St. Thomas' College of Engineering and Technology
4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

Bits and Bytes
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Vision of the Department

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

- 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 to inculcate advanced technologies in Computer Science and Engineering with social and environmental awareness.

Departmental Milestones

Editors:

1. Dr. Amit Paul,
Assistant Professor

2. Ms. Sanghamitra De,
Assistant Professor

3. Ms. Ghazaala Yasmin,
Assistant Professor

4. Ms. AishwaryaMurmu,
B. Tech, 4th Year

For
Further Information &
Feedback Contact:

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Academics & Beyond:
- Nishat Khan, 4th year designed and deployed 'Faculty Feedback System' for in Oct-Nov 2018.
- Performances of Tapashi Dutta and Ausree Ghose of 3rd year were among Top 1% for the MOOC offered by NPTEL: 'Introduction to R Software'.
- Performance of Delfia Ghosh of 3rd year was among Top 2% for the MOOC offered by NPTEL: 'Introduction to R Software'.

Events:
- Abhilash Misra 4th year, qualified in Cognizant Hackathon 2018.
- Dipayan Sinha of 3rd year was the Campus ambassador for Tempest 18 organized by Marine Engineering & Research Institute, Taratala.
- Tathagata Chowdhury and Anik Chakraborty of 3rd year donated blood at Blood Donation campaign on 11 Jan, 2019 organized by Ruby Hospital.
- Arkoprobho Chaterjee, Subhankar Ghosh, Aousnik Gupta, Mehdi Hossain, Anish Bhanu, Rahul Kumar, Disha Bhattacharya, Biswajeet Chakraborty and Asif Equebal of 1st year donated to Relief camp (Kerala CM's relief fund).
- Debmalya Chakravorty of 1st year donated to MILAAP – an NGO for patients.
- Nalanagula Swetha of 1st year donated blood at Blood Donation camp.
- Madhurima Ghosh of 1st year participated in Meghalaya Trekking cum Caving Expedition – YHAI.
- Arghajeet Christopher Gomes and Malika Dutta of 1st year attended Global Blockchain Congress- Consensus 2018, organised by Department of Information Technology and Electronics.
- Rahul Kumar of 1st year participated in Ethical Hacking Workshop.
- Anik Chatterjee of 1st year was in the team that won inter-college football competition.

Conference Participation:
- **A.Halder**[†], P. Bhattacharya[*], N. Shah[*] "Numerical Integration Based Contrast Enhancement using Simpson's method", Computational Intelligence in Pattern Recognition (CIPR) 2019, IIEST- Shibpur, India, 19 to 20 January 2019.
- **A.Halder**[†], S.Ghose[*], "Blood vessel extraction from retinal images using modified Gaussian filter and bottom-hat transformation", Computational Intelligence in Pattern Recognition (CIPR) 2019, IIEST - Shibpur, India, 19 to 20 January 2019.

- **G. Yasmin**[†]**,** A.Chaterjee, Asit K. Das, "An approach for video summarisation using graph based clustering", Computational Intelligence in Pattern Recognition (CIPR) 2019, IIEST - Shibpur, India, 19 to 20 January 2019.
- S. Agarwal[*], A.Chaterjee[*], **G. Yasmin**[†]**,** "Automated multilingual system from speech", Computational Intelligence in Pattern Recognition (CIPR) 2019, IIEST - Shibpur, India, 19 to 20 January 2019.
- **S. De,**[†] M. S.Barik, I. Banerjee, "A percolation-based recovery mechanism for bot infected P2P cloud", 20th International Conference on Distributed Computing and Networking (ICDCN), IISc - Bangalore, India, 04 to 07 January 2019.

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