

NANDHA ENGINEERING COLLEGE, AUTONOMOUS- ERODE-52



DEPARTMENT OF SCIENCE AND HUMANITIES



Activity	Introductory Domain Specific Workshop for First year Students	
Target Group	B.E – Electrical and Electronics Engineering	
Date	28.11.2024	
SDG Alignment	SDG- 4 Quality Education Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	

EVENT REPORT

SESSION DETAILS:

DATE	TIME	Workshop Title	RESOURCE PERSONS
28.11.2024	9.15 am – 1.00 pm	"Electrical Essentials: Foundation Workshop with TANGEDCO Expert"	Er. Dinakaran Engineer, TANGEDCO Tamil Nadu.

PARTICIPANTS DETAILS:

Students of First Year B.E – EEE	57
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Inauguration Agenda:

Welcome Address & Chief Guest	Mr. R. Thiruneelakkandan ,HoD- S & H
Introduction	
Key Note Address	Dr.U.S. Ragupathy, Principal
Session by	Er. Dinakaran Engineer, TANGEDCO Tamil Nadu

Objective of the Workshop

The foundation workshop aimed to provide first-year Electrical and Electronics Engineering (EEE) students with an industrial perspective on power systems, electricity distribution, and the functioning of TANGEDCO (Tamil Nadu Generation and Distribution Corporation Limited). The goal was to bridge the gap between theoretical knowledge and practical application, in alignment with Sustainable Development Goal 4 – Quality Education, which promotes inclusive and equitable quality education and lifelong learning opportunities for all.

Key Highlights

- **Industrial Relevance of Core Subjects:**
The workshop helped students connect their academic subjects such as Basic Electrical Engineering, Electric Circuits, and Power Systems with real-world applications.
- **Interactive Session:**
Students actively engaged in a Q&A session, clarifying doubts on grid operations, renewable integration, and safety protocols.
- **Career Guidance:**
Er. Dinakaran also motivated the students to pursue internships, GATE preparation, and public sector opportunities in the energy sector.
- **Introduction to TANGEDCO Operations:**
Er. Dinakaran shared insights into TANGEDCO's electricity generation, transmission, and distribution systems in Tamil Nadu.



Impact and Outcome

- The session enhanced students' understanding of the electrical infrastructure of Tamil Nadu.
- It encouraged curiosity and instilled a sense of responsibility towards sustainable energy usage.
- The interaction served as a career orientation platform for budding engineers.

SDG 4 Alignment – Quality Education

This workshop contributed to SDG 4 by:

- Providing industry-based exposure to students in the early stages of their education.
- Fostering practical learning alongside academic instruction.
- Encouraging lifelong learning skills, especially in the field of sustainable power systems.



Conclusion

The Foundation Workshop by Er. Dinakaran was an enriching experience for the first-year EEE students. It laid a strong foundation for their academic journey and helped them understand the societal and industrial relevance of their engineering education. The department plans to host more such expert sessions to continue promoting quality education and practical exposure for its students.