



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 Dhandhaniam
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: III, APRIL 22, 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. Best Performance in Odd Semester 2024 University Examination

- **Anurag Chakraborty** of 4th Year, 1st Sem-**SGPA: 9.5**
- **Arka Sardar** and **Kushal Das** of 3rd Year, 1st Sem-**SGPA: 9.25**
- **Akash Mondal** of 2nd Year, 1st Sem-**SGPA: 9.23**
- **Soumyadip Maity** of 2nd Year, 1st Sem-- **SGPA: 8.80**

I. R&D Cell Events at College:

- Students have actively participated in **Innovative Idea Presentation Competition** on "**Problem Solving and Ideation Workshop**", Organized by the Research & Development Cell, In association with Institution's Innovation Council, STCET & IEEE Student Branch of STCET, Kolkata, February 28, 2025.



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023



- Students have participated in Technical Quiz session to commemorate **National Science Day Celebration**, Organized by the Research & Development Cell, In association with Institution's Innovation Council, STCET & IEEE Student Branch of STCET, Kolkata, February 28, 2025.

Publication Details

I. Journal Publication

1. **S. Basu***, **R. Ghoshal***, **M. Kule**. (2025). "*A Machine Learning Attack Immune Design of PUF using Symmetric Functions*," in International Journal of Communication Networks and Information Security (IJCNIS), 17(2), 421–431. Scopus Indexed, Retrieved from <https://www.ijcnis.org/index.php/ijcnis/article/view/8015>.
2. **S. Mukherjee**, **R. Ghoshal***, **B. C. Dhara**, "*Decoding Retinal Patterns through Permutation Importance Analysis*", Journal of Innovative Image Processing (JIIP), Volume 6, Issue-4, pp.346-364, 2024, <https://doi.org/10.36548/jiip.2024.4.006>.

II. Conference Publication

1. **R. Ghosh+** and **S. S. Ray***, "*DNA Sequence Alignment: Exploring All Potential Optimal Solutions*," IEEE 2025 3rd International Conference on Intelligent Systems, Advanced Computing and Communication (ISACC), Silchar, India, 2025, pp. 762-767, doi: 10.1109/ISACC65211.2025.10969163.
2. **R. Kunkri+** and **S. S. Ray***, "*Construction and Optimization of Regular Expressions in Genetic Sequence Analysis*," IEEE 2025 International Conference on Emerging Systems and Intelligent Computing (ESIC), Bhubaneswar, India, 2025, pp. 613-618, doi: 10.1109/ESIC64052.2025.10962793.

*STCET Faculty, + STCET student