Glimpse of the Events Conducted:







## Thank Note

- **Sincere & Special Thanks to our Dynamic HoD for the guidance, Motivation and Support**
- **Extremely Thankful to the Faculty Team for your Updates !!!**
- **Best Wishes for all the Students for your Support!!!**
- **Special Thanks to DA Student Team Members for your update!!!**

