

Towards TOMORROW

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DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING



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Greetings from the Dignitaries...



Mr. SARAVANAN PERIASAMY
Chairman, PERI Institute of Technology &
CEO, PERI Software Solutions Inc., U.S.A.

From our Chairman Sir...

I am proud to have students from Electrical and Electronics Engineering Department to come up with such a good collection of information. I would like to encourage them to continue their good work.



Mr. SASIKUMAR VEERARAJAN
COO, PERI Institute of Technology

From our COO Sir...

I congratulate all the students who have put their effort in bringing forth this newsletter of their department and also I like to congratulate all the faculty members and HOD for motivating their students towards this fulfillment.



Dr. PALSON KENNEDY
Principal, PERI Institute of Technology

From our Principal Sir...

The department newsletter will definitely help to showcase the activities that are happening in EEE department. It provides a platform for exposing the merits and academic achievements of the faculty and students. This would positively create an impact in the minds of readers, by way of providing larger perceptibility and dimension to the department. I congratulate all team members for their constant efforts in bringing this newsletter for this academic year _____.!

DEPARTMENT VISION:

To become a front-runner in bringing out competent Electrical and Electronics Engineers, innovators, researchers, and entrepreneur and thereby coontribute value to the knowledge-based economy and society.

DEPARTMENT MISSION:

- ❖ To offer good quality Under-Graduate, Post-Graduate and Doctoral programmes in electrical and electronics engineering.
- ❖ To provide state-of-the-art resources that contribute to achieve excellence in teaching-learning, research and development activities.
- ❖ To provide suitable forums to enhance the creative talents of students and faculty members.
- ❖ To enable students to develop skills to solve complex technological problems of current times and also provide a framework for promoting collaborative and multidisciplinary activities with moral values.

IINSIGHTS OF THE NEWSLETTER

❖ DEPARTMENTAL EVENTS

- ◆ NATIONAL SEMINAR
- ◆ GUEST LECTURE
- ◆ INTERNATIONAL CONFERENCE
- ◆ INDUSTRIAL VISIT

❖ PLACEMENT ACTIVITIES

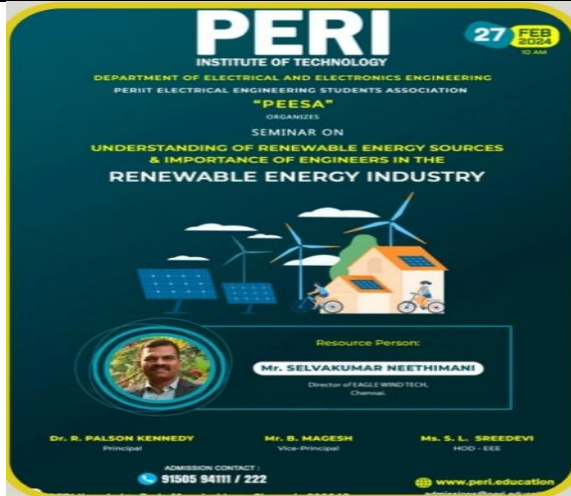
❖ STAFF ACTIVITIES

- ◆ NPTEL COURSE COMPLETION
- ◆ JOURNAL PUBLICATIONS
- ◆ BOOK PUBLICATIONS
- ◆ FDP PARTICIPATION
- ◆ PATENT FILING

❖ STUDENT ACTIVITIES

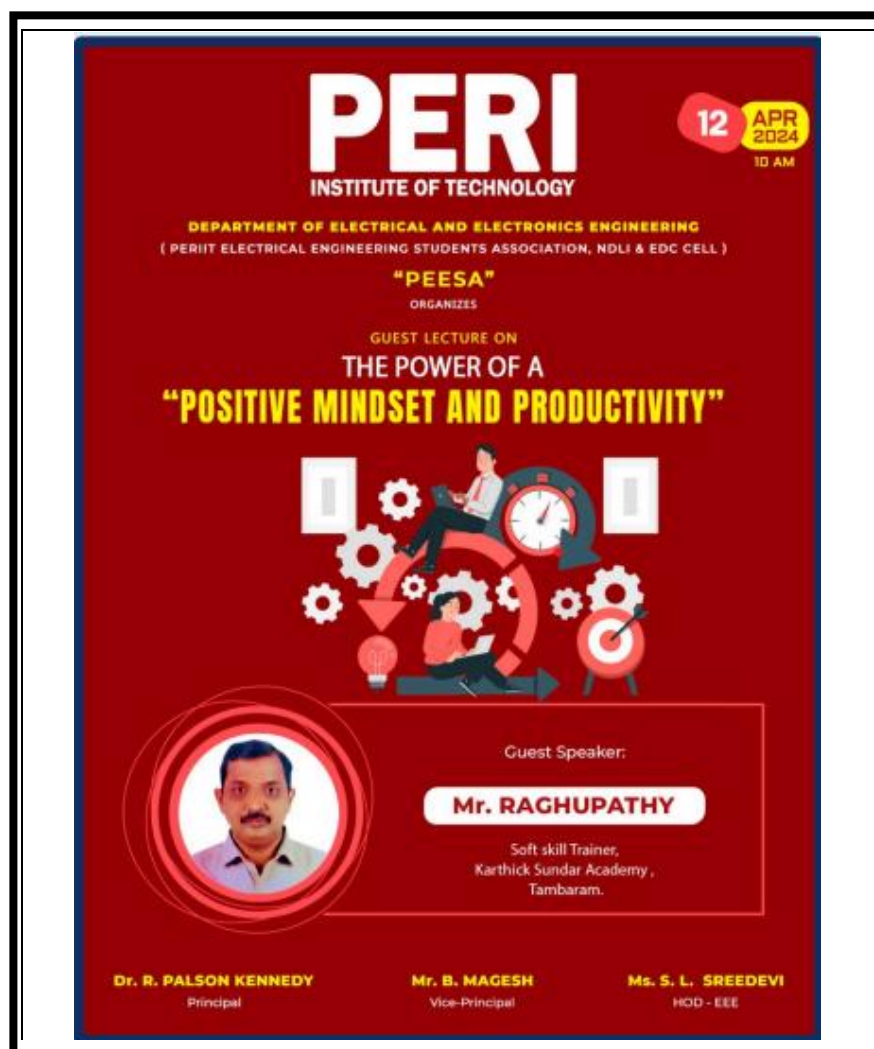
- ◆ CO-CURRICULAR ACTIVITIES
- ◆ EXTRA CURRICULAR ACTIVITIES

NATIONAL SEMINAR ON RENEWABLE ENERGY INDUSTRY



A Seminar on “RENEWABLE ENERGY INDUSTRY” was organized on 27th February 2024 at 10.00A.m by the Department of Electrical and Electronics Engineering , Mechanical along with EEE Association of PERIIT. It was organized for the students of EEE department. Mr. SELVAKUMAR NEETHIMANI, Director of EAGLE WIND TECH, Chennai was the resource person of the day. Mr.Selvakumar explained about renewable energy industry which is crucial for creating a sustainable future, driving innovation, economic growth, and reducing our carbon footprint.

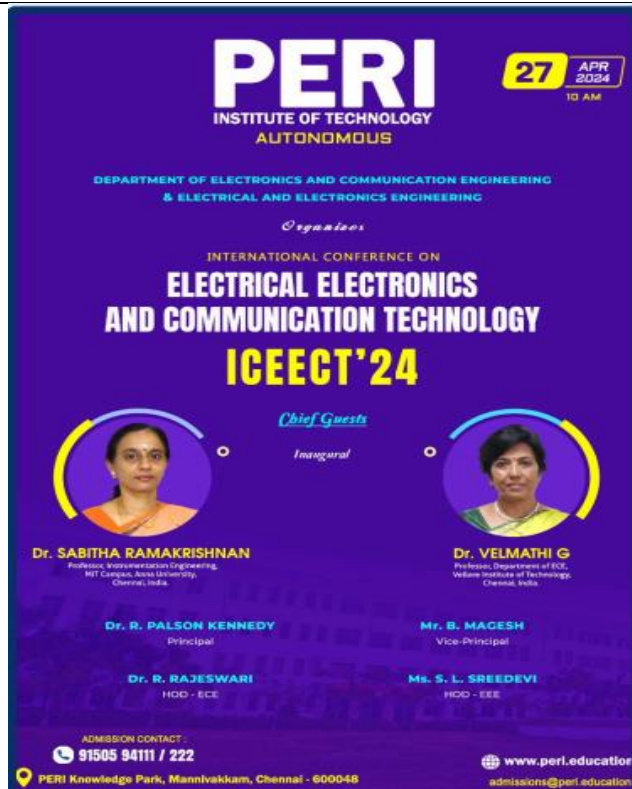


GUEST LECTURE ON “RENEWABLE ENERGY”

A Guest Lecture on “THE POWER OF A POSITIVE MINDSET AND PRODUCTIVITY” was organized on 12th April 2024 at 10.00 A.M pm by the Department of Electrical and Electronics Engineering along with EEE Association of PERI IT.

Mr. Raghupathy, Softskill Trainer, Karthik Sundar Academy, Tambaram was the resource person of the day. He gave a brief overview of the positive mindset that enhances productivity by fostering optimism, resilience, and motivation, enabling students to overcome challenges and achieve goals efficiently. He also explained that positive mindset leads to sustained success and personal growth.

INTERNATIONAL CONFERENCE ON ELECTRICAL ELECTRONICS AND COMMUNICATION TECHNOLOGY - ICEECT'24



Department of Electronics and Communication Engineering organized the International conference on Electrical Electronics and communication Technology ICEECT'24 on 27 April 2024. The chief guests are Dr. Sabitha Ramakrishnan, Professor, Department of Instrumentation Engineering, MIT, Anna University, Chennai and Dr. Velmathi G, Professor, Department of Electronics and Communication Engineering, VIT, Chennai. The conference aimed to foster collaboration, knowledge exchange, and discussions on cutting-edge research, emerging technologies, and practical applications in the fields of electrical engineering, electronics, and communication technology. Students from various institutions participated in ICEECT'24, showcasing their research and innovative projects in the fields of electrical, electronics, and communication technology. Their contributions were highly recognized, and several students were awarded prizes for their outstanding work.



INDUSTRIAL VISIT TO RETECH SOLUTIONS, CHENNAI

Students at RETECH SOLUTIONS, CHENNAI



An industrial visit to **Retech Solutions, Chennai** was organized on 04.04.22 by Mrs. S.L. Sreedevi, HOD-EEE of PERI IT. Under the guidance of Dr. K. Deepa, Assistant Professor the industrial visit was a Grand success conducted exclusively for the students of third, final year EEE students. During the visit, students explored the company's advanced manufacturing processes, innovative product designs, and state-of-the-art technology solutions.

INDUSTRIAL VISIT – 230/110KV SUBSTATION, KANCHIPURAM



Students learn about the equipment used in a 230/110kV substation



A one-day industrial visit to 230/110KV Substation, Kanchipuram was organized on 16.04.22 by Mrs. S.L. Sreedevi, HOD-EEE of PERI IT. Under the guidance of Mr. A. Antony charles Assistant Professor and Mrs. B. Dhivya Assistant Professor. During the visit, students observed the operation of transformers, circuit breakers, and other critical substation components, gaining insights into the transmission and distribution of electricity.



230/110/11KV Substation, Kanchipuram



230/110/11KV generation power transmission and distribution

CONSOLIDATED REPORT OF PLACED STUDENTS FOR THE YEAR 2023-24 (EVEN SEM)

S No	NAME OF THE COMPANY	NO. OF STUDENTS PLACED	Placed student Name	SALARY PACKAGE (PER ANNUM)
1.	Just Connect Electricals Pvt. Ltd	10	Arunachalam. R.L	2.4L
			Nitheesh. A	
			Pavithra. C	
			Praveenkumar. A	
			Rajkumar. R	
			Ramya. S	
			Yuvashree. M	
			Harish. P	
			Nivetha. S	
			Thirsha. M	
2.	Sutherland	4	Jayanth. D	3L
			Keerthana. V	
			Pavithra. C	
			Abhishek Samuel. B	
3.	Quantic Electronics Pvt. Ltd	1	Nitheesh. A	2.4L
4.	Salcomp	1	Ramya. S	3L
5.	Formoplastic Controls Pvt. Ltd	1	R. Rajkumar	3.3L

STUDENT CO-CURRICULAR ACTIVITIES

<u>S.No</u>	Names of the student batch members	Event participated	Participated college	Prizes won
1.	Balaji. R	Webinar participation	Webinar on professional career counselling	Participation
2.	Balaji. R	Paper presentation	SIMATS Engineering	Participation

STUDENT CO-CURRICULAR ACTIVITIES- ONLINE CERTIFICATION DETAILS

<u>S.No</u>	Names of the student members	Year of studying	Duration of the course	Name of the Institute/Organisation awarding
1	B. Nisha	III Year	What is IOT	Great Learning
2	M.Kaviya	III Year	Cloud Computing	Great Learning
3	R. Divya	III Year	Python	Great Learning

STUDENT EXTRA-CURRICULAR ACTIVITIES

<u>S.No</u>	Names of the student members	Event participated	Name of the College participated	Date of the event
1.	Gurumoorthi. D	Battle of Band	VELS Institute of Science and Technology	20/03/2024 to 21/03/2024
2.	Gurumoorthi. D	Solo Singing	New Prince Shri Bhavani College of Engineering & Technology	01/04/2024
3.	Gurumoorthi. D	Solo Singing	Hindustan Institute of Technology & Science	06/04/2024
4.	Gurumoorthi. D	Group Singing	Hindustan Institute of Technology & Science	06/04/2024
5.	Gurumoorthi. D	Solo Singing	SRM institute of science & Technology	15/04/2024 to 17/04/2024

STAFF ACTIVITIES

NPTEL COURSE COMPLETION

1. Ms. S. L. Sreedevi completed a 12 week NPTEL course on Cloud Computing.
2. Mr. R. Tamilamuthan completed a 4 week NPTEL course on "Python for Data Science:

JOURNAL PUBLICATION

<u>S.No</u>	Author Name	Name of the Paper	Name of the Journal	Published Month & Year	SCI/Scopus/UGC
1	Dr. K. Deepa	Hybrid nanofabrication of AZ91D alloy-SiC-CNT and Optimize the drill machinability characterisitcs by ANOVA route.	SCIE	February 2024	SCI

BOOK PUBLICATION

<u>S.No</u>	Name of the Applicant	Name of the Book	Name of the series	Published Year
1	Ms. S. L. Sreedevi	Solar Energy for Optimized Controller Based DC-DC Converter	IIPE, Series	2024

PATENT FILED:

<u>S.No</u>	Name of the Applicant	Name of the Patent	Published Year
1	Dr R. Kanthimathi and Dr P. Yamunaa,	Hybrid pixel based method for multi model Image Fusion based on integration of pulse coupled neural network and Genetic algorithm Using Empirical mode decomposition	2024
2	Ms.S.L.Sreedevi	Design of KSK Converter for Solar Based EV Applications	2024
3	Dr.K.Deepa	“Friction Study on Al6061 and Al6082 Alloys	2024
4	Dr.P.Yamunaa	Microwave treated dye from seeds of Syzygium Cumini for the photogeneration of charge carriers and consistency of the fabricated dye sensitized solar cell	2024

Our Editorial Team Members

❖ Mrs.Sreedevi.S.L. HOD/EEE