

About the Institute:

National Institute of Technology (NIT) Silchar, an institute of national importance under the NIT Act, was established in 1967 as Regional Engineering College (REC) Silchar in Assam. In the year 2002, it was upgraded to the status of NIT from REC. NIT Silchar is situated on the banks of river Barak and a sprawling campus spread over 600 acres of land on Silchar outskirts. The landscape of NIT Silchar is beautiful with natural lakes and hillocks, surrounded by tea gardens. The climate of Silchar during July is delightful, with an average temperature around 20-25°C. NIT Silchar is a fully residential institution with nine hostels for boys and three hostels for girls. NIT Silchar is a teaching and research institute which steps in the various national and international ranking frameworks.

About ECE Department:

The Department offers B.Tech. in Electronics and Communication Engineering and M.Tech. in two specializations (i) Micro-Electronics and VLSI Design & (ii) Communication and Signal Processing Engineering. This department also offers a Ph.D. in Electronics and Communication Engineering. The state-of-the-art laboratory facilities exist in the department to facilitate the UG, PG, and Ph.D. scholars to research the frontier research areas of Electronics and Communication Engineering. The faculty members are specialized in diverse fields, and there is a commendable research ambiance in the department. Department of Electronics and Communication Engineering takes up R & D projects sponsored by various funding agencies such as DST, SERB, BARC, MeitY CSIR, and many more.

Chief Patron

Prof. Sivaji Bandyopadhyay,
Director, NIT Silchar

Protagonist

Prof. A.K. Barbhuiya, Dean Academics, NIT Silchar

Chairperson

Dr.R.H.Laskar, HOD-ECE, NIT Silchar

Resource Persons

Dr. Sree T. Sucharitha, Tagore Medical College

Dr. Tanveer Ahmed, S M Dev Civil Hospital

Dr. Kinnor Das, S M Dev Civil Hospital

Prof. Sumantra Dutta Roy, IITD

Prof. Monika Aggarwal, IID

Dr. Tapan K Gandhi, IITD

Dr.L.N. Sharma, IITG

Dr.M.Tanveer, IITI

Dr. Deepti R Bathula, IITRPR

Dr.Hariharan Muthusamy, NITU

Dr. Varun P Gopi, NITT

Dr. Saravanan Chandran, NITD

Dr.Avatharam Ganivada, UHYD

Dr. Praful P Poy, Mathworks

Dr. Naveen Sharma, CSIO-CSIR

Dr. Mohammad Azharuddin Laskar, Armsoftech

Dr. V. Duraisamy, TNSEU

Dr.R.H.Laskar, NIT Silchar

Dr.Shankar K, NIT Silchar

Dr. Suganya Devi K, NIT Silchar

Dr.Rippon Patgiri, NIT Silchar

Dr.Ram Kumar Karsh, NIT Silchar

Dr.Saurab Verma, NIT Silchar

High-End workshop (Karyashala)

On

“ Role of Artificial Intelligence in Bio-
Medical and Health Informatics
(RAIBHI-2022)”

05 – 11 April 2022



Coordinators

Dr. R.Murugan, Department of ECE

Dr. Tripti Goel, Department of ECE

Organized by

**Department of Electronics &
Communication Engineering**

National Institute of Technology Silchar

Silchar, Cachar, Assam, India-788010

www.nits.ac.in

Sponsored by



About Karyashala Scheme:

KARYASHALA is an effort by the Science and Engineering Research Board (SERB), Government of India via Accelerate Vigyan to improve research productivity of promising PG and Ph.D students from universities and colleges through high-end workshops on specific themes. This program aims to provide opportunities to acquire specialized research skills.

About the Workshop:

The prime objective of this online FDP is to bring the researchers from different parts of our country to a common gathering for exchanging and sharing knowledge about the recent developments in AI. The theme of this training program is to provide an exposure to both basics and recent advances in Computer Vision and Pattern Recognition using Machine Learning to research scholars and master students. This workshop is mainly divided into three parts, first: basics to machine learning, pattern recognition, bio-medical image processing, application of machine learning in computer vision, and deep learning, second: tools for implementation such as MATLAB, Python, raspberry, Arduino, and third: hands-on practice of Deep Learning Architectures for various image and computer vision applications.

Target audience:

The course is open to research scholars, postgraduate students, from universities, educational institutions, and research organizations.

Registration and selection process:

Registration fee is not charged. The course is completely sponsored by SERB Accelerate Vigyan Karyashala (High-End Workshop) program.

Online Registration link:

<https://forms.gle/DzNaSwycmzFxPjej8>

Number of seats:

Maximum number of participants is limited to 25. More details about this can be found in Accelerate Vigyan website.

Course Materials:

Lecture slides and other reference materials will be shared with the registered candidates through e-mail.

Certification:

E-certificates will be provided to the participants who have attended the program without any absenteeism.

Contact details:

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High-End workshop (Karyashala)

On

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REGISTRATION FORM

1. Name:
2. Designation:
3. Institute:
4. Qualification (M.Tech/Ph.D):
5. Brach:
6. Specialization:
7. Correspondence Address:
-
8. Mob.
9. E-Mail:
8. Any other Information:
- Date:
- Place:

Signature of the applicant

Recommended by HOD/Supervisor (for students only)

(Sign & Seal)