



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata- 700023

NEWSLETTER

DARPAN

(THE IMAGE OF ACHIEVEMENTS)

VOLUME: V, EDITION: IV, 14TH JULY, 2020

DEPARTMENT

VISION OF THE DEPARTMENT

ECE

To build a strong teaching and research environment to cater to the manpower needs in Industrial and Academic domains of the rapidly growing Electronics and Communication Engineering.

MISSION OF THE DEPARTMENT

- Editors:**
- 1 Sudipta Dutta
Assistant Professor,
 2. Prashnatita Pal
Assistant Professor,
 3. Pritam Mukherjee,
4th Year ECE
 4. Srijita Sanyal
4th Year ECE
 5. Diptesh Sarkar
4th Year ECE
- ❖ To produce certified industry-ready professional in Electronics and Communication Engineering, through innovative educational programs incorporating laboratory practices and project based teaching-learning processes, in a modern environment.
 - ❖ To create knowledge base of advanced technologies through research in the area of Electronics and Communication, for competitive and sustainable development of the country.
 - ❖ To groom the department as a learning centre to inculcate advancement of technology in Electronics and Communication Engineering with social values and environmental awareness.

RECENT TECHNOLOGY TREND

While dealing with COVID-19, the world learned many lessons. And it's important to learn the lessons to prepare ourselves for the next pandemic and also to prevent the possible pandemics. Lockdown made the skies clear and reduced the pollution to a drastic extent. This made us realize that whatever damage we are doing to the environment can be reversible. It made us focus more on sustainable development. Even though corona virus does not seem to be a biological weapon, the threat of bio-weapons is real. During this phase, many companies, especially IT companies allowed their employees to work from home. It reduced traffic and enabled people to spend more time with their families. Many people are now relying on the internet for many purposes like educating their children, availing telemedicine facilities etc. Now, many people are taking healthy food and avoiding junk food to boost immunity. COVID-19 pandemic came when the world was least prepared for it. This phase taught us to be better prepared for the future.

Dr. Prasun Chowdhury
HOD, Department of Electronics and Communication Engineering

**For
Further
Information
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DEPARTMENTAL MILESTONES

STUDENT ACHIEVEMENT

Name	Year	Achievement details
PRAGNA PURKAIT	1 st Year	Awarded with 5th position in poster making competition in Reenergize tech fest organized by Fur- Energy Grid.
PARAMITA GHOSH	1 st Year	Certified as top performer for completing 5 weeks of internship in Website Designing at Internship Studio.
TIYASA CHAKRABORTY	1 st Year	Qualified the examination of round 1 & 2 in National Engineering Olympiad.
ANWESHA PACHAL	3 rd Year	Achieved 3 rd position in Quarantine Melodies online singing competition hosted by Kolkata Boombox Community.

FACULTY DEVELOPMENT PROGRAMME

- **Dr. Prasun Chowdhury** from ST. THOMAS' COLLEGE OF ENGINEERING & TECHNOLOGY, KOLKATA, participated in the 4-days Online Course on Examination Reforms conducted during 29th April to 2nd May 2020 organized by AICTE.
- **Tanusree Dutta** attended DIGITAL TEACHING TECHNIQUES organized by ICT Academy from 29 Jun 2020 to 04 Jul 2020.
- **Tanusree Dutta** attended and completed successfully Short Term Training Programme through ICT Mode on "Numerical and statistical methods with python", organised by this institute from 04/05/2020 to 08/05/2020 [duration: 1 Week].
- **Sudipta Dutta** attended and completed successfully Short Term Training Programme through ICT Mode on Introduction to PYTHON Programming organized by NITTTR institute from 22/06/2020 to 26/06/2020.
- **Sumani Mukherjee** attended and completed successfully Short Term Training Programme through ICT Mode on " Measurement and Control of Industrial Automation", organized by NITTTR institute from 27/04/2020 to 01/05/2020.
- **Sumani Mukherjee** attended and completed successfully Short Term Training Program through ICT Mode on Introduction to PYTHON Programming organized by NITTTR institute from 22/06/2020 to 26/06/2020.
- **Ankush Chattopadhyay** attended and completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Sensor Technology" by AICTE.

FACULTY ACHIEVEMENT

Juin Acharjee Completed PhD. in Engineering from National Institute of Technology Durgapur, Under Visvesvaraya Fellowship Scheme, MeITY, Govt. of India.

WEBINAR ATTENDED

- **Dr. Dipankar Kundu** attended Webinar on 'Engineering. Ambition. You, Engineering Redefined' by National Instruments (ni.com) on 16. 06,2020.
- **Dr. Dipankar Kundu** attended Virtual Symposium on 'Emerging Areas of Photonics' to Celebrate International Day of Light organised by The National Academy of Sciences India (NASI) - Delhi Chapter and The Optical Society of India on 16.05.2020.
- **Ankush Chottopadhyay** attended One day Technical Talk on Low Power Design, Organized by IEEE EDS, Kolkata Chapter.
- **Ankush Chattopadhyay** attended one day Webinar on "Impact of COVID-19 on Physical and Mental Health".



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PUBLICATION DETAILS

- Juin Acharjee*, Kaushik Mandal, and Sujit Kr. Mandal, “Optically controlled superwideband to Multiband Reconfigurable Antenna for wireless application Micro and Nanosystems”, vol. 12; 2020 (Accepted for publication).
- Ghosh.S and Mallick.M and Bhowmik.B and Dasgupta. D and Pal P, Development of Speech Encrypting and Decrypting Embedded system. National Conference Interdisciplinary Research and Innovative Technologies (NCIRIT 2020).