

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 2002, it was upgraded from an REC to an NIT. Nit Silchar is situated on the banks of the river Barak, with a sprawling campus spanning 600 acres on the outskirts of Silchar. The landscape of NIT Silchar is beautiful, with natural lakes and hillocks, and is surrounded by tea gardens. The climate of Silchar during July is very pleasant with a normal temperature of 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 that reflects in the top NIRF rankings.

About the Department:

The Department offers B. Tech in Electronics and Communication Engineering and M. Tech in two specializations (i) Microelectronics and VLSI Design & (ii) Communication and Signal processing engineering. This department also offers a PhD in Electronics and Communication Engineering. State-of-the-art laboratory facilities in the department train UG, PG, and PhD scholars to conduct research in frontier areas of Electronics and Communication Engineering. The faculty members are specialized in diverse fields, and there is a commendable research ambience in the department. The Department of Mechanical Engineering, established in 1967, is one of the oldest and leading departments in the region, known for excellence in teaching and research. It offers B.Tech., M.Tech., and Ph.D. programs with NBA-accredited UG and PG courses. The Department of Chemistry was established in 1977-1978 and provides chemistry education for B.Tech. students. It also offers M.Sc. (Applied Chemistry) and Ph.D. programs focused on advanced research and learning.

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Dr. M. Kavicharan, Asst. Professor, ECE, NIT Silchar

Dr. P. Mandal, Asst. Professor, ME, NIT Silchar

Dr. S. G. Patra, Asst. Professor, Chemistry, NIT Silchar

Organizing Committee

All Faculty Members of

Department of Electronics and Communication
Engineering

Department of Mechanical Engineering

Department of Chemistry



Five days' Workshop

on

"Entrepreneurship, Innovation and Prototype Development"

during 16th – 20th May, 2026



Organized by

Institute Innovation Council (IIC 8.0)

in association with

Department of Electronics and Communication
Engineering, Department of Mechanical Engineering &
Department of Chemistry

National Institute of Technology Silchar, Assam-
788010



About the Workshop:

Entrepreneurship is the process of designing, launching, and running a new business venture to generate profit while navigating risks. It involves identifying market opportunities, innovating with new products or services, and organizing resources. Entrepreneurs act as catalysts for economic growth and innovation. Innovation is the process of creating, adopting, or implementing new ideas, products, services, or methods that deliver value and solve problems. It goes beyond mere creativity—which is generating ideas—by transforming those concepts into practical solutions that improve efficiency, foster growth, and drive competitiveness in economic and social spheres. Prototyping offers designers the opportunity to test the practicability of the current design and potentially investigate how a sample of users thinks and feels about the product. After completing the workshop, participants will achieve following skillsets:

- Identifying market opportunities.
- Innovating with new products or services, and organizing resources.
- Navigate uncertainty, collaborate effectively, and apply emerging tools with confidence.
- Finding product-market fit.
- How to refine product designs.

Important dates

Last date of receipt of application: 15-May-2026.

Notification about selection: By email.

Eligibility:

This program is open to industry professionals, faculty members, research scholars and UG, PG students of technical institutions, engineering colleges, universities, and other recognized institutions.

Targeted Participants:

UG, PG students, Research Scholars, Academicians, and Industry Professionals.

Contact details

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Resource Persons

1. Dr. Chandan Tiwari, Research Scientist II, Eastman Kodak Company, Saint Paul Minnesota
2. Mr. Navin Gupta, CEO & Co-Founder, Arosia Water
3. Mr. Amit Modi, Founder at WitBlox
4. Mr. AVV Satyanarayan, Scientist E, NSTL, DRDO
5. Mr. Aman Jain, ITC Limited
6. Mr. Ujjal Halder, Manager-HPCL R&D Center
7. Mr. Sohom Banerjee, Program Manager, CRTDH and THRIVE Centre, IIT Kharagpur
8. Dr. Fazal A. Talukdar, Professor, NIT Silchar
9. Dr. Wasim Arif, Associate Professor, NIT Silchar
10. Dr. Saurabh Verma, Assistant Professor, NIT Silchar

Registration and selection process:

Registration fee: Nil

Online Registration link:

<https://forms.gle/NzRyCrhVx9gHDqB18>



Course Materials:

Lecture slides and other reference materials will be shared with the registered candidates through email.

Certification:

An e-certificate will be provided to those participants who have attended the program without any absenteeism.