

About NIT Silchar

National Institute of Technology Silchar 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 kilometers 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. 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 also offers Ph.D. programs in various areas like Communication Engineering, VLSI, MEMS, Signal Processing, Antenna Design, Microwave Engineering, etc.

Chief Patron

Prof. Sivaji Bandyopadhyay
Director, NIT Silchar

Patron

Prof. S. Baishya
Dean Academics, NIT Silchar

Chairperson

Prof. Fazal A. Talukdar
HoD, ECE, NIT Silchar

Convener

Dr. Wasim Arif, ECE, NIT Silchar

Coordinator

Dr. Prabina Pattanayak, ECE, NIT Silchar

Co-Coordinator:

Prof. Kandarpa Kumar Sarma, ECE, GUIST

About ReTWiC 2018

This short term course on “Recent Trends in Communication Engineering” (ReTWiC 2018) will be a week-long course on the recent developments in the communications arena. The aim of this week-long course is to provide a platform to get exposure in the field of wireless communication 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.

For any further query, please contact:

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TEQIP III Sponsored

One Week Short Term Course on

Recent Trends in Wireless Communications: Challenges and Opportunities

(ReTWiC - 2018)

(3rd to 7th December-2018)

Organized by

**Department of Electronics and
Communication Engineering
NIT Silchar**

Jointly with

**Department of Electronics and
Communication Engineering
Guwahati University Institute of Science
and Technology, Guwahati**



Key Note Speakers

- Prof. Saswat Chakrabarti - IIT Kharagpur
- Prof. Nabanita Das – ISI Kolkata
- Prof. Sant Sharan Pathak – IIT Kharagpur
- Prof. Subrat Kar – IIT Delhi
- Prof. Santi Prasad Maity - IEST Shibpur
- Prof. Iti Saha Misra – Jadavpur University
- Prof. Debarati Sen – GSSST, IIT Kharagpur
- Mr. Tabrez Khan, Mathwroks India
- Mr. Rajat Acharya, ISRO

Course Highlights

- Foundation of Wireless Communication
- 5G Communication and Technology
- MIMO and massive MIMO, mmWave Communications
- Internet of Things (IoT), Security
- Software Defined Network (SDN) and Cognitive Radio
- Soft Computing Techniques for communications
- Hands-on Session on 5G

Registration Fees

- 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 :

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/>

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/Supervisor/Self

Important Dates

- **Last Date of accepting applications:**
25th November, 2018
- **Date of Workshop:**
3rd to 7th December, 2018

Eligibility

UG and PG students, Research scholars, industry personnel, faculty members of recognized technical institutions interested in the field of Communication 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

prabina.pattanayak.nits@gmail.com

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

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

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.