

## About NIT Silchar

National Institute of Technology Silchar (NITS) is one of the 31 NITs of India and was established in 1967 as Regional Engineering College (REC) Silchar Assam. In 2002, it was upgraded to the status of NIT and was declared as Institute of National Importance under National Institute of Technology Act, 2007. It is located ten kilometres away from the city of Silchar in the state of Assam. NIT Silchar offers six UG and ten PG courses in various departments. The Department of ECE offers B. Tech., M. Tech. and PhD degrees. The institute is well known for its notable work in the technical field. The institute is having well equipped laboratories with state-of-art scientific tools. It helps the research scholars work 24 hours to achieve new heights in technical field.

## About ECE Department

The Department of Electronics and Communication Engineering is established in 1983 with initial intake of 20 students in UG program. The department has been striving to provide quality technical education since its inception. The Department lays special emphasis on research and development activities both on the part of the faculty members as well as the students. At present, the department is offering B. Tech. in Electronics and Communication Engineering and M. Tech. with specialization in Microelectronics and VLSI Design and Communication and Signal Processing, respectively. The department is also offering Ph.D. programmes in various areas like VLSI, MEMS, Signal Processing, Antenna Design, Microwave Engineering, Communication Engineering, etc.

## Patron

Prof. Sivaji Bandyopadhyay, Director, NIT Silchar

## Protagonist

Prof. S Baishya, Dean Academics, NIT Silchar

## Chairperson

Prof. F. A. Talukdar, HOD (ECE), NIT Silchar

## Coordinator

Dr. Taimoor Khan, ECE Dept. NIT Silchar

## Organizing Committee

Dr. P. K. Paul, Mrs. M. Paul, Dr. M. Choudhury, Dr. K. L. Baishnab, Dr. B. Bhowmick, Dr. W. Arif, Dr. K. Guha, Dr. T. R. Lenka, Dr. A. Hossain, Sh. G P Kesri, Dr. R.K. Karsh, Dr. A Nandi, Dr. B. Basu, Dr. S. K. Tripathi, Dr. U. Chakraborty, Dr. Chandrajit Choudhary Dr. R. Khosla, Dr. P. Pattanayak, Dr. M. Kavicharan, Dr. R. Murugan, Dr P. Puspa Devi, Dr. M. V. Swati, Dr. G. S. Baghel, and Dr. Tripti Goel

## How to reach NIT Silchar

The city is well connected by Road, Train and Air. There are direct flights from Guwahati, Kolkata and Delhi and trains from New Delhi, Kolkata, Guwahati, and Agartala. Daily bus services are available from Agartala, Guwahati, Aizawl, and Imphal. The Institute is located around 35kms from the Silchar airport, 11kms from the Silchar railway station, 14kms from ISBT Silchar, and 10 kms from the heart of the Silchar town. Pre-paid taxi and auto services are available from Silchar.

**For any further query, please contact:**

**Dr. Taimoor Khan (Course Coordinator)**

**Assistant Professor**

**Department of ECE, NIT Silchar, Assam**

**Email: [ktaimoor@gmail.com](mailto:ktaimoor@gmail.com)**

**Phone: +91-8135048134/9411823416.**

TEQIP III Sponsored

*One Week*

*“Summer School on Antenna and Microwave Engineering (SUSAME-2018)”*

*(23<sup>rd</sup> to 27<sup>th</sup> July-2018)*



**Organized By**

**Department of Electronics and Communication Engineering**

**National Institute of Technology Silchar**

**Assam-788010, India**

*(An Institute of National Importance, MHRD, Govt. of India)*

**Course Coordinator**

**Dr. Taimoor Khan**

**Assistant Professor**

**Department of ECE, NIT Silchar, Assam**

## About SUSAME 2018

Summer School on Antenna and Microwave Engineering (SUSAME-2018) is a week-long course on Antenna and Microwave Engineering. The aim of this week-long course is to provide a platform to get exposure in the field of antenna and microwave engineering. Students, research scholars, faculties and industry professionals can attend this course to familiarize themselves towards the recent development and design challenges pertaining to the related research field. The essence of the academic interaction would not be quite the same as a conventional workshop or conference since it is planned to be a week-long residential school.

### Key Note Speakers

- Prof. Ajay Chakraborty - IIT Kharagpur
- Prof. Sudhabindu Ray- Jadavpur University
- Prof. Ratnajit Bhattacharjee-IIT Guwahati
- Prof. Jawad Y. Siddiqui-Calcutta University
- Prof. Bhaskar Gupta-Jadavpur University

### Course Highlights

- EMI/EMC.
- Planar Component/Structure Simulation Techniques.
- Microwave Power Dividers: Some Recent Trends
- Multi-band Impedance Transformers
- Design of Microwave Amplifiers
- RF MEMS.
- Antennas for Circular Polarization.
- Ultra-wideband Multi-functional Antennas.
- Effect of Microwave Radiation from Communication Devices on Human Body.
- Effects of Electromagnetic Radiation on Plant Life.

## Registration Form

1. Name.....
2. Designation.....
3. Organization.....
4. Address.....
5. Phone/Mobile.....
6. Email.....
7. Qualification.....
8. Registration Fee (Amount Paid) .....
9. Transaction ID and Date.....
10. Accommodation Required (Yes/No).....

### Declaration by applicant:

The information furnished in the application is true to best of my knowledge.

Date:

Signature:

Recommendation from HOD (for students only)

Forwarded by HOD

## Important Dates

**Last Date of accepting applications:**

**20<sup>th</sup> July-2018**

**Date of Workshop: 23<sup>rd</sup> to 27<sup>th</sup> July-2018**

## Eligibility

UG and PG students, Research scholars, industry personnel, faculty members of recognized technical institutions interested in the field of Antenna and Microwave Engineering can register for this course.

## Registration Details

Interested candidates are advised to fill the registration form and email scanned copy of the followings to course coordinator, at

*[ktaimoor@gmail.com](mailto:ktaimoor@gmail.com)*

- (i) Filled registration form
- (ii) Identity card
- (iii) Payment proof

Participants will receive an acknowledgement on acceptance of their application over mail.

### Registration Fee:

- Internal Students: Rs. 500/-
- External Students: Rs. 1000/-
- Internal Faculty members: Rs. 1000/-
- External Faculty members: Rs. 3000/-
- Industry Persons: Rs. 5000/-

All participants have to pay the registration fees before submitting application through Online transfer to the account of the

**Director, NIT Silchar**

**Account No.: 10521277057**

**IFSC: SBIN0007061**

**Branch: State Bank of India, NIT Silchar.**

Brochure and registration form can also be downloaded from: <http://www.nits.ac.in/>

## Accommodation

Accommodation shall be provided to the outstation participants in single or shared basis in the Institute Guest house at very nominal rates on payment basis. No TA and DA will be paid to the participants.