



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

DEPARTMENT

IT

Faculty in Charge:

1. Dr. Arindam Chakravorty
Associate Professor,
IT

2. Dr. Sanchita Saha Ray,
Associate Professor,
IT

Editors:

1. Ms. Priti Gupta
B. Tech, 4th Year,
IT, student

2. Mr. Nihal Dhandhanania
B. Tech, 4th Year,
IT, student

3. Mr. Anurag Chattopadhyay
B. Tech, 3rd Year,
IT, student

4. Mr. Sayantan Ghosh
B. Tech, 2nd Year,
IT, student

5. Ms. Adrita Hatui
B. Tech, 1st Year,
IT, student

For Information and

Feedback Contact:

sanchita.saharay@stcet.ac.in

TECH TIMES

VOLUME: ITX, ISSUE: IV, JULY 24, 2025

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.

PEO (PROGRAM EDUCATIONAL OBJECTIVES)

- Excel in professional career, higher education and research.
- Demonstrate professionalism, entrepreneurship, ethical behavior, communication skills and collaborative team work to adapt the emerging trends by engaging in lifelong learning.
- Exhibit the skills and knowledge required to design, develop and implement IT solutions for real life problems.

Departmental Milestones

I. Achievements by the Students:

- A **Technical Report Writing Competition** Session was organized as part of National Technology Day Celebration, organized by the IEEE Student Branch of STCET, IEEE Student Chapter (CIS, IES), IEEE WIE, Publication Cell, St. Thomas' College of Engineering & Technology, STCET in association with Institution's Innovation Council (IIC) & NDLI Club of STCET, held on May 14, 2025.

Winners from IT:

- **Mr. Nilesh Saha** and **Mr. Souradip Manna**, students of 4th Year, have been awarded certificate of appreciation in recognition of securing 1st Place.
- **Ms. Jannatun Khusbu** and **Mr. Sayantan Ghosh**, students of 2nd Year have been awarded certificate of appreciation in recognition of securing 2nd Place.
- A **Final year project based Innovative Software Project Competition** Session was organized jointly by the **Entrepreneurship Development Cell (EDC)** and the **Institution's Innovation Council (IIC)**, STCET on June 18, 2025. Selected final year projects from students across all departments of STCET were showcased, highlighting their creative and innovative ideas across various domains. The **Prize Distribution Ceremony** was held on **June 23, 2025**, to recognize and celebrate the winning teams.



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023



Innovative Software Project Competition

Winners: Ms. Sukalpita Bhowmick, Ms. Prinka Dutta & Mr. Arpan Samanta, 1st Place (from Left)

II. Students' Participation in College Events:

- Research and Development Cell and Co-Curricular Cell of St. Thomas' College of Engineering & Technology, Kolkata, jointly organizing a Seminar to celebrate **"World Quantum Day"** on April 21st, 2025. **Dr. Subhankar Ghosh**, St. Xavier's College, Kolkata, India.
- The Research & Development (R&D) Cell and Institution's Innovation Council (IIC) of STCET is planning to organize a seminar to celebrate **"World Intellectual Property Day"** on April 29, 2025. **Prof. Bijan Sarkar**, Department of Production Engineering, Jadavpur University.



Dr. Subhankar Ghosh addressing at World Quantum Day.



Prof. Bijan Sarkar addressing at World Intellectual Property Day.

III. FDPs, Seminar, Workshop attended by Faculty Members:

- Dr. Nilanjana Karmakar** and **Sk Latib**, attended a FDP on **"Fundamentals of Image Processing"**, organized by NITTTR Kolkata, May 26-30, 2025.
- Dr. Arindam Chakravorty**, attended a 12 weeks NPTEL FDP on **"Essentials of Data Science with R Software-1: Probability and Statistical Inference"**, conducted by NPTEL (IIT Kanpur), Jan - Apr, 2025.
- Dr. Ranjit Ghoshal**, **Dr. Nilanjana Karmakar**, **Sk Latib**, **Mr. Kalyan Das**, **Mr. Amit Dutta** & **Ms. Subhashree Basu** have attended an FDP on **"Exploring AI Landscape in Multidisciplinary Contexts"**, organizer by the Research & Development Cell, STCET with Technical Co-sponsorship of IEEE Kolkata Section, held from June 23 to 27, 2025.

IV. Achievements by the Faculty Members:

- Dr. Arindam Chakravorty**, attended and completed an NPTEL FDP on **"Essentials of Data Science with R Software-1: Probability and Statistical Inference"**, conducted by IIT Kanpur, Jan-April 2025. He has been declared as a **Topper**, securing **90%**, and has been awarded the prestigious **Gold Medal** for his outstanding performance.





St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

- **Dr. Arindam Chakravorty** has received an NPTEL Appreciation Title-*Topper Mathematics*-8th June, 2025.



- **Dr. Ranjit Ghoshal, Dr. Arindam Chakravorty, Dr. Arijit Ghosal, Dr. Sanchita Saha Ray, and Dr. Nilanjana Karmakar**, served as **Reviewers** for the 2nd International Conference on *“Artificial Intelligence & Sustainable Computing (AISC 2025)”*, will be held in July 2025. The conference is jointly organized by the Department of Information Technology, B. P. Poddar Institute of Management & Technology, Kolkata, and the A. K. Choudhury School of Information Technology, University of Calcutta.
- **Dr. Sanchita Saha Ray**, served as the **Joint Convenor** of the 5-Day FDP on *“Exploring AI Landscape in Multidisciplinary Contexts”*, organized by the Research & Development Cell, STCET with Technical Co-sponsorship of IEEE Kolkata Section, held from June 23 to 27, 2025. The event witnessed enthusiastic participation from faculty members and professionals across various states of India.
- **Dr. Arijit Ghosal**, was a speaker at an FDP on *“Exploring AI Landscape in Multidisciplinary Contexts”*, organized by the Research & Development Cell, STCET with Technical Co-sponsorship of IEEE Kolkata Section, June 23 – 27, 2025. His topic was *“Applications of Machine Learning in Multimedia”*.



Day 1 of the 5-Day FDP on *“Exploring AI Landscape in Multidisciplinary Contexts”*, June 23 – 27, 2025, Speaker: Prof. Sushmita Mitra, Machine Intelligence Unit (MIU), Indian Statistical Institute (ISI), Kolkata

Publication Details

Journal Publication

1. **N. Karmakar*** and **A. Biswas**, *“Face Recognition using Life-centroid Distance between Featured Persistence Diagrams”*, Journal of Combinatorial Optimization, 2025 (accepted).

*: STCET Faculty