

TWO DAYS WORKSHOP

ON

Microwave and Antenna Technology

(MAT-2017)

31st Mar-1st April, 2017



Organized by

**Department of Electronics
&
Communication Engineering**

In association with

IEEE AP/ MTT Kolkata Chapter



Siliguri Institute of Technology

Under Techno India Group

(Approved by AICTE & Affiliated to MAKAUT)

P.O: Sukna, Siliguri, Dist: Darjeeling
West Bengal – 734009
India

ABOUT THE WORKSHOP

Microwave as well as antenna engineering has been increasingly adopted in many diverse applications such as radio astronomy, long-distance communications, space navigation, radar systems, medical equipments as well as missile electronic systems. As a result of the accelerating rate of growth of microwave and antenna technology in research and industry sectors; students, teachers and practicing engineers in these area are faced with the need to understand various theoretical and experimental aspects of design and analysis of microwave circuits, antennas and simulation techniques, as well as their applications.

The principal objective of this workshop is to train, educate and appraise students, research scholars and professionals from academic institutes, industries and other sectors in the field of microwave and antenna engineering. The workshop will focus upon exploring new avenues with latest advances in the field of microwave and antenna technology through lectures of distinguished and eminent scientists and researchers.

PARTICIPANTS

- Scientists and Academicians
- Students and Teachers from Engineering Colleges
- Research Personnel from R & D organizations
- Practicing Engineers from Industries

TOPICS OF INTEREST

- Computational Electromagnetics
- Microwave devices and circuits
- Printed Antenna Technology
- Dielectric Resonator Antenna
- Fractal Antennas
- Antenna Simulation techniques
- Antennas for modern applications

SILIGURI INSTITUTE OF TECHNOLOGY

Siliguri Institute of Technology (SIT) is one of the premier Institutes in Eastern India under Techno India Group and approved by AICTE. We are conducting B. Tech Degree Courses in five disciplines (i.e. Electronics & Communication Engineering, Civil Engineering, Electrical Engineering, Computer Science & Engineering and Information Technology) and also BCA, MCA, HMCT & MBA courses. Our Institute is affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly WBUT for the award of degree. Within a short span of time, the Institute has made its presence felt in the state & in the country.

Siliguri Institute of Technology is about 5 kms. away from Siliguri town. The Institute has a sprawling and picturesque campus surrounded by lush green tea gardens and dense forests.

Vision: To be a recognized institution offering high quality education, opportunities to students to become globally employable Engineers/Professionals in best ranked industries and research organization.

Mission: To impart quality technical education for holistic development of students who will fulfill the needs of the industry/society and be actively engaged in making a successful career in industry/research/higher education in India & abroad.

THE DEPARTMENT

The department of Electronics and Communication Engineering of SIT was established since the very inception of the college. During its journey of about sixteen years, the department has developed itself and at present runs about 15 laboratories of standard for undergraduate and R&D activities. The department regularly organizes seminar, workshops and invited talks to enrich the academic ambience of the Institute. The students often get their final year project published as research papers in reputed conference and journals. The faculty of ECE department consists of well qualified and experienced teachers with noteworthy research background. The department offers B.Tech program in Electronics and Communication Engineering.

Vision: To become a nationally recognized center of excellence that produces skilled, innovative and ethical engineers relevant for academics and industry.

Mission: 1. To offer qualitative Electronics & Communication engineering education and professional ethics of global standards through innovative methods of teaching and learning with practical orientation so as to prepare students for successful career / higher study.

2. Foster culture of innovation and research in the field of Electronics & Communication engineering.

3. To provide best learning environment to the students, faculty and staff members conducive for creating excellence in technical education.

NOTABLE SPEAKERS

- **Prof. Jawad Y. Siddiqui**, Associate Professor, University of Calcutta
- **Dr. Satyajit Chakrabarty**, SAMEER, Kolkata and Chairman IEEE AP/MTT Kolkata
- **Prof. Susanta Parui**, Associate Professor, IEST, Shibpur
- **Prof. Sujoy Biswas**, Associate Professor, NITMAS and Vice-chair IEEE AP/MTT Kolkata
- **Prof. Koushik Dutta**, Asst. Professor, NSEC and Secretary IEEE AP/MTT Kolkata
- **Prof. Rakesh Sinha**, Asst. Professor, JIS College of Engineering, Nadia

Chief Patrons

Mr. G. Roy Choudhury, Chairman, TIG
Mr. S. Roy Choudhury, MD, TIG
Mr. T. K. Ghosh, Executive Director, TIG

Patron

Dr. Jyotirmoy Jhampati, Director, SIT

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Prof. Debatosh Guha, CU
Prof. Jawad Y. Siddiqui, CU
Prof. Susanta K. Parui, IEST
Dr. Satyajit Chakrabarty, SAMEER
Prof. Koushik Dutta, NSEC
Dr. Subindu Kumar, IIT, Dhanbad
Dr. Sudipta Chattopadhyay, Mizoram University

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Professor & HOD, ECE, SIT

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Mr. Manas Saha	Mrs. Anjali Ghosh
Mrs. Sarmistha Mondal	Mr. Anindya Basu
Mr. Sandip Banerjee	Mrs. Priyanka Nandi
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Mr. Sourav Sarkar	Mrs. Arpita Roy Sarkar
Mrs. Anindita Sinha	Mrs. Misti Sarkar
Mr. Debajyoti Misra	Mrs. Jhumki Das
Mr. Manas Kumar Parai	Mr. Soumik Sarkar
Ms. Jayati Routh	Mr. Saikat Guha
Mr. Subhamay Sarker	Mrs. Ruma Mazumder
Mr. R.P. Poddar	Mr. Sanjoy Saha
Mr. Soumen Bidyanta	

CALL FOR PARTICIPATION

Faculty members of engineering/research institutions or Industry persons, students are cordially invited to participate in this program. Preference will be given on first cum first basis as the number of participants are limited.

IMPORTANT DATES

Last date of registration: **20th March, 2017**
Workshop Date: **31st March – 1st April 2017**

ACCOMMODATION & TRAVELING ALLOWANCES

No accommodation & traveling allowance will be provided to the participants. However Hotel Accommodation can be arranged for the participants with charge on prior request.

REGISTRATION

Registration Fees – Nil (Limited Seats to be allotted on first come first serve basis)
The delegates willing to participate in this workshop are requested to send a scanned copy of the duly filled registration form (downloadable from www.sittechno.org) on or before 20th March, 2017 to the conveners email ID. Photocopies of the registration form can be used if necessary.

ABOUT SILIGURI

Situated in the foothills of the Himalayas, Siliguri is the commercial capital of North Bengal & the gateway to the forests of the Dooars, the beautiful Sikkim & North Eastern India. Nature, tradition & history combine in this region to provide the most ideal setting for any meeting of minds. Geographically the location is unique in that by only half an hour's drive one will reach center of dense forest or start climbing the hills. Meandering roads running parallel to the rivers and falls each one of the finest stretch of landscape in the world. SIT is situated right on NH 55 which connects the "Queen of the Hills" Darjeeling to the rest of the country and the Darjeeling Himalayan railway (DHR). Toy train, is an UNESCO world heritage. SIT is 24 Kms from Bagdogra airport, 18 Kms from NJP railway station and 7 Kms from Siliguri Junction bus stand.



REGISTRATION FORM

(Please fill in all details in BLOCK letters)

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Department of ECE
Siliguri Institute of Technology

In association with
IEEE Antennas and Propagation & Microwave
Theory and Techniques
Chapter • IEEE Calcutta Section

Name of the Participant:

Designation:

Name of the Institute:

Address:

Mob:

Fax:

E-mail:

IEEE Member ID:

(If any)

Signature of the Participant:

.....
Date:

Signature and Seal of the Head of the Institution:

.....
Completed Applications may be sent by Post/ Courier/Fax/
E-mail to the following at the Institute's address:

Ms. Dia Ghosh
Email: eceactivity@gmail.com
Mob: 9531559030

[In case the application is sent by E-mail, the participant should provide full address, E-mail and contact number of the corresponding Head of the Institution. Make extra copy if required]