

Objectives of the Course

- Develop Proficiency in CAD Software.
- Provide participants with a comprehensive understanding of CNC programming and machining techniques.
- Focus on bridging the gap between theoretical knowledge and practical application. Participants will engage in hands-on exercises, projects, and case studies, allowing them to apply CAD and CNC concepts to real-world scenarios .
- The participant will acquire the skills necessary to apply for jobs in the designing and manufacturing industry .
- To provide an opportunity for the participants to interact with the field experts.

Brief Contents of the Course

- Design process, Role of modelling & communication, modelling using CAD.
- The details of techniques for geometric modelling.
- Hands on training on CAD software
- NC & CNC manufacturing technology
- Manual Part Programming, Computer Aided Part Programming for CNC
- Hands on training on CNC

Patron

Prof. Pinakeswar Mahanta
Director, NIT Meghalaya

Chairman

Dr. Kishore Debnath,
Associate Professor & HoD,
Department of Mechanical Engineering

Co-ordinators

Dr. Md Nur Alom, Assistant Professor, ME
Dr. Sambit Majumder, Assistant Professor, ME
Dr. Bunil K. Balabantaray, Assistant Professor, CSE
Shri Santanu Borgohain, Director (I/C), NIELIT,
Shillong

Conveners

Dr. Subhendu Maity, Assistant Professor, ME
Dr. Maneswar Rahang, Assistant Professor, ME
Dr. Rubi Chakraborty, Assistant Professor, CE

One Week Short Term Course
On
Automated Computer Aided
Design (CAD)
and Computer Numerical
Control (CNC)

In association with
NIELIT Shillong
Govt. of India
June 03-07, 2024



Venue

Department of Mechanical Engineering
National Institute of Technology
Meghalaya
Bijni Complex, Laitumkhrach,
Shillong-793003, Meghalaya



Who can attend ?

Motivated UG, PG and research
scholars with need for skill
enhancement & skill up-gradation



About NIT Meghalaya

The National Institute of Technology (NIT) Meghalaya is one among the thirty NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Human Resource Development, Government of India. The institute has been ranked 72nd in NIRF-2022

Contact Details

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About NIELIT

NIELIT Shillong (Formerly DOEACC Society, Shillong Centre) is the 12th centre of NIELIT in the country and 6th in the North East and became operational with courses/programs being offered since January'2010. NIELIT Shillong has been sponsored by the Ministry of Electronics & Information Technology (MeitY), Govt. of India (GOI). Currently, this facility is equipped with the state-of-the-art training equipment/facility like computer labs, classrooms, library & others. Qualified & trained faculty members have been inducted for the courses. The Centre has redundant NKN 100 Mbps Fibre Optic & 2.0 Mbps Broadband Internet Connectivity. Students are provided Labs with a 1:1 computer ratio. The vision of the institute is to be the leader in the development of industry oriented quality education and training and be the country's premier Institution for examination and certification in the field of Information, Electronics and Communications Technology (IECT).

How to Apply

Click [here](#) for registration

Or scan the QR code for details



LAST DATE FOR REGISTRATION

MAY 30, 2024

LIMITED SEATS AVAILABLE

Registration will be considered on first-cum-first-serve basis

Certificates will be provided to successful participants

No registration fee