



# RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
Kumaran Kottam Campus, Kannampalayam (Po), Coimbatore - 641 402

## Department of Electrical and Electronics Engineering

### About the Department

Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electronics, and electromagnetism. The charge of EEE Department is to facilitate young Engineers with an associate degree with the space of professional skills necessary to accumulate technical exposure within the areas of Electrical and Electronics Engineering, to face the challenges of the longer term and modify them to search out innovative applications of Technology and nurture career improvement and develop human, social and intellectual qualities necessary for the success of the profession and also to reach the goal of Electrical Power for the development of our Country.



### From the HoD's Desk



Dear Readers,

Im happy to announce the release of the first issue of yearly Newsletter of our department "FOOT PRINTS", which will make us to move one step closer to fulfill our vision and mission. Education opens door to new opportunities and gives power to influence others. Knowledge is important where an education provides credentials in whatever you want to do.

### MISSION

- To serve the society through excellence in education, research and public service.
- Facilitating industry institution interaction in teaching, learning, consultancy and research activities to accomplish the technological needs of the society.
- Encourage our students to improve their attitudes and values that will prepare them for professionalism, life-long learning, entrepreneur practices and ethical values.
- Providing additional skills and training to meet the current needs of the industry.
- Motivating the students for active participation in co-curricular and extracurricular activities.

### VISION

To promote learning and innovation in the field of electrical and electronics engineering to meet the global challenges.

- The Department of EEE organised an online webinar "**Importance of Environmental Management for Sustainable Development**" on January 6, 2021 with a resource person, Dr. R. Ilangovan, Former special Chief Engineer, PWD and Vice Chairman, Tamilnadu government Water Resources Development cell PWD, Chennai.
- On June 3, 2021, the Department of EEE hosted a webinar entitled "**HOW TO TURN YOURSELF AS AN EMBEDDED ENGINEER**" with Mr. B. Naveenkumar, Alumni-RVSCET Assistant Manager, Robert Bosch, Bangalore, as the resource person.



- On June 4, 2021, the Department of EEE hosted a webinar online with Mr. K.V. Vinayagamorthy, a Road Safety Training Officer, as the resource. The topic will be "**ROLE AND RESPONSIBILITY IN THE SPREAD OF COVID-19**", Coimbatore.

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Kumaran Kottam, Sullur, COIMBATORE - 641402

**IEEE** DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**JUNE, 05, 2021**  
4.30pm

**"CURRICULUM REALIZATION AND WORK CULTURE IN AUTOMOTIVE DOMAIN"**

**Live WEBINAR**  
ON **Google meet**

**Mr. Srihari,**  
Alumni-RVS CET,  
Project Manager,  
Robert Bosch,  
Coimbatore.

**Mr. Ramesh Babu,**  
Alumni-RVS CET,  
Project Manager,  
Robert Bosch, Coimbatore.

**E-Certificate** will be provided for all active participants

**Free Registration**

**Convenor**  
Dr.S.S.Sivaraju,  
Professor & Head-EEE

**Co-ordinator**  
Mr.K.Thangarajan,  
Associate Professor-EEE

*All are invited*

➤ The Department of EEE held a webinar on "Curriculum Realization and Work Culture in the Automotive DOMAIN" on June 5, 2021. The resource people will include Mr. Srihari, Alumni-RVS CET, Project Manager, Robert Bosch, Coimbatore, and Mr. Ramesh Babu.

➤ On June 6, 2021, the Department of EEE hosted a webinar entitled "COVID-19?" with Dr. C. J. Arun Raja of Anu Ortho Care at KTVR Group Hospital in Coimbatore as the resource person.

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Kumaran Kottam, Sullur, COIMBATORE.

**IEEE** DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Live WEBINAR**  
**COVID-19**  
➤ PREVENTION  
➤ AFTER CURE  
➤ SPREADING  
➤ MENTAL HEALTH  
➤ VACCINATION  
➤ FUTURE

**Dr.C.J.Arun Raja,**  
Anu Ortho Care,  
KTVR Group Hospital,  
Coimbatore.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Free Registration**

**JUNE, 06, 2021**  
11.30am-12.30pm

**E-Certificate** will be provided for all active participants  
<https://forms.g/e/DnQwUKFulHhVXRVRHA>

**Convenor**  
Dr.S.S.Sivaraju,  
Professor & Head-EEE

**Co-ordinator**  
Mr.K.Thangarajan,  
Associate Professor-EEE

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**IEEE** **INSTITUTION'S INNOVATION COUNCIL** **IEEE** **TUV SUD**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Three Days Faculty Development Program on RENEWABLE ENERGY SYSTEMS**

Google meet (Online Mode)

Free Registration  
<https://forms.gle/ZotkijWNE1XRnSV86>

**SEP 28,29,30 2021**

**E-Certificate will be provided for all active participants**

**Convenor**  
Dr.S.S.Sivaraju,  
Professor & Head-EEE.  
[hodeee.rvscet@rvsgroup.com](mailto:hodeee.rvscet@rvsgroup.com)

**Co-ordinator**  
Mr.K.Thangarajan,  
Associate Professor-EEE.  
9080670643

*All are invited*

➤ A three-day Faculty Development programme on "Renewable Energy Systems" was held by the Department of EEE from September 28 to September 30, 2021.

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**RESOURCE PERSON**  
**Dr. Ismail Bin Musirin**  
Professor-Power System,  
Faculty of Electrical Engineering,  
UITM, Malaysia.

**International Webinar on ARTIFICIAL INTELLIGENCE ON POWER SYSTEM COMPENSATION**

Registration Link  
<https://forms.gle/9h9rkx0L11m78-p0t0ut>

Meeting Link  
<meet.google.com/evvh-peth-cjz>

**18.10.2021 10.30AM**

**Co-ordinators**  
Dr.L.Senthil Murugan,  
Assistant Professor-EEE.  
Mr.C.Rajesh,  
Final Year-EEE.

**Convenor**  
Dr.S.S.Sivaraju,  
Professor & Head- EEE.

**E-Certificate will be provided for all active participants**

*All are invited*

➤ On October 18, 2021, the Department of EEE hosted an online webinar with Dr. Ismail Bin Musirin, Professor, Power System, Faculty of Electrical Engineering, UiTM, Malaysia, as the resource person.



- On October 21, 2021, the Department of EEE at RVS College of Engineering and Technology in Coimbatore and MADE EASY in Hyderabad organised a webinar on "Strategy to Crack GATE, ESE, and Other Competitive Exams".

**MADE EASY**  
India's Best Institute for ESE, GATE & PSU's

**TUV SUD**  
From Electrical and Electronics Engineering Department  
RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Jointly organize the online webinar on

## Strategy to Crack GATE & other competitive exams

- In & Out of GATE and other competitive exams.
- Various career opportunities.
- Productive utilisation of covid period for academics and competitive exams.
- Why & why not approach.
- How to face different phases of recruitment.

• **Venue:** Online mode (Zoom meet) • **Date:** 21<sup>st</sup> Oct'21 • **Time:** 2:30 PM - 4:30 PM

**Speaker:** MADE EASY Technical Expert

[Click here for Registration link](#)      [Click here live zoom link](#)

### SRI-RVSCET INBOUND-OUTBOUND PROGRAMME

**DR. SUDHAKAR KUMARASAMY**  
Universiti Malaysia Pahang  
Topic: Solar Powered Future - Technologies, Opportunities, and challenges

**IR. TS. DR. BALJIT SINGH**  
Solar Research Institute (SRI)/Energy Conservation for Automotive (RG) UiTM  
Topic: Photovoltaic Cooling and Thermoelectric (TEG) for Solar Thermal Applications

Webex Link : [shorturl.at/ipOX7](https://shorturl.at/ipOX7)

**RAJESH C**  
Software is Changing the Solar Power Industry

**MUKESH.S**  
All Weather Solar Cell-A new trend of design of Solar Cell

**SURUTHI K**  
Why Solar Power Demand has Accelerated Sharply

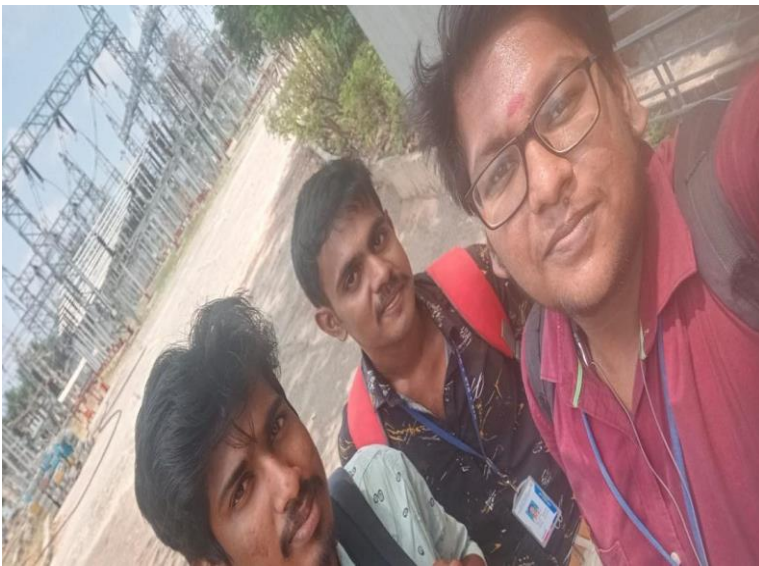
**SUBASH. P**  
Building Integrated Photovoltaics

2nd December 2021 & 3rd December 2021  
11.30am - 3.30pm (Msia Time)/  
9.00am - 1.00 pm (India Time)

UNIVERSITI TEKNOLOGI MARA (UiTM)      Solar Research Institute (SRI)      RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

- The Program was implemented in accordance with the Memorandum of Understanding between UiTM and RVS College of Engineering and Technology. The two-day online webinar ran from 10:00 am to 2:00 pm. On the first day, there were two presenters from UiTM in Malaysia and four speakers who were final-year EEE students from RVS College of Engineering and Technology.

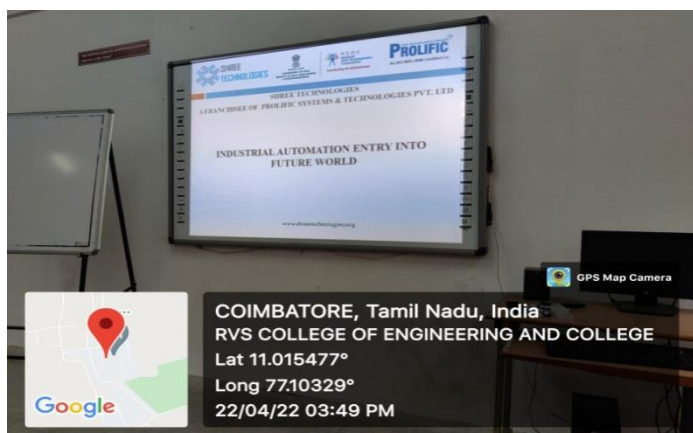
- ❖ Our III-year EEE students have attended the Inplant training at TAMIL NADU TRANSMISSION CORPRATION LIMITED from 04.04.2022-08.04.2022.



- ❖ From April 18,2022, to April 22,2022, our final-year EEE students participated in an in-plant training programme at Tamil Nadu Transmission Corporation Limited.



❖ The Department of Electrical and Electronics Engineering organised a Guest Lecture Program titled "Industrial Automation Using PLC, SCADA, and DLC" on 22.04.2022 with the resource person of Mr. S. Raja CRG Engineer, Sree Technologies, Coimbatore.





- ❖ Our II year and III-year EEE students, along with two faculty members, went for an industrial visit at MAXBE company on 07.05.2022.







- ❖ On the educational excursion to Vagamon, Cochin, and Wonderla from May 14 to May 15, 2022, our final-year students and one faculty member participated.



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## Educational Tour – 2k22

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Academic Year : 2021-2022

**FINAL YEAR – EEE**

On

**12/05/2022 to 14/05/2022(3 days)**



**Vagamon , Cochin and Wonderla**



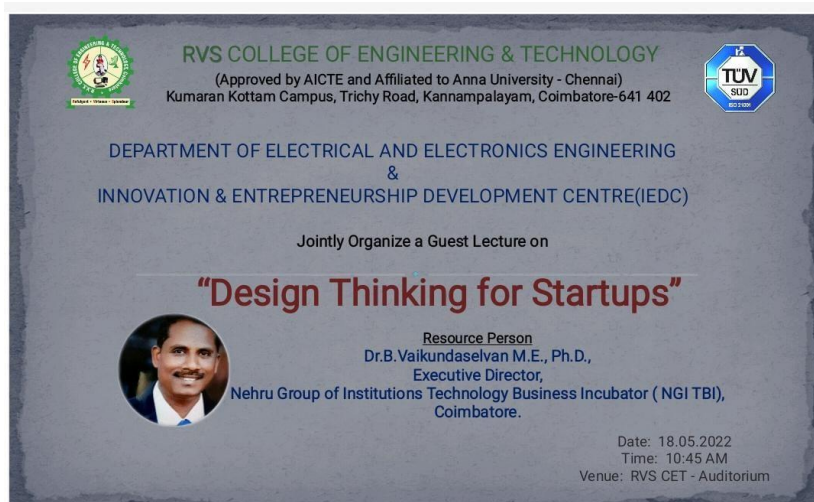
- ❖ In addition to one faculty member, our third-year students visited Masinagudi and Kundha for an educational trip and an industrial visit from May 14 to May 15, 2022.







- ❖ The Nehru Group of Institutions Technology Business Incubator (NGI TBI), Executive Director Dr. B. Vaikundaselvan, M.E., Ph.D., Dr. APJ Abdul Kalam Block, Nehru Group of Institutions, Coimbatore, spoke at a guest lecture programme “Design Thinking for Startups” on May 18, 2022, hosted by the Department of Electrical and Electronics Engineering.



- ❖ The Department of Electrical and Electronics Engineering organised a Guest Lecture Program titled "Harmonics and its Effect on Power Quality" on 20.05.2022 with the resource person of Dr.S.Eangovan M.E, Ph.D, Vice-Principal/Head-Corporate Relations, Professor -EEE, IEEE SB Counselor, Jonsons Institute of Technology, Karmathampatti, Thiruppur-641 659.



- ❖ The Department of Electrical and Electronics Engineering presented a Guest Lecture Program on May 24, 2022, featuring D. Babu, Assistant Executive Engineer, Sub-Station Maintenance, Kethanur, Tamil Nadu Generation and Distribution Corporation Limited, NCES circle, Udumalpettai. "Electromagnetic Relays" was the theme.
  
- ❖ The Department of Electrical and Electronics Engineering organised a Guest Lecture Program titled "Nanotechnology and Their Applications" on May 30, 2022 with the resource person of Dr. V. N. Mani, Scientist-F, Centre for Materials for Electronics Technology, Govt. of India, Hyderabad.

- ❖ The RVSCET, Department of EEE organized hands-on training in “Embedded C and Its Simulation” for III year and IV Year students.

