



SPARK

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DEPARTMENT

EE

VISION :

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

MISSION:

To produce recognized industry-ready professionals in Electrical Engineering, through educational program incorporating laboratory based teaching-learning process.

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 among the members of the faculty and students.

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

RECENT TECHNOLOGY TREND

Electricity is now must need thing after food, water & shelter. Considering the rapid depletion of conventional sources of electricity generation, from last 5 years more stress is being given on green, renewable generation of electrical energy. As per reports there will be no fossil fuel based vehicles running on roads after 2030. So electrical vehicles are also gaining attention.

**For further
information
& feedback
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Prof.(Dr.) B.B.Sen
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DEPARTMENTAL MILESTONES

Best Performance in the Last Even Semester in MAKAUT:

- Rajarshi Roy Choudhury- 1st year YGPA-9.61
- Gourab Karati - 3rd Year, YGPA 9.16
- Subhranil Ganguly- 2nd Year, YGPA 9.22
- Sohan Mahalanobish-4th year , DGPA 9.61, YGPA- 9.65



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Khidderpore, Kolkata- 700023

Performance in Competition:

Koushani pal (3rd year) acquired 1st position in painting competition held on 17th July, 2017 organised by WEST BENGAL STATE ELECTRICITY WORKMEN'S UNION

Faculty Development Programme:

1. Mr. Arup Das attended one week Short Term Training Programme on 'Electronics Devices and Solar PV module' , held at National Institute of Technical Teachers Training Research (NITTTR), Kolkata in during 10th July-14 July,2017.
2. Ms. Ananya Bose attended two week Short Term Training Programme on 'Modelling and analysis of Electrical circuits using MATLAB and PSPICE' , held at National Institute of Technical Teachers Training Research (NITTTR), Kolkata during 3rd July-14 July,2017.

BOOK/BOOK CHAPTERS PUBLICATIONS:

1. Electrical Machines(ISBN9780199472635)- Prithwiraj Purkait, Indrayudh Bandyopadhyay Oxford University Press, New Delhi.
2. Transformer Ageing(ISBN1119239966)- Prithwiraj Purkait, Wiley IEEE Press, USA.
3. Electrical and Electronics Measurements and Instrumentation (ISBN978-1259029592) 3e- Prithwiraj Purkait, McGraw Hill Education.