



# St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

Newsletter

Department

Computer Science & Engineering

## Editors:

1. Mr. Aradhita Dasgupta  
B.Tech 4<sup>th</sup> year,
2. Ms. Chayani Basak  
B.Tech 4<sup>th</sup> year,
3. Ms. Ayush Singh  
B.Tech 3<sup>rd</sup> year,
4. Mr. Mriganka Manna  
B.Tech 2<sup>nd</sup> year
5. Ms. Sudipta Maiti  
B.Tech 1<sup>st</sup> year

## Faculty in-charges:

1. Mr. Subhankar Mallick  
Assistant Professor
2. Uddalak Chatterjee  
Assistant Professor

## For

### Further Information Contact:

[mousumi.dutt@stcet.ac.in](mailto:mousumi.dutt@stcet.ac.in)

### For Feedback Contact:

[subhankar.mallick@stcet.ac.in](mailto:subhankar.mallick@stcet.ac.in)

## Bits and Bytes

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



### Faculty Participation in Online Course

- **Dr. Tapalina Banerjee Bhattacharjee** has successfully completed a 3-months (January – March, 2023) online course on *Introduction to Soft Computing* and 2-months (January – February, 2023) online course on *Python for Data Science* organized by NPTEL.
- **Amiya Halder** has successfully completed a 8-week (January – March, 2023) online course on *Introduction to Soft Computing* organized by NPTEL

### Publication Details

- **Dutta, Suparna<sup>†</sup>**, and Monidipa Das. "Remote sensing scene classification under scarcity of labelled samples—A survey of the state-of-the-arts." *Computers & Geosciences*, Vol. 171, No. C, Feb 2023
- Anukul Maity, **Mousumi Dutt**, Arindam Biswas, "Rectangularization of Digital Objects and Its Relation with Straight Skeleton's", *21st International Workshop on Combinatorial Image Analysis: IWCI'A'22, Messina, Italy, LNCS 13348*, pp. 31-45, Springer-Verlag, July 13–15, 2022.
- Rudrajit Chaudhuri and **Amiya Halder**, "Histopathological Nuclei Segmentation using Spatial Kernelized Fuzzy Clustering Approach". in *11th International Conference on Soft Computing for Problem Solving (SoCPros – 2022), IIT Mandi, Himachal Pradesh, 14th -15th May, 2022*. in *11th International Conference on Soft Computing for Problem Solving (SoCPros – 2022), IIT Mandi, Himachal Pradesh, 14th -15th May, 2022*.

<sup>†</sup> Publications by college faculty

\* Publications by college students under the guidance of college faculty