Neotia Institute of Technology Management and Science (NITMAS)

Formerly known as Institute of Technology and Marine Engineering (ITME)

Estd. 2002

Department of Electronics and Communication Engineering

www.nitmas.edu.in
The Department of Electronics and Communication Engineering (ECE) was established in 2002 to impart quality education to the satisfaction of all stakeholders. The mission of the department is to create competent and trained professionals in the field of Electronics and Communication Engineering who shall make positive contribution towards the advancement of engineering, science and technology. The department provides all possible support to promote research & development.

Course Offered: B. Tech. in Electronics and Communication Engineering

Duration: Eight semesters (~ 4 years)

Intake capacity: 60 students

Affiliation: MAKAUT (WBUT), West Bengal awards the degree, course is approved by AICTE.

Minimum Qualification: Candidates must pass Higher Secondary (10+2) or its equivalent examination with a minimum of 45% marks in Physics, Mathematics and Chemistry. Merit in WBJEE, AIEEE is a basic requirement.
Objectives of the Department:
1. To prepare students for successful career in Telecom and Electronics hardware manufacturing industry.
2. To develop students with professional and ethical attitude, effective communication skills and the attitude of working in group with people for successful careers.
3. To motivate students towards higher studies for research, development of technology depending on their inclination & aptitude.

Faculty:
Faculty members of ECE Department are well qualified from reputed universities/institutes such as IIT, IIEST, Jadavpur University, and Calcutta University. There are Faculty members with rich experience in R&D organizations and industry offering a combination of diverse talent for grooming students. Apart from curriculum delivery, the ECE faculty also provides in house training to students in VLSI Design, Embedded System, System-on-Chip design, Reconfigurable Computing to develop student’s skill set and make them industry ready.

Laboratory Infrastructure and Research Activities:
The laboratories of department of ECE are well equipped with state- of- the- art CAD tools and hardware equipments for the undergraduate program and research & development. The research projects carried out in these labs are focused in the fields of VLSI design, Reconfigurable computing, Embedded Systems, Signal Processing and Microwave and Antenna engineering. The research carried out by our students and faculty has been published in several international journals from publishers such as IEEE, Elsevier, ACM, John Wiley.

Scholarships & Education Loans:
NITMAS offers means cum merit based scholarships to about 5 to 10% of the selected students from economically weaker families. A special concession of 10% on tuition fees for all direct siblings of NITMAS and ITME students is offered. The institute also offers 25% tuition fee waiver for the children of employees of NITMAS. Assistance in obtaining education loans is also provided by NITMAS.

Campus Facility:
NITMAS’s 50 acre campus is a serene haven with all essential services including hostel accommodation for both boys and girls inside the campus. Hostel stay is not mandatory. NITMAS campus is fully WiFi. This facility allows students to access uninterrupted Internet connectivity anywhere within the campus. The Institute Central Library houses a collection of nearly 41,733 national and international books with 2700 e-journals.

Careers:
NITMAS has a strong training and placement cell headed and manned by senior experienced Professionals. The students of the department are well placed in various reputed companies in the fields of Telecom, VLSI, IT services and Some of our B. Tech. students are pursuing higher studies at national level universities and abroad, such as at IIT, NIT, IIEST, University of Göttingen, and US universities. Every year almost 90-100 % eligible students of NITMAS get multiple employment offers.