



TECHNO COLLEGE OF ENGINEERING AGARTALA

5 Day Faculty Development Program on “RECENT TRENDS IN MATERIALS AND FLEXIBLE ELECTRONICS”

On

10th -14th April, 2023 (Virtual mode)

Organized by

DEPT. OF ELECTRONICS AND
COMMUNICATION ENGINEERING

CHIEF PATRON

Prof. Goutam Roy Chowdhury (Chairman, Techno India Group)

PATRONS

Dr. Dibakar Deb, Principal TCEA

ADVISORY COMMITTEE

Mr. Kunal Ganguly (Director, Techno India Group)
Dr. Tanmoy Chakraborty, Assistant Professor,
Techno Main, Saltlake
Mr. Malay Ghata, HOD ECE, TCEA
Dr. Arpan Laskar, HOD Civil, IQAC Co-ordinator

COURSE CO-ORDINATOR

Dr. Priyansha Bhowmik, Dept. of ECE, TCEA

ORGANIZING COMMITTEE

Mr. Malay Ghata, HOD, Dept. of ECE, TCEA
Dr. Priyansha Bhowmik, Dept. of ECE, TCEA
Mr. Dipjyoti Deb, Dept. of ECE, TCEA

Ms. Ghungur Bhaumik, Dept. of ECE, TCEA
Ms. Susmita Majumder, Dept. of ECE, TCEA
Ms. Tandra Sutradhar, Dept. of ECE, TCEA

ABOUT THE INSTITUTE

Techno College of Engineering Agartala (TCEA), a unit of Techno India Group (Approved by AICTE, Govt. of India and affiliated to Tripura University) was established in the year 2014. At present the Institute is running with 9 UG level courses and 7 Diploma Courses. The Institute is dedicated to creating highly trained professional manpower in various disciplines of Engineering and Technology with an aim in creating individuals with high moral, commitment, dedication & loyalty to serve the society and the nation.

OBJECTIVE AND SCOPE

Flexible electronics is a technology that allows building circuits on flexible substrates, thus making them bendable and stretchable. It has gained significant importance over the past years and has become important to many sectors such as consumer electronics, automotive, retail and healthcare. This program will help the faculty members, research scholars, and P.G. students to understand recent advances in flexible electronics and sensors.

After the completion of the FDP, participants should be able to understand the concept of the following topics.

- Application of Optical Logic Gates in optical communication networks and quantum gates.
- Application of Flexible integrated photonic devices wearable sensors, bendable displays, and implantable medical devices
- Application of flexible electronic sensors in healthcare system.
- Introduction to Acoustic Wave resonators

- Fundamental of Piezoelectricity and Acoustic Wave Propagation.
- Design of Surface Acoustic Wave resonators and its application.
- Bulk Acoustic Wave Resonators and its application

EMINENT SPEAKERS



Dr. Bishanka Brata Bhowmik,
Assistant Professor, Tripura
University.



Dr. Mitradip Bhattacharjee (Post-
Doctoral Fellow of University of
Glasgow, UK), Assistant Professor,
IISER Bhopal. Former YP chair IEEE
Sensor (Senior Member, IEEE).



Dr. Shuvam Pawar (Post-Doctoral
Fellow of IIT Bombay), Assistant
Professor, NIT Warangal.

PARTICIPANTS

Internal and External Faculty Members, Research Scholars, PG Students and Industry personnel.

IMPORTANT POINTS

1. Registration can be done through the Google form:
<https://forms.gle/LtQM5sZqtezV58nV9>
2. The last date for registration is 06-04-2023 (4.00 PM)
3. No Registration Fee is required and e-Certificate will be issued to all the participants.
4. Contact Detail : tceaace@gmail.com