



# St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

Newsletter

## Bits and Bytes

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Department

### 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.

### 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

#### For Feedback Contact:

subhankar.mallick@stcet.ac.in

### 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

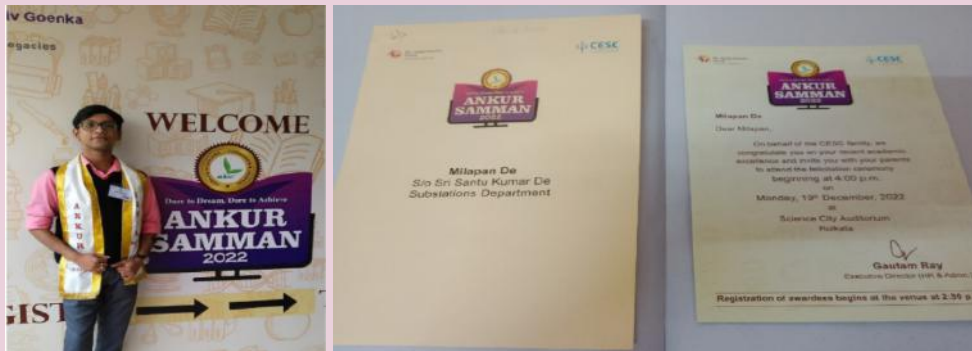
### Student's Achievements:

- **Sayak Hajra**, 2<sup>nd</sup> year, secured "Runner-up" in the Football tournament on 15th November, 2022, which was organized by STCET.
- **Milapan De**, 1<sup>st</sup> year, is the awardee of the Ankur Samman Award, 2022 by CESC which was awarded on 19th December, 2022 for academic excellence in ISC Examinations.



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- **1<sup>st</sup> year CSE students** participated in “Innovative model making”, “Awareness on IPR”, “Motivational Session by Successful Entrepreneur”, Extempore, creative writing and poster making competition held on 26th October - 31st October, 23<sup>rd</sup> November and 12<sup>th</sup> December, 2022 which was organized by IIC and EDC Cell, STCET.



- **Nabarun Kar and Sounav Saha**, 4<sup>th</sup> year, Won EPIC Challenge Season 4 hosted by TVSCredit on Unstop (17th November, 2022).



### Participation in Online Course:

- **Subhojit Ghosh**, 2<sup>nd</sup> year has completed 3 online courses (MOOC) under *Leadership and Negotiation Skills* by Coursera on 19<sup>th</sup> December, 2022.



### Faculty Participation in Online Course

- **Dr. Mousumi Dutt** has successfully completed 5-days (1<sup>st</sup> December – 5<sup>th</sup> December, 2020) online FDP on *Internet of Things (IoT)* organized by STCET.
- **Dr. Tapalina Banerjee Bhattacharjee, Ranjita Chowdhury and Suparna Dutta** have successfully completed 5-days (19<sup>th</sup> December – 23<sup>rd</sup> December, 2022) online Workshop on Universal Human Value on the theme *Inculcating Universal Human Values in Technical Education* by AICTE.
- **Debashis Chakraborty** has successfully completed a 12-week (July – November, 2022) online course on *The Psychology of Language* organized by NPTEL
- **Sanghamitra De** has successfully completed 5-days (19<sup>th</sup> December – 23<sup>rd</sup> December, 2022) online Workshop on *Design direct and indirect assessment tools* organized by NITTTR, Kolkata.

### Publication Details

- **Uddalak Chatterjee, Sangram Ray, Sharmistha Adhikari, Muhammad Khurram Khan, and Mou Dasgupta**, "Efficient and secure e-voting scheme using elliptic curve cryptography," *Security and Privacy*, vol. 6, no. 3, e283, 2023, doi: 10.1002/spy2.283.

† Publications by college faculty

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