



# 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.

#### 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

### 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.

#### For further information & feedback contact:

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### RECENT TECHNOLOGY TREND

Energy efficient green power is an essential issue for recent period. Most enduring challenge for modern electrical engineer is to implementation of photovoltaic technology which is efficient, effective under varying operating condition and cost effective for any user. This is almost ready for commercial implementation. This will make it easier to divert excess energy generated, through smart grids which are growing importance world wide.

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



## **DEPARTMENTAL MILESTONES:**

### **❖ ACCREDITATION OF NBA FOR 3 YEARS**

### **❖ PUBLICATION**

[1] S. K. Ojha, P. Purkait, B. Chatterjee, S. Chakravorti, " Application of Cole-Cole Model to Transformer Oil-Paper Insulation Considering Distributed Dielectric Relaxation " IET, High Voltage Journal, Vol. 4, No. 1, March 2019, pp. 72 - 79

### **❖ FORMATION STUDENTS' CHAPTER (ELECTRICAL) OF THE INSTITUTION OF ENGINEERS (INDIA)**



#### **Inaugural Ceremony of STCET Students' Chapter (Electrical) of The Institution of Engineers (India) on 15<sup>th</sup> February, 2019**

##### **Dignitaries attended the Inaugural session:-**

Prof(Dr.) Shila Ghosh, Principal, STCET  
Prof(Dr.) S,M,Ali, Director, IE(I), Kolkata  
Dr. S.Roy Barmanm Chief Ehgineer, WBSSEDCL, Kolkata  
Mr. Kamal Sethia, Chairman, Indian society of lighting engineers,Kolkata  
Mr.Arnab Neogi, Sr, Associates ,CTS, Kolkata  
Prof(Dr.). P.Purakait, HOD, EE, STCET  
Prof(Dr.) B.B.Sen, Former-HOD,EE, STCET





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**Technical Talk on “ Pump Storage Plant” by  
Dr. S. ROYBARMAN, Chief Engineer, WBSEDCL, Kolkata  
on 15<sup>th</sup> February, 2019**

## ❖ ACHIEVEMENTS OF STUDENTS IN GAMES & SPORTS HELD AT STCET





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Sl. No.	Name	Event	Position
1	SOMA DAS	a) 50 m Race b) 100 m Race c) Throwing the Cricket Ball d) 50 m Relay Race	3 <sup>rd</sup> 3 <sup>rd</sup> 1 <sup>st</sup> 2 <sup>nd</sup>
2	AMAN KUMAR KAMAT	Shot-put	2 <sup>nd</sup>
3	SUSOBHAN GHOSH	a) 400 m Race b) Long Jump	3 <sup>rd</sup> 2 <sup>nd</sup>
4	KOUSTUV PODDAR	Long Jump	1 <sup>st</sup>
5	NISHITA SINGH	50m Relay Race	2 <sup>nd</sup>
6	SOUMYASHREE MONDAL	50m Relay Race	2 <sup>nd</sup>
7	ANANYA SARKAR	50 m Relay Race	2 <sup>nd</sup>

**❖ BEST PERFORMANCE IN THE EVEN (DEC. 2019)  
SEMESTER EXAMINATION OF MAKAUT:**

Semester	Name	SGPA
1 <sup>st</sup>	SOUVIK BANIK	9.49
2 <sup>nd</sup>	MONALISA PANDIT	8.78
3 <sup>rd</sup>	RAJARSHI ROY CHOUDHURY	9.32
4 <sup>th</sup>	TAPADYUTI BISWAS	8.96