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

Tech Times

Volume: IV, Edition: II, January 25, 2019

Vision

To promote the advancement of learning in Information Technology through research oriented dissemination of knowledge which will lead to innovative applications of information in industry and society.

Mission

- To incubate students grow into industry ready professionals, proficient research scholars and enterprising entrepreneurs.
- To create a learner- centric environment that motivates the students in adopting emerging technologies of the rapidly changing information society.
- To promote social, environmental and technological responsiveness among the members of the faculty and students.

Recent Technology Trend: Cloud Adoption

The recent enterprises are adopting a policy called **Cloud adoption** to advance the scalability of Internet-based database capabilities at the same time decreasing cost and threat of security breach. In order to achieve this, organizations practise cloud computing and use remote systems available on the Internet to manage and process their data. This strategy helps to store secured data in a space called the private cloud while using the resources like software and hardware like printer, scanner etc., from another space called the public cloud to execute applications operating on private data.

Prof. Amit Kumar Siromoni
Head of the Department,
Department of Information Technology,
St. Thomas' College of Engineering and Technology

Departmental Milestones

Performance in NPTEL:

1st Year

- **Budhaditya Chatterjee**(80%) of 1st year has acquired ELITE position, **Rupak Deb**(87%)**, Sivangi Chatterjee**(85%)**, Ankit Agarwal**(85%) **, Shreyasee Ghosh**(87%)**,** of 1st year are among *Top 5% of certified candidates* and **Arquam Ejaz** (96%)**, Subhradeep Dutta**(97%)**, Srishti Ganguly (93%)** of 1st year are among *Top 1% of certified candidates* and have acquired ELITE+GOLD in the course **Developing Soft Skills and Personality.**

- **Debargha Ghosh**(84%) have acquired ELITE positions in the course **Programming, Data Structures and Algorithms using Python.**
- **Awritrojit Banerjee**(88%) and **Mainak Sur**(88%) have acquired ELITE positions in the course **Discrete Mathematics**
- **Debangshu Das**(80%) has acquired ELITE positions in the course **Technical english for Engineers**

2nd Year

- **Nilanjan Roy**(96%)**, Akash Bose** (94%)**, Soumi Chatterjee**(90%) have acquired Elite+GOLD in the course **The Joy of Computing using Python** and **Nilanjan Roy** is also among *Top 5% of certified candidates* in this course.

3rd Year

- **Reeyam Biswas** (90%) have acquired ELITE+GOLD and **Amitava Ray** (86%) have acquired ELITE in the course **Introduction to R Software.**

Faculty Development Programme (FDP) attended

- **Dr. Arindam Chakravorty** attended the FDP on **Symbolic Logic** organized by NPTEL and secured position among **Toppers**.
- **Dr. Arindam Chakravorty** attended the FDP on **Software Engineering** organized by NPTEL and secured position among *Top 1% of certified candidates*.
- **Ms Subhashree Basu** attended the FDP on **Software Engineering** organized by NPTEL and secured position among *Top 5% of certified candidates*.
- **Ms Aditi Bal** and **Ms Sanchita Saha Ray** attended the FDP on **Hardware Modelling with Verilog** organized by NPTEL and secured position among ELITEs.

PUBLICATION DETAILS

Conference Publication

S. Saha Ray+, S. Singh[*], C. Sengupta[*], S. Ghosh, B. Sardar "A Fine-grained Integrated IP Lookup Engine for Multigigabit IP Processing" In Proc. of IEEE ANTS (Advanced Networks and Telecommunications Systems) 2018, Indore, 16-19 December, 2018.

+: IT Faculty, !: Other departments' faculty, *: Student