



St. Thomas' College of Engineering & Technology
Kidderpore, Kolkata, West Bengal

NEWSLETTER



Department of Information Technology

-: April- June:-

VOLUME ITIX - Edition IV, July 31, 2024

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4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

DEPARTMENT

IT

TECH TIMES

VOLUME: ITIX, EDITION: IV, JULY 31, 2024

Faculty in Charge:

1. Dr. Sanchita Saha Ray,
Assistant Professor,
IT

2. Ms. Subhashree Basu
Assistant Professor,
IT

Editors:

1. Ms. Payel Saha
B. Tech, 4th Year,
IT, student

2. Mr. Abhijan Mallick
B. Tech, 4th Year,
IT, student

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

4. Mr. Aayush Chowdhury
B. Tech, 2nd Year,
IT, student

5. Mr. Diptojoyoti Ghosh
B. Tech, 1st Year,
IT, student

For Information and Feedback

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sanchita.saharay@stcet.ac.in

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. EDC/IIC Cell Events at College:

- Departmental students participated in a “*Business Plan Competition*”, organized by the Institution’s Innovation Council (IIC) & Industry Institute Interaction Cell, during April 12 – 15, 2024.
- Departmental students attended a session on “*Lean Start-up and Minimum Viable Product or Business*”, organized by the Institution’s Innovation Council (IIC) on April 19, 2024. **Resource person: Mr. Ayan Deb**, Senior Manager - Delivery at P360.
- Departmental students participated in a “*Poster Presentation of Business Plans*”, organized by the IIC & Co-Curricular Activity Cell, held on April 26, 29, and 30, 2024.
- Departmental students attended a session on “*Guided Anti Drone System Development*”, organized by the IEEE Student Branch in collaboration with IIC, on May 7, 2024. **Resource person: Mr. Sajal Kanti Ray**, Distinguished Scientist, and Former Director, Research Centre Imarat (RCI), Hyderabad, Defense Research and Development Organization (DRDO).



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- Departmental students attended a *“Workshop on Intellectual Property Rights and Intellectual Property Management for Start-Ups”*, organized by IEI IT and IIC on April 29, 2024. **Resource person: Mr. Debabrata Das**, Corporate Counsel, Legal Department, Tata Consultancy Services Ltd.

II. Activity by the Faculty Members:

- **Dr. Sanchita Saha Ray**, served as the **Co-Coordinator** of the 5-Day FDP on *“Quantum Computing : A New Paradigm of Science & Technology”*, organized by the Research & Development Cell, STCET with Technical Co-sponsorship of IEEE Kolkata Section, held from May 13 to 17, 2024. The event witnessed enthusiastic participation from faculty members and professionals across various states of India.



Day 1 of the 5-Day FDP on *“Quantum Computing : A New Paradigm of Science & Technology”*, **May 13 to 17, 2024**, **Speaker: Prof. Amlan Chakraborty**, University of Calcutta; **Prof. Sushmita Sur Koley**, Machine Intelligence Unit (MIU), Indian Statistical Institute (ISI), Kolkata

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

- **Dr. Ranjit Ghoshal, Mr Amit Dutta, Ms. Subhashree Basu, Sk. Latib, Mr. Kalyan Das** and **Dr. Nilanjana Karmakar**, attended a FDP on *“Quantum Computing: A new Paradigm of Science & Technology”*, organized by St. Thomas' College of Engineering & Technology, Kolkata with Technical Co-Sponsorship of IEEE Kolkata Section, May 13-17, 2024.
- **Mr. Kalyan Das**, attended a FDP on *“Exploring The Future of Artificial Intelligence and machine Learning”*, organized by Department of Computer Science and Engineering (Artificial Intelligence and machine Learning), IEM Newtown in association with HRDC, IEM-UEM Group, June 24-28, 2024.

Publication Details

Book Chapter

- **Ghosal, A.*, Somolu H.+,** and **Dutta S.** *“Breast Cancer Prediction Using a Machine Learning Approach.”* Internet of Things-Based Machine Learning in Healthcare. Chapman and Hall/CRC, 2024. 38-54.

*: Faculty, +: student

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*“We cannot solve problems with
the same thinking we used to
create them.”*

Albert Einstein