



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

DEPARTMENT

IT

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TECH TIMES

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VISION

To promote the advancement of learning in Information Technology through research oriented dissemination of knowledge which will lead to innovative applications of information in industry and society.

MISSION

- To incubate students grow into industry ready professionals, proficient research scholars and enterprising entrepreneurs.
- To create a learner-centric environment that motivates the students in adopting emerging technologies of the rapidly changing information society.
- To promote social, environmental and technological responsiveness among the members of the faculty and students.

DEPARTMENTAL MILESTONES

The department has been accredited by the **National Board of Accreditation (NBA)** for three academic years, 2019-2020, 2020-2021 and 2021-22 in the TIER-II (vide File No. 36-70/2017/NBA dated 29th March, 2019).

The accreditation has been possible due to co-operation and hard-work from all stake holders viz., Administration, Members of the faculty, Support staff, Alumni, Guardians of present and ex-students, Employing organizations and last but not the least our present students. We want to express our sincere thanks to one and all.

Performance in NPTEL

- **Souparna Palit**, 4th year attended a course in **Human Behaviour**, received **Elite + SILVER** Certificates.
- **Anam Ahsan, Ankona Sengupta, Aman Kumar Jha, Esha Nandi, Deep Shikha, Sweta Banerjee, Chandradip Panja** of 2nd Year, attended a course in **Programming in Java**, received **Elite + SILVER** Certificates, and **Manjesh Kumar Singh & Subarna Samanta** of 2nd Year in the same course received **Elite + GOLD** Certificates and **Anirban Pal, Munazzah Zainab, Manish Kumar, Akash Bose, Nayab Anjum** of 2nd Year in the same course received **Elite** Certificates.
- **Ishani Seal, Prerana Hazra, Soham Sarkar** of 2nd Year and **Sumedha Samanta** (1st Year), attended a course in **Joy of computing using Python**, received **Elite+SILVER** Certificates and **Gaurav Ojha** of 2nd Year in the same course received an **Elite** Certificate.
- **Shirsendu Dhar** (2nd Year), **Arijit Santra** (3rd Year) attended a course in **Data Base Management System**, received **Elite+SILVER** Certificates and **Nikita Gupta** (2nd Year) in the same course received an **Elite** Certificate.
- **Soumadip Ranjan Biswas** (1st Year) attended a course in **Problem solving through Programming In C**, received **Elite** Certificate.
- **Mainak Sur** (Top 5% of Certified Candidates), **Sumedha Samanta, Soumyajit Mondal, Sivangi Chatterjee, Srishti Ganguly & Shreyasee Ghosh** of 1st Year, attended a course in **Ethics in Engineering Practice**, received **Elite** Certificates.

Faculty Development Programme (FDP) attended

- **Dr. Arindam Chakravorty** have successfully completed FDP course on **Discrete Mathematics** conducted by NPTEL and secured position among **Top 1% of certified candidates (Elite + GOLD)**.



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- **Dr. Ranjit Ghoshal** attended an FDP on *Fuzzy Logic and Neural Networks* conducted by NPTEL and secured position among **ELITES**.
- **Mr. Amit Dutta, Dr. Arijit Ghosal, Dr. Nilanjana Karmakar, Sk Latib (all ELITE)** and **Ms. Ranjita Chowdhury** have successfully completed FDP course on *Programming in Java* conducted by NPTEL.
- **Mr. Kalyan Das** attended two FDPs on *Cryptography and Network Security* and *Cloud Computing* conducted by NPTEL and secured position among **ELITEs** in both.

Industrial Visit & Students' Chapter of The Institution of Engineers (India):

- Twelve students of third year visited Cognizant Technology Solutions on April 25, 2019.
- Technical talk on '*Video Segmentation*' by **Dr. Sanjoy Kumar Saha**, Professor, Department of Computer Science and Engineering, Jadavpur University on *05th April 2019*.



College Technical Events:

❖ College Tech Fest (SREY 2019)

A college Tech Fest, SREY 2019, held on 9th May, 2019 at St. Thomas' College of Engineering & Technology.

- **Aniket Vishal, Rahul Kumar & Roshan Aftab** of 4th Year, won the **1st prize** in *INNOVATIA (Software): Programming competition*, in the same event, **Avirup Aditya** (1st year) won **3rd prize**.
- **Avik Bose** of 1st year and his team have won the **2nd prize** in *ROBORUSH* and in another event, *ROBOSOCER*, **Avik Bose** (1st year) and his team have won the **1st prize**.

❖ Summer Workshop

A **Three Day Workshop on Advanced Information Analysis Techniques**, organized by the Department of Information Technology during **18/06/2019 to 20/06/2019** for the students of 2nd Year.

Speakers: **Prof. (Dr.) Arindam Biswas**, Dean, International Relations and Alumni Affairs, Professor, Department of Information Technology – IEST, Shibpur, on '*Computational Geometry*', and **Dr. Prasan Ghoshal**, Associate Professor, Department of Information Technology – IEST, Shibpur, on '*How to get a good Placement?*'.



Winner: Sabyasachi Das



1st Runners up: Anirban Pal



2nd Runners up: Mrinmoy Adhikary

Winners in Hands-on Session

PUBLICATION DETAILS

Journal Publication

R. Ghoshal⁺, A. Saha*, S. Das*, "An Improved Vessel Extraction Scheme from Retinal Fundus Images", International Journal of Multimedia Tools and Applications, Springer, <https://doi.org/10.1007/s11042-019-7719-9>, pp 1-19, 1st May 2019, SCI indexed. +: IT Faculty, *: Student