



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

Newsletter

Bits and Bytes

Department

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CSE

Editors:

1. Mr. Subhankar Mallick
Assistant Professor,
2. Dr. Amit Paul,
Assistant Professor,
3. Ms. Sanghamitra De,
Assistant Professor,
4. Ms. Ghazaala Yasmin
Assistant Professor
5. Mr. Prasun Acharjee,
B. Tech, 3rd Year
6. Mr. Arkoprobho Chatterjee
B.tech, 2nd year.
7. Mr. Aradhita Dasgupta
B.tech, 1st year

For

Further Information Contact:
mousumi.dutt@stcet.ac.in

For Feedback Contact:

subhankar.mallick@stcet.ac.in

Vision of the Department

To continually improve upon its teaching-learning process and research with a goal to develop technical manpower with sound academic backgrounds, who will respond to challenges and changes faced by dynamic scenario of Computer Science and Engineering.

Mission of the Department

- To inspire the students to work with latest tools and to make them industry ready.
- To impart research based technical knowledge.
- To groom the department as a learning centre for inculcating advancement of technology in Computer Science and Engineering with social and environmental awareness.

Program Educational Objective of Computer Science and Engineering

- To educate students to solve the problems for analysis and implementation of algorithms leading to optimal solutions fulfilling the dynamic requirement of industry and society.
- To inculcate into students the understanding of Computer Science and Engineering for grooming would be practicing engineers with sound knowledge of logic and design.
- To execute research in emerging fields in computer science and engineering so as to face the challenges of global competitiveness.

Departmental Milestones

Performance in the University Examination:

Nikita Shah has attained Rank 3 in University Examination (MAKAUT), 2019.

Performance in NPTEL:

- Rudrajit Choudhuri, 2nd year secured GOLD and ELITE (top 5%) in *Joy of computing using Python*.
- Arkoprobho Chatterjee, 2nd year secured SILVER certificate in *Programming in Java* as well as *Introduction to Programming through C++*.
- Rupankar Chowdhury, 1st year secured SILVER medal in *Joy of computing using Python*.
- Debrup Sarkar, 1st year secured SILVER medal in *Joy of computing using Python*.
- Roshan Kumar Singh, 1st year secured SILVER medal in *Joy of computing using Python*.
- Spandan Banerjee, 3rd year has successfully completed the course on *Deep Learning-Part-I*.
- Ritwika Sasmal 3rd year has successfully completed the course on *Discrete Mathematics*.



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Performance in ZOOHACKATHON:

Team Pineapples Secured 1st Position in 1st Zoonhackathon in Kolkata and it was published in Times of India on 18th November, 2019.



Events/ Workshops attended:

- Shubhashish Moitra 2nd Year was the Finalist of Oxford style Debate at CU Law College.
- Shubhashish Moitra 2nd Year attended the workshop at IIT KGP for Artificial Intelligence and Machine Learning.

Faculty Achievement

Dr. Biswajita Datta awarded Ph.D in Computer Science & Engineering from University of Calcutta on 24th December, 2019.



PUBLICATION DETAILS

- **Amit Paul⁺, Jaya Sil**, “Identification of differentially expressed genes to establish new Biomarker for cancer prediction”, IEEE/ACM Transactions on Computational Biology and Bioinformatics, vol. 16, no. 6, pp: 1970-1985, 2019, doi: 10.1109/TCBB.2018.2837095.

⁺ Publications by college faculty