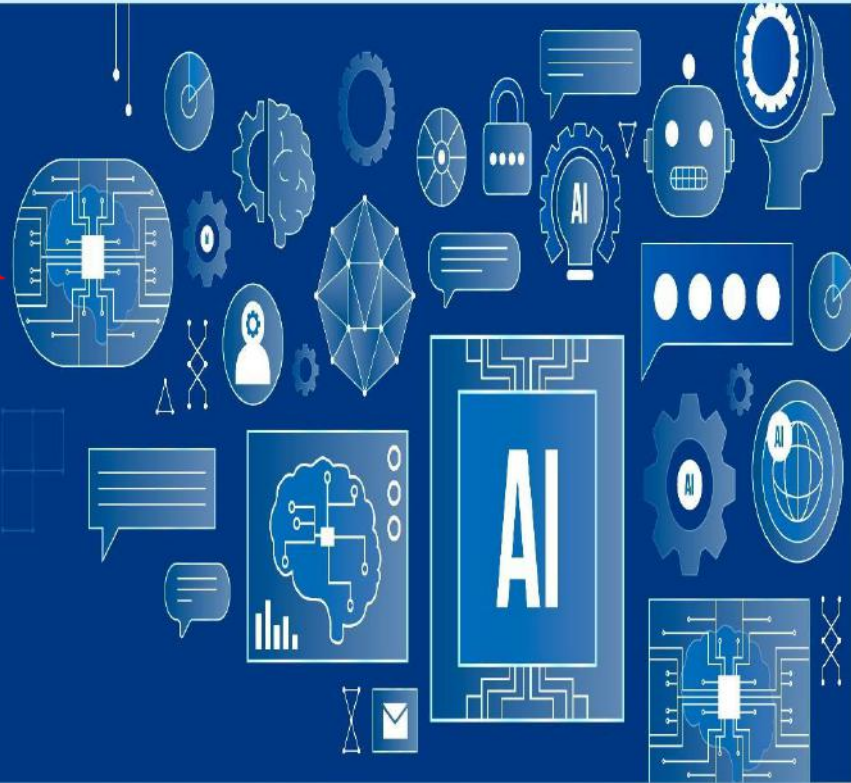




St. Thomas' College of Engineering & Technology
Kidderpore, Kolkata, West Bengal

NEWSLETTER
Bits & Bytes



DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

-: July to September :-

VOLUME CSIX - EDITION I, OCTOBER 16, 2023

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

4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

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Volume: CSIX-Edition: I, 16th OCTOBER, 2023

Vision of the Department

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.

Mission of the Department

Faculty in-charges:

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

- 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

For

Further Information Contact:

mousumi.dutt@stcet.ac.in

For Feedback Contact:

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- 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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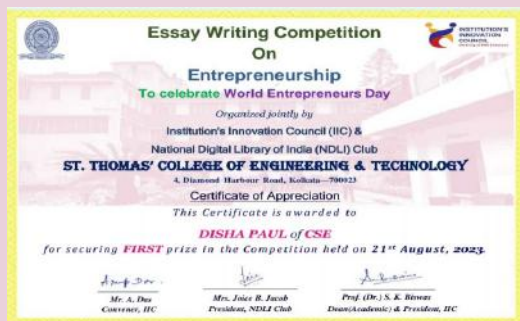
Departmental Milestones

Student's Achievements:

- ❖ **Sreedipta Karmakar**, a 4th year student, secured **third position** in "CODE DEBUGGING" event of "CODIGO". It is organized by St. Thomas' College of Engineering and Technology, Co-curricular Activity Cell and IEEE Student Branch (St. Thomas' College of Engineering and Tech- Kolkata).



- ❖ **Disha Paul**, 2nd year has achieved **1st position** in **Essay Writing Competition on Entrepreneurship** which was organized jointly by Institution's Innovation Council (IIC) and National Digital Library of India Club (NSDL), held on 21st August, 2023, and also participated in **Chandrayaan-3** Maha quiz which organised by Indian Space Research Organisation (ISRO) and MyGov on 1st September, 2023.



- ❖ **Dyutiprovo Sarkar**, 3rd year has secured **2nd position** in **Essay Writing Competition on Entrepreneurship** which was organized jointly by Institution's Innovation Council (IIC) and National Digital Library of India Club (NSDL), held on 21st August, 2023.





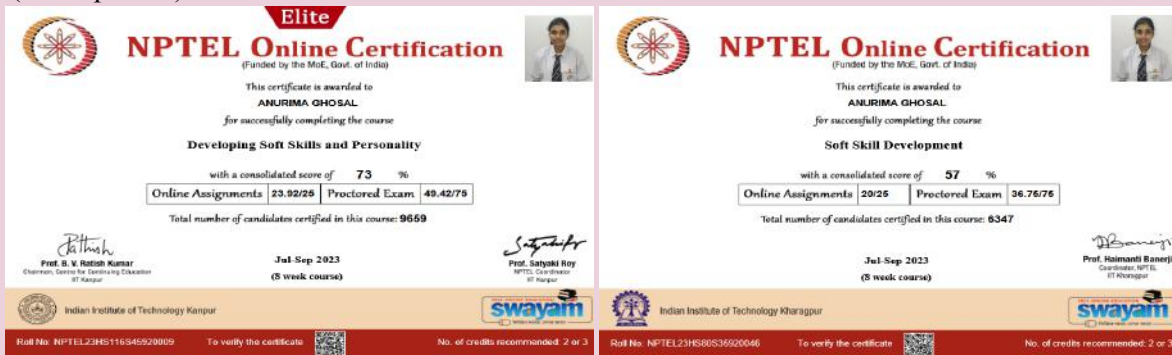
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- ❖ Arnab Chowdhury 4th year secured ELITE with 71% in Computer Graphics 8 weeks (Jul-Sep 2023) NPTEL course.



- ❖ Anurima Ghosal 2nd year secured ELITE with 73% in Developing Soft Skills and Personality 8 weeks (Jul-Sep 2023) NPTEL course and also secured 57% in Soft Skill Development 8 weeks (Jul-Sep 2023) NPTEL course.



Events Organized

- ❖ A 3 Days Workshop for 2nd year CSE students on “Guardians of Innovation: Fortifying the Digital Fortress & Strengthening Cyber Security”, from 31th July, 2023 to 2nd August, 2023 was organized by the department of Computer Science & Engineering in digital platform (Google Meet).

Publication Details

- ❖ P. Paul*, S. Ghosh, and A. Haldar†, “Rough Enhanced Fuzzy Segmentation Algorithm for Region Detection”, Proceedings of 4th International Conference on Frontiers in Computing and Systems, COMSYS2023, Springer, LNNS vol. 975, pp. 563-578, 2023.
- ❖ U. Chatterjee†, S. Ray, D. Sadhukhan, and M. Dasgupta, “An improved authentication and key management scheme for hierarchical IoT network using elliptic curve cryptography”, Innovations in Systems and Software Engineering, 19(3), pp.231-246, 2023

† Publications/Patent by college faculty

* Publications by college students under the guidance of college faculty



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Faculty Participation in Online Course

- ❖ **Dr. Mousumi Dutt, Dr. Biswajita Datta, Dr. Amit Paul, Subhankar Mallick, Samrat Sarkar, Amiya Halder, Sanghamitra De, Ranjita Chowdhury and Suparna Dutta** has successfully completed a 5 days online FDP from 10th July – 14th July, 2023 on **Artificial Intelligence in Advanced Machine Learning and Cloud Computing (AIAMLCC2023)** organized by Haldia Institute of Technology.





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- ❖ **Swapna Haldar** has successfully completed 3-days online **FDP** from 07th September – 09th September, 2023 on **SMART FARMING: Integrating Machine Learning, Computer Vision, and IoT for Precision Agriculture** organized by Department of Mathematics, KL (Deemed-to-be) University, Hyderabad, India.



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

- STEVE JOBS, FORMER CEO AND CREATOR OF APPLE