



St. Thomas' College of Engineering and Technology
4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

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

For further information & feedback contact:

arupdas1904@g
mail.com

RECENT TECHNOLOGY TREND

Energy demand in India is on rise. Now it is dependent mostly on Coal (around 60%). But Renewable energy sector are on the rise. Targeted renewable energy capacity by 2027 is 275 GW. Investment may be around \$175bn in renewable sector over 10 years. Solar & wind will account for more than 90% of the investment.

Prof.(Dr.) B.B.Sen

Head of the Department,

Department of Electrical Engineering,

St. Thomas' College of Engineering and Technology



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DEPARTMENTAL MILESTONES

Best Performance in the Last Even Semester in MAKAUT:

- 7th Semester: Syed Sarim Hassan – SGPA 9.33
- 5th Semester: Niladri Chakraborty - SGPA 9.21
- 3rd Semester: Md Shah Zaman - SGPA 9.56
- 1st Semester: Shounak Das SGPA 9.04
Udisha Gangopadhyay –SGPA 9.04

CAMPUS PLACEMENT:

Students of the department have been offered job in Infosys.

SMART INDIA HECKATHON 2018:

3rd Year student **A.N.V.K.S. Sai** achieved 1st Runner up position (in Vision_Quest Team) in 'Application to connect labour agencies to the highway contractors for highway construction work.' In **Smart India Heckathon 2018**, organised by **MHRD, AICTE**, Inter Institutional Inclusive Innovation Center and Persistent Systems.

PUBLICATION DETAILS

S. K. Ojha, P. Purkait, B. Chatterjee, and S .Chakraborti, "Application of Cole-Cole Model to Transformer Oil-Paper Insulation Considering Distributed Dielectric Relaxation", IEEE Transactions on Dielectrics and Electrical Insulation, 2018.

NEW FACULTY JOINED:

Dr. Krishna Roy has joined this Department in January. He has 5 years of research experience as research fellow in Electrical Engineering Department, Jadavpur University. His research areas are self-excited induction generator, BLDC motor. He has 5 years of teaching experience. He has done his Phd, M.E., B.E. in Electrical Engineering from Jadavpur University.