



St. Thomas' College of Engineering & Technology
Kidderpore, Kolkata, West Bengal

NEWSLETTER



⚡ SPARK ⚡

Department of Electrical Engineering

-: Jan. to Mar.: -

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NEWSLETTER

Vision

Department:
EE
(NBA Accredited)

To create a strong research-based teaching and learning environment that will cater to the needs of modern Electrical Engineering.

Editors:
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Mission

- To impart knowledge and technology to budding professionals and incite their quest for further enhancement of their learning.
- To produce recognized industry-ready professionals in Electrical Engineering, through educational program incorporating practice and project-based teaching-learning processes.
- To enhance knowledge in Electrical Engineering, through research for sustainable development of the society and the nation as a whole.
- To promote social, environmental and technological responsiveness related to electrical energy through dissemination of knowledge.

Program Educational Objectives (PEO)

PEO1- Have skills, in-depth knowledge and proficiency in the core areas of electrical and other related interdisciplinary engineering domains.

PEO2- Become successful practitioners in electrical industries and/or to be ready for entrepreneurship keeping in view of the national and global requirements.

PEO3- Have ethical values, social commitment and leadership qualities towards application areas of electrical energy.

Departmental Milestones

❖ Industry/Field Visit



Final Year EE Department students of AY:2023-24 took part in Exposure and Field Visit for Problem Identification at Electropair, Agarpara on 11th January, 2024



❖ Publication

Prof. (Dr.) Sujit K. Biswas, Dr. Krishna Sarker & Mr. Koustuv Sarkar has published the following journals:

- D. Maiti and S. K. Biswas, "Three phase open end induction motor drive interfaced to higher voltage DC bus", IEEE Transactions on Industrial Electronics, vol. IE-71, no.2, pp 1277 –1285, Feb 2024.
- A. Chakrabarti, N. Sharma, P. R. Kasari, B. Das and S. K. Biswas, "A fault tolerant control scheme of grid connected VSI for balanced power injection", IEEE Transactions on Industrial Informatics, vol. 20, no. 2, pp 1997 –2006, Feb 2024.
- K.Sarker, K. Sarkar, J. Sarker, P. Bhowmik, D. Chatterjee & S. K. Goswami, "Power quality investigation with multilevel inverter by photovoltaic-fed dynamic voltage restorer", March 2024 DOI: <https://doi.org/10.1080/02286203.2024.2327647>, *International Journal of Modelling and Simulation*.

❖ Seminar

**Seminar on
Achieving Problem-Solution Fit and
Product-Market Fit**

Date: 1st February, 2024
Time: 10:00 a.m.

Venue: Room No.- 013, STCET

Organized by
Institution's Innovation Council (IIC)
St. Thomas' College of Engineering & Technology
4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

Arup Das
Innovation Ambassador, MIC, AICTE
Assistant Professor, St. Thomas' College of Engineering & Technology



Seminar on Achieving Problem-Solution Fit and Product-Market Fit was organized by Institution's Innovation Cell (IIC), STCET.

The Speaker for the Workshop was Mr. Arup Das, Assistant Professor, St. Thomas' College of Engineering & Technology, Innovation Ambassador, Ministry of Education's Innovation Cell, AICTE

The Workshop was held on 1st February 2024 and the EE department students took part in the workshop.

***“Genius is one percent inspiration and
ninety-nine percent perspiration.”***

- Thomas Edison