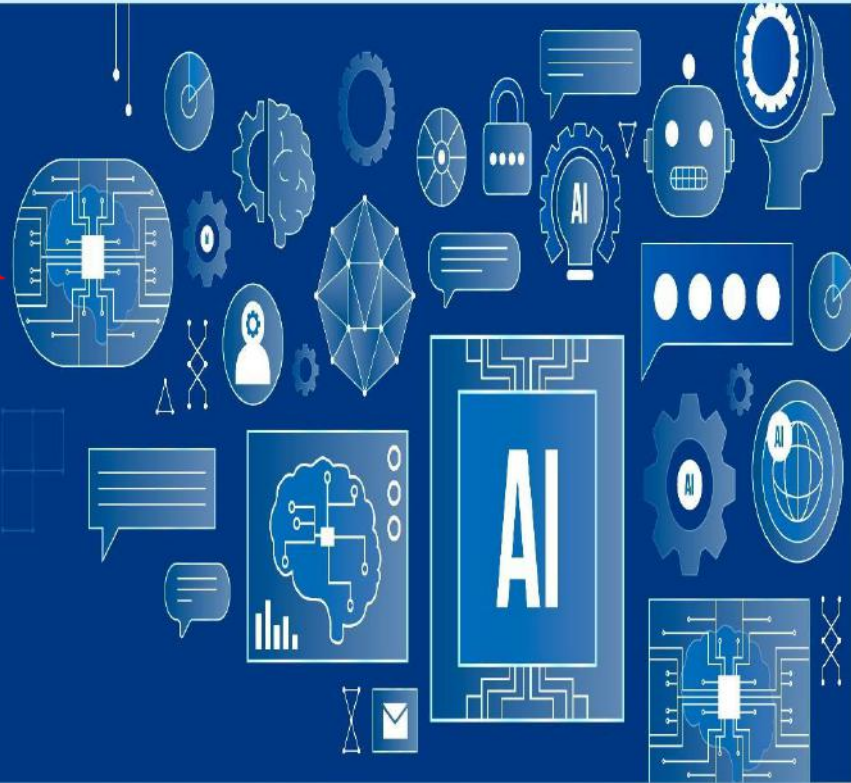




St. Thomas' College of Engineering & Technology
Kidderpore, Kolkata, West Bengal

NEWSLETTER
Bits & Bytes



DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

-: April to June :-

V O L U M E CSIX - EDITION IV, JULY 31, 2024

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

Have a visit to our website:

For Feedback Contact: subhankar.mallick@stcet.ac.in

www.stcet.ac.in



St. Thomas' College of Engineering and Technology

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Volume: CSIX-Edition: IV, 31st July, 2024

Editors:

1. Mr. Arinjay Bhowmick,
B.Tech 4th year,
2. Ms. Supriti Kole,
B.Tech 4th year,
3. Ms. Tanir Sahoo,
B.Tech 3rd year,
4. Mr. Anwesha Chakraborty,
B.Tech 2nd year
5. Ms. Prachi Bhosale,
B.Tech 1st year

To continually improve upon the teaching-learning processes and research with a goal to develop quality technical manpower with sound academic and practical experience, who can respond to challenges and changes happening dynamically in Computer Science and Engineering.

Faculty in-charges:

1. Mr. Subhankar Mallick
Assistant Professor
2. Dr. Tapalina Banerjee
Bhattacharjee,
Assistant Professor

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.

For

Further Information Contact:

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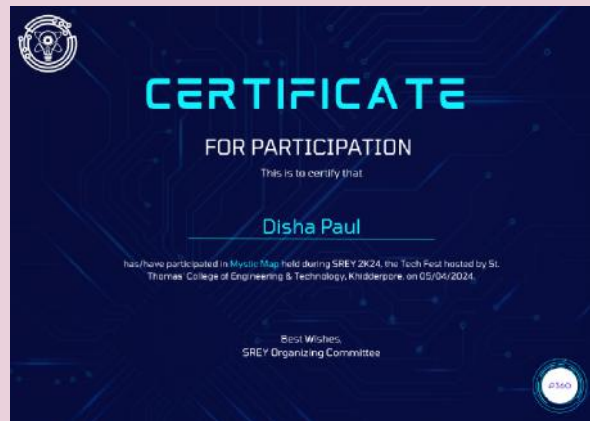
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Departmental Milestones

Student's Achievements:

- ❖ **Disha Paul**, 2nd year has participated “Mystic Map” in SREY 2K24, the Tech Fest hosted by St. Thomas' College of Engineering and Technology, Kolkata on 05 April 2024.



- ❖ **Anurima Ghosal**, 2nd year student, secured ELITE with 75% in the **Joy of Computing using Python**, 8 weeks (Jan-Apr 2024) NPTEL course.



- ❖ **Sreedipta Karmakar**, 4th year student has been awarded as best dancer of CSE in college farewell of 2024 batch.





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Publication Details

- ❖ Suvendu Chattaraj, **Amartya Chakraborty**†, and Biplab Das, “Performance evaluation of a new Kalman filter based peer-to-peer tracking scheme for indoor environment”, Internet Technology Letters, vol. 7, no. 6, May 2024.
- ❖ Sabyasachi Samanta, Sudipta Roy, **Abhijit Sarkar**†, Dipak Kumar Jana, “Linguistic Response Surface Methodology Approach to Measuring the Quality of Nonlinear Frame-Pixel and Bit Plane-based Video Steganography”, Security and Privacy, John Wiley & Sons, vol. 7, no. 5, pp 1-27, May 2024.
- ❖ **Mousumi Dutt**†, Arindam Biswas, Benedek Nagy, “Counting of Shortest Paths in a Cubic Grid”, Acta Polytechnica Hungarica, vol. 21, no. 6, pp. 169–186, July 2024.
- ❖ **Mousumi Dutt**†, Mayuri Ghosh, and Arindam Biswas, “Generation of straight line in hexagonal cell grid”, International Conference on Frontiers in Computing and Systems, Springer Nature, vol. 975, pp. 357–367, July 2024.

† Publications/Patent by college faculty

* Publications by college students under the guidance of college faculty

Patents Details

A System and Method for Adaptive Learning and Interpretation of Language Proficiency, 202431026943, 1)Dr. Santanu Koley, 2)Dr. Tarun Kumar Ghosh, 3)Dr. Tapas Si, 4)Baisakhi Mukherjee, 5)Dr. Samiran Sur, 6)Shanta Phani, 7)Dr. Shantanu Siuli, 8)Dr. Md. Firoj Ahmmed, 9)Dr. Md. Samsujjaman, 10)**Sayani Bose**†, 11)Anandi Ghosh, INDIA, June, 2024.

† Publications/Patent by college faculty

* Publications by college students under the guidance of college faculty

Faculty Participation in Online Course

- ❖ **Dr. Stobak Dutta, Sayani Bose, Silpi Ghosh, Ritesh Prasad, Ranit Baram Debosmita Roy** has successfully completed 5-days (13th May – 17th May, 2024) online FDP on **Inculcating universal human values in technical education** organized by AICTE





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❖ **Dr. Mousumi Dutt, Subhankar Mallick, Amiya Halder, Debashis Chakraborty, Ranjita Chowdhury, Suparna Dutta, Swapna Halder and Jaya Das** has successfully completed 5-days (13th May – 17th May, 2024) FDP on Quantum Computing: A New Paradigm of Science & Technology organized by St. Thomas' College of Engineering and Technology.





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*“Everybody should learn to program a computer, because
it teaches you how to think.”*

- STEVE JOBS, FORMER CEO AND CREATOR OF APPLE