



# St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

DEPARTMENT

**EE**

## SPARK

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### VISION

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

### 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.

#### Editors:

1. Prof. (Dr.) S.K. Biswas, Professor, EE
2. Prof. (Dr.) P. Purkait, Professor, EE
3. Prof. A. Bose, Assistant Professor, EE
4. Prof. A. Das, Assistant Professor, EE
5. Neelakshi Ganguly, student

**For further information & feedback contact:**  
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### RECENT TECHNOLOGY TREND

First industrial revolution was happened through the mechanical production facilities with the help of water and steam power. Second industrial revolution was happened through the division of labour and mass production with the help of electrical energy. Third industrial revolution was happened through the use of electronic and IT systems and further automate the production. Forth industrial revolution is the cyber-physical systems.

**Prof. (Dr.) B.B. Sen**  
**Head of the Department,**  
**Department of Electrical Engineering,**  
**St. Thomas' College of Engineering and Technology**

### DEPARTMENTAL MILESTONES:

#### PUBLICATION DETAILS

[1] "Design and Implementation of IoT Based Smart Energy Meter" - **IEEE Applied Signal Processing Conference (ASPCON 2018)**, Jadavpur University, Kolkata, India, Dec 7-9, 2018, Paper No. 17

[2] "A SVM based Classifier for Identification of Spurious Resistance Fault involving IGBTs in VSI based Induction Motor Drive", " - **IEEE Applied Signal Processing Conference (ASPCON 2018)**, Jadavpur University, Kolkata, India, Dec 7-9, 2018, Paper No. 11



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**INDUSTRIAL VISIT:**

**On 22<sup>nd</sup> DEC 3<sup>rd</sup> year students went to EMT Megatherm Pvt Ltd., Taratala, Kolkata**

