



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600

Web: kpriet.ac.in

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EE001

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)**GUEST LECTURE ON INTRODUCTION TO TRANSFORMER AND ITS FUNCTION FOR II YEAR EEE STUDENTS**

Event No	EE001
Organizing Department	Electrical and Electronics Engineering
Date	29/11/2023
Time	09:00 AM to 10:00 AM
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	Thanam hall
Meeting Medium	
Meeting Link	<a href="https://meet.google.com/rub-juxw-qnm">https://meet.google.com/rub-juxw-qnm</a>
Total Participants	67
Students - Internal	67

**Related SDG****Involved Staffs**


Sl	Name	Role
1	Mohana Sundaram K	Convenor

**Outcome**

Partial delivery of course by Industry person(Dr S Senthil kumar TANGEDCO) and the outcome of this event are 1. Students are able to understand the role of transformer in power distribution 2. Students learned the various tests on transformer

**Event Summary**

Dr.E.Senthil kumar AEE/TNSLDC, TANTRANSOCO, Chennai Deliver a lecture on 'Transformer and its function' for II year EEE students Venue : Thanam Hall Through google meet <https://meet.google.com/rub-juxw-qnm> Teaching pedagogy : Partial delivery of course by Industry person The delivered content of this lecture are as follows: Overview of indian powergrid Transmission voltage levels in India Transformer operation Types of transformer Importance of Phase shifting transformer The effective utilization of transformer Type and routine test Special test Distribution transformer and its function High frequency transformer IS standards for testing The II year students are able to understand the practical aspects of transformer in TANGEDCO and students asked doubts on application of transformer. The resource person addressed the students to visit nearby substation and intimated that he will guide and getting permission to visit the nearby substation. The above delivered contents are in the unit 4 and 5 in the course U21EE302 -Electrical machines. At the end of the session an post quiz event was conducted to test the learning outcome of the students. The feedback about the session was taken.



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**GUEST LECTURE ON**  
Importance of Transformer and its functions


29.11.2023 | 09.00 AM  
VENUE : THANAM HALL



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Resource Person**

Dr. S. Senthil kumar  
Assistant Executive Engineer/TNSLDC,  
TANTRANSOCO, Chennai

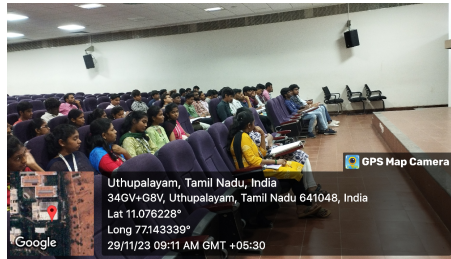


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