



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

Newsletter

Bits and Bytes

Department

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Computer Science & Engineering

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B.Tech 4th year,
3. Ms. Ayush Singh
B.Tech 3rd year,
4. Mr. Mriganka Manna
B.Tech 2nd year
5. Ms. Sudipta Maiti
B.Tech 1st year

Faculty in-charges:

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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.



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Departmental Milestones

Participation in Online Course:

- **Anwesh Chakraborty**, 1st year has secured with ELITE with 88% in an 8-week online course (February - April, 2023) on *Enhancing Soft Skills and Personality* by NPTEL.



Publication Details

- **Dutta, S., Das, M.,** "An autonomous lightweight model for aerial scene classification under labeled sample scarcity", *Appl Intell* 53, 22216–22227 (2023). <https://doi.org/10.1007/s10489-023-04694-2>
- **Amiya Halder, Rudrajit Choudhuri, Pritam Bhattacharya,** and Apurba Sarkar, "Enhanced Kernelized Conditional Spatial Fuzzy C Means Algorithm for Noisy Brain MRI Tissue Segmentation", *13th Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP-2022)*, Springer, December 2022.
- **Amiya Halder, Rudrajit Choudhuri,** and Apurba Sarkar, "A Novel Statistical High-Density Salt-and-Pepper Noise Removal Algorithm for Brain Magnetic Resonance Images". *13th Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP-2022)*, Springer, December 2022.

† Publications by college faculty

* Publications by college students under the guidance of college faculty