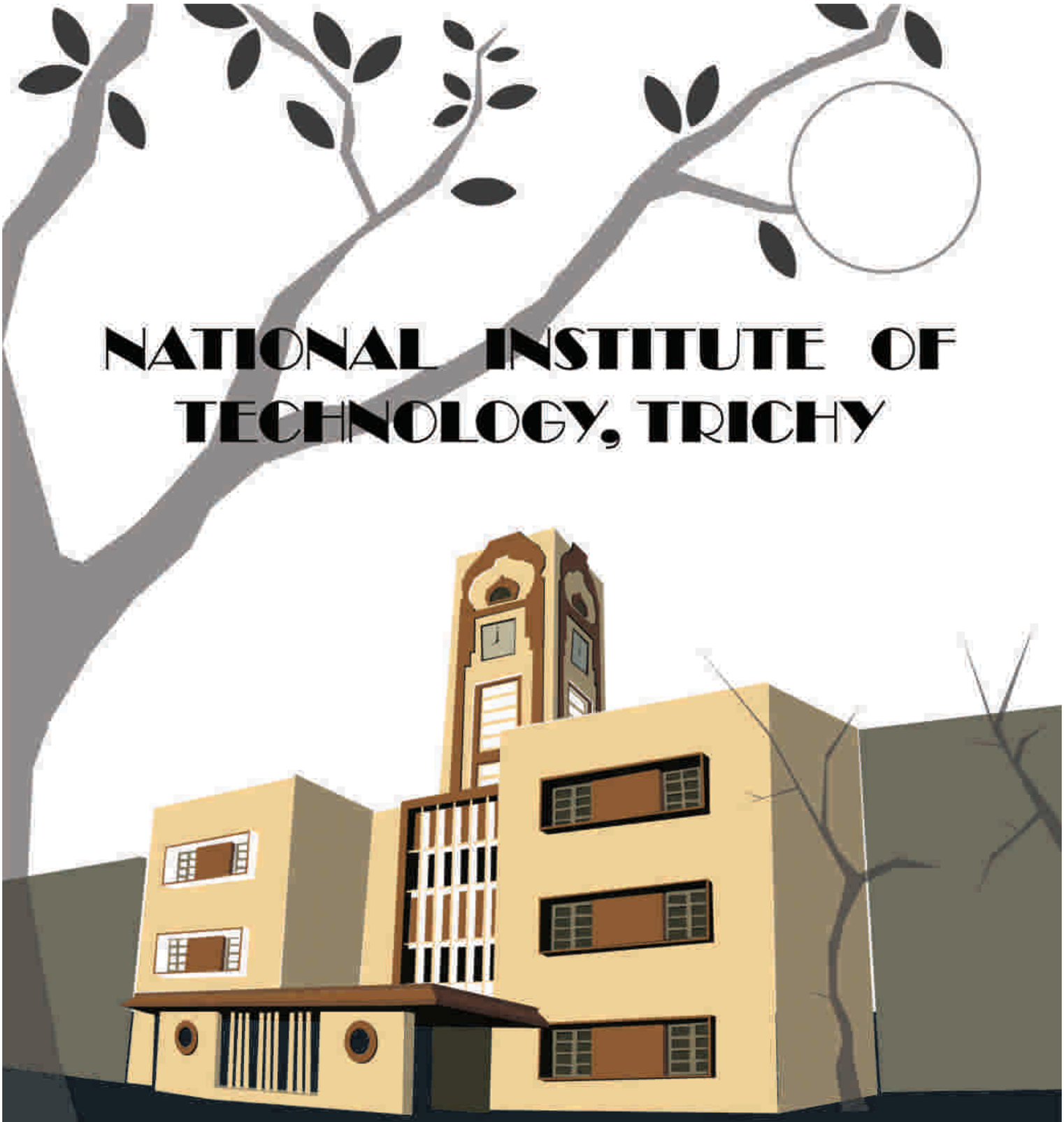
NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY



UNDER GRADUATE PLACEMENT INVITATION 2009

INTRODUCTION

Tiruchirappalli, a historical, cultural and educational city, situated on the banks of the river Cauvery, is at the geographical centre of Tamil Nadu. Regional Engineering College, Tiruchirappalli (RECT) was started in the academic year 1964-65 and has been imparting excellent technical education ever since. It has been granted the status of Deemed University and upgraded to National Institute of Technology (NIT) in the year 2003.

With the cream of the engineering talent encompassing both students and faculty coupled with state-of-the-art infrastructure facilities, it is of little wonder that NITT today stands as one of the stalwarts of engineering education in the country. Our illustrious alumni, working at the forefront of technology the world over, stand proof to the excellence of our institution.

An ever-evolving curriculum, nurtured through vital industry-institute interaction, keeps us up-to-date with the latest technology. Consequently the institute develops technologists of value, both practical and theoretical.

NITT teaches not just the science and technology of engineering, but also instills in each one of its students the virtues and skills needed to make a difference in tomorrow's world.

The Campus Placement Committee
National Institute of Technology, Trichy

Contents

Architecture	2
Chemical Engineering	3
Civil Engineering	4
Computer Science & Engineering	5
Electrical & Electronics Engineering	6
Electronics & Communication Engineering	7
Instrumentation & Control Engineering	8
Mechanical Engineering	9
Metallurgical & Materials Engineering	10
Production Engineering	11
Octagon & IT Centre	12
Library	13
The Other Side	14
Training & Placement	15
Placement Statistics	16
Our Esteemed Recruiters	17
Getting Here	18
Places to Visit	19
Why Recruit at NITT	20

Department of Architecture

The Department of Architecture in National Institute of Technology, Trichy had a humble origin 28 years back in the year 1980. But the growth of the department has been phenomenal. Today we have faculty members who have specialised in all important branches of architecture and a group of able students drawn from all over the country. Together we have evolved a work culture that has brought us success in academics, professional practice and extra-curricular activities. Our department is a participant of the institutes's interdisciplinary project on the "energy-theme"; a collaborative venture with the Government of United Kingdom. Some faculty members were sent to the UK with relation to this project. The architectural wing of the main library houses more than three thousand books on architecture and related fields. There is also a fairly large collection in the department library. The department library also includes information on modern building materials. A building science laboratory has been developed in the department. It is an archive of catalogues, samples of various building materials and is constantly upgraded.

Curriculum

Core Subjects

- Architectural Design
- Computer Application in Architecture
- Building Construction & Materials
- Climatology
- Landscape Architecture
- AutoCAD
- Advanced Graphics
- Visual Arts

Advanced Subjects & Electives

- Building Services
- Mechanical & Electrical Services
- Air Conditioning (HVAC Systems)
- Professional Practice
- Town Planning
- Building Economics
- Project Management & Evaluation
- Energy Efficiency in Building

Computer Courses

- Programming in C
- AUTODESK
- Adobe
- 3D Studio Max
- Flash
- BREEZE
- I.E.S
- Software for Sunshade Design

Projects

- Documentation and analysis of settlement in Nagercoil.
- Documentation and analysis of Palace of Ramanathapuram.
- Analysis of Goubert Avenue, Pondicherry.
- Analysis of Isha Yoga Centre, Coimbatore.
- Design of homes for Tsunami affected at Nagapattinam.

Laboratory Facilities

Building Science Lab

Heliodom, Miniature Video Camera with video processor, measuring devices, globe thermometer, anemometer and a wide range of data loggers.

Acoustics Lab : Acoustics Impedance Tube.

Photography Lab : Color & Monochrome Photographs.

Computer Lab

Photoshop, Corel Draw, 3D Max Studio, MAYA, all versions of AutoCAD and other building design software like DAYLIGHT, BREEZE and VIRTUAL ENVIRONMENT.

Survey Lab : Chain, Compass Survey and Levelling.

CHEMICAL ENGINEERING

Established in 1968, the Department of Chemical Engineering, NIT Trichy is regarded as one of the premier centers for chemical engineering in India by industries as well as academia. The National Board of Accreditation (NBA) has granted our department the A(+3) certification for 3 years. It also has the distinction of being ranked as one of the top seven chemical engineering divisions in India by chemical engineering faculties. The department is backed by highly qualified and experienced faculty, most of whom have been involved in various industrial projects and consultancy services. The students, guided by the experienced faculty, have presented many papers in India and abroad and have won several national level design competitions. The programme is supplemented by several state-of-the-art laboratories, which cover all areas of practical interest. Other than traditional laboratories like fluid mechanics, heat and mass transfer, mechanical operations, the students are exposed to specialised ones like reaction engineering, process control and biotechnology.

Curriculum

Core Subjects
- Material Technology
- Mechanical Operations
- Fluid Mechanics
- Chemical Eng. Thermodynamics
- Process Calculation
- Mass Transfer
- Heat Transfer
- Process Dynamics & Control
- Inorganic Chemical Technology

Science Subjects
- Physical Chemistry
- Organic Chemistry

Advanced Subjects & Electives
- Biochemical Engineering
- Process & equipment design
- Petroleum & Petrochemical Engineering
- Environmental Engineering
- Transport Phenomena
- Process Economics
- Applied Mathematics in Chemical Engineering
- Safety Engineering
- Polymer Science &Technology
- Energy Engineering
- Process Modelling

Computer Courses
- C, C++
- AutoCad
- Numerical Methods
- Design 2
- Matlab

Management Subjects
- Human Psychology & Organizational Behaviour
- Industrial Economics & Management
- Corporate Communication




Projects

- The department has been sanctioned Rs.20 lakhs from FIST towards networking.
- MHRD Thrust Area project titled,"CFD modelling of chemical process equipment"
- MHRD - MODROBS project on modernization of chemical reaction engineering laboratory is in progress.

Laboratory Facilities

Unit Operations Lab
Fluid Mechanics
Mechanical Operations
Heat and Mass transfer

Process control and Instrumentation lab
Plant condition simulator
Energy Trainer and Simulator.

Technical Analysis Lab
Gas-Liquid Chromatography
Spectrophotometry.

CEESAT (Center for Energy and Environmental Science and Technology)
An energy center has been established by the Government of India and UK to carry out research in energy saving and optimization.

Civil Engineering

The Department of Civil Engineering has been one of the oldest and finest departments of the college. Established in 1964, it has been involved in the moulding of professional civil engineers ever since. The vision of the department is to shape infrastructure development with societal focus. Its mission is to achieve international recognition by developing professional civil engineers, offering continuing education and interacting with industry with emphasis on R&D. The department of Civil Engineering offers a program in Civil Engineering at B.Tech level. The department has its own labs which are equipped with well maintained, state-of-the-art machinery and instruments. The department has its own computer center which is linked to the NITT-LAN. The highly experienced faculty of the department contribute a vital role in academic research. Many research papers have been presented in reputed international journals and conferences by the faculty.

Curriculum

Structural Engineering
- Analysis of Structures
- Design of Steel & RC Structures
- Matrix Analysis of Structures
- Soil Engineering
- Concrete Technology

Hydraulics Engineering
- Mechanics of Fluids
- Irrigation & Water Power Engineering
- Water Resource Engineering

Electives
- Advanced Foundation Engineering
- Pre-stressed Concrete
- Plate & Shell Structures
- Experimental Stress Analysis

Environmental Engineering
- Water Supply Engineering
- Solid Waste Management
- Air Pollution
- Waste Water Treatment

Transportation Engineering
- Railway Engineering
- Highway Engineering
- Airway Engineering
- Waterway Engineering
- Traffic Engineering
- GIS, GPS & Remote Sensing




Projects

- Polymer - fibre reinforced concrete beam subjected to bending and torsion .
- Development of interactive software for reservoir simulation.
- Development of a remote sensing image integration cell for rural and urban planning.
- Interactive software for Vaigai reservoir operation with inflow prediction using artificial neural networks .
- Ground water harvesting through community wells for sustainable irrigation in tank commands .
- Water management studies in Agniar river basin.
- Development of interactive software for reservoir simulation .

Laboratory Facilities

Structural Engineering Lab : 1000 kN UTM, 2000 kN CTM, PUNDIT, corrosion analysis instrument, Photo-elastic polariscope, covermeter, schmidt hammer.

Transportation Engineering Lab : Geo-gauge, Fatigue Testing Machine, Dynamic Cone Penetrometer and Benkleman Beam Deflectometer. GPS, Pavement Management System, Vehicle Emission Testers, Radar Speedometer & Material Testing.

Software : Mix-roads, Arc GIS, ERDAS Imagine 9.1.

Environmental Engineering Lab : Atomic Adsorption Spectrophotometer, UV visible Spectrophotometer, Ion analyzer, Orbital Shaking Incubator, UV Spectrophotometer

Computer Lab : STAAD III, STAAD PRO, STRAAP, CADS & ANSYS, TRIPS, MIGRAN, Autocad, Auto Civil, Auto plotter, GIS packages including Arc Info, Arc View, Map Info, Inter graph, ENVI.

Survey Laboratory : Micro-optic Theodolite, Laser Theodolite, Auto-level, Digital Planimeter & Electronic Total Station.

Soil Mechanics Lab : Motorised triaxial testing machine, Motorised direct shear equipment , Load cell (50kg-50tonnes), LVDT Triaxial, Uniaxial testing machines and CBR apparatus.

Fluid Mechanics and Hydraulic Machinery

Turbines, pumps and pipe testing equipment.

Computer Science & Engineering

The B.Tech course in Computer Science and Engineering is one of the most coveted courses in NIT Trichy. Almost all the students studying in this department rank among the elite, having trounced the competition from their respective states. The CSE department has a dedicated and highly experienced faculty that spares nothing in imparting top quality education to its students. The course itself , has been carefully designed and is frequently updated to cover all aspects of education in this field, including both hardware and software, while simultaneously catering to the current global demands. The department has at its disposal, various labs equipped with highly capable workstations as well as the Octagon Computer Centre. The department also has an enviable and vast collection of books and other publications related to the world of Computer Science. These are readily available for reference to the students.

Curriculum

Core computer engineering subjects

- Data Structures
- Introduction to Algorithms
- Principles of Programming Languages
- Computer Organization & Architecture
- Automata and Formal Languages
- Digital Computer Fundamentals
- Digital System Design
- Systems Programming
- Operating Systems
- Computer Networks
- Database Management Systems
- Microprocessor Systems
- Software Engineering

Laboratory Practicals

- Operating Systems Lab (DOS, Windows and GNU/LINUX)
- Programming Languages (C, C++,JAVA)
- Implementation of Data Structures & Algorithms using C
- Database Management Systems (Oracle and SQL)
- Systems Programming in C
- Linear and Digital ICs
- Microprocessors and Interfacing
- Compiler Design
- Network programming

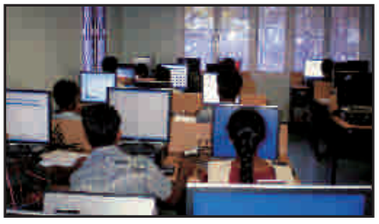
Advanced topics and electives

- Computer Graphics & Display Systems
- Parallel Algorithms
- Compiler Design
- Distributed Computing
- Artificial Intelligence and Expert Systems
- Cryptography
- Real-Time Systems & Network Security
- Artifical Neural Networks & Fuzzy Logic
- ARM System Architecture

Mathematics

- Numerical Computing
- Introduction to Probability Theory
- Principles of Operations Research
- Combinatorics and Graph Theory



Projects

- Collaborative Directed Basic Research in Smart and Secure Environment sponsored by National Technical Research Organization.
- Automatic Test Case Generator for evolving Processor Architectures.
- Page Functions : Developing a Faster Approach to Address Translation.
- Bus architecture for multicore systems.

Laboratory Facilities

CSE Laboratory : The CSE laboratory has around 50 Pentium IV based PC's, an IBM Netfinity Server, an IBM Pentium MMX running LINUX and Windows NT, an IBM RS/6000 Machine and a Sun Cluster Platform.

RISE Laboratory : The Reconfigurable and Intelligent Systems Engineering laboratory is a high end computer laboratory with twelve workstations and two high end systems (of 32 GB RAM each). This lab is used for various research projects in the field of hardware simulation.

Microprocessor Laboratory :
The CSE Department has a state-of-the-art Microprocessor Laboratory equipped with 8085 and 8086 Microprocessor training kits. It is used to conduct practical sessions for Digital IC lab and Microprocessor based interfacing Lab.

Octagon Computer Centre
The centre has over 250 nodes and half a dozen Pentium based servers. Various other platforms such as Solaris based Sun machines, HP, DEC Alpha Ultra Space and Silicon Graphic workstations are also available.

Electrical & Electronics Engineering

The Department of Electrical and Electronics Engineering has been, for long, a pillar of strength in N.I.T Trichy and, on a broader basis, in the engineering community. This was one of the four departments the college started with, in the year 1964. The department boasts of very good laboratory facilities and courses for electrical, electronics and computer applications which are designed to provide ample opportunities for students to build their own circuits and systems and work with them. The qualified and dedicated faculty impart excellent training to students not only in the core courses but also in allied areas such as instrumentation, communication and essential computer subjects. The curriculum for the EEE course is framed by the faculty members with significant contributions from well known industrialists and educationalists. This is frequently improved in order to keep the standard of students on par with the current trend. All possible help and guidance is rendered by the department faculty in the direction of the students' projects and placements. Apart from the main course, students also get a chance to organise and take part in the technical symposium conducted every even semester.

Curriculum

Electrical Technology

- Theory and operation of AC and DC Machines
- Design of Electrical Apparatus
- Power Analysis
- Switchgears and Protection
- HVDC Transmission
- Digital and Analog Control Systems
- Network Analysis and Synthesis
- Electromagnetics

Computer Science

- C, C++ Programming Languages
- Operating Systems
- Data Structures
- Computer Architecture
- Computer Networking & Graphics
- Assembly Language Programming
- Microcontrollers and Interfacing
- Neural Networks and Fuzzy Logic

Electronics

- Design of Digital & Analog Electronic Circuits
- Linear Integrated Circuits
- Electronic Measurements
- Power Electronics
- Principles of Communication
- Systems and Biomedical Instrumentation
- Digital Signal Processing

Projects

The department faculty have done extensive research work in the areas of power systems, power electronics and applications of neural networks and fuzzy logic. A number of controllers for energy efficient drives and renewable energy systems have been designed and developed in the department. Some of the ongoing projects funded by the Ministry of Human Resources and Development & Department of Science and Technology are:

- Application of Genetic Algorithm for High Performance power converters.
- Unified power flow controller.
- FIST.
- Control of a hybrid wind-driven induction generator and PV array distributed generator for the isolated and grid-connected operations.

Laboratory Facilities

Microprocessor & Micro-Controller Laboratory

8085 and 8086 Microprocessor Training kits, 8031 and 196 (16-bits) Micro-Controller Training kits, 32-Channel Logic Analyzer.

Electrical Machines Laboratory : All types of DC Machines, single phase and three phase squirrel cage and slip ring induction motors, single-phase and three phase transformers.

Computer Lab : PSPICE, SABER, MATLAB, SIMULINK and PSCAD.

Power Electronics and Drives Lab : General purpose and storage oscilloscopes, power semiconductor devices like IGBTs, Power MOSFETs, Driver ICs, LCR-Q meter. Thyristor converters, DC chopper modules, power devices such as Thyristors, Power MOSFETs, IGBTs of various voltage and current ratings, Opto-Isolators, Pulse transformers and other related commutating components.

Electronics & Communication Engineering

The Department of Electronics and Communication Engineering was established in 1968. Since then the Department has striven to maintain its high standards by revising academic syllabi to suit the industrial requirements. It also updates the courses regularly to keep up with the growing demand of the research community. The focus of the B.Tech. degree programme is on 'Wireless Communications'. The core programme is supplemented and further reinforced by a well-chosen set of elective courses permitting the students to specialize either in the software or the hardware aspect of Communication Systems. The department has a close interaction with the alumni and is continuously using their inputs for improvement of the curriculum and research facilities. It has a rich library replete with IEEE journals, electronics magazines and course material on VLSI system design, analog and digital communication and digital signal processing. The department has been awarded the prestigious 'A' grade for its undergraduate programme in the year 1997. The students are adequately prepared for undertaking jobs ranging from advanced hardware R&D to systems application.

Curriculum

Wireless Communication
Mobile Communication

Solid State Devices and Circuits
Amplifiers and Oscillators
Analog and digital ICs

Digital Signal Processing
Signals and systems
DSP Architecture (TMS320C5X, 3X, 54X)

Information Theory
Statistical Theory of Communication

Communication Techniques
Communication electronic circuits

Digital Techniques
Microprocessors (8086,8088)
Microcontroller(8051).

VLSI System Design
VHDL, Verilog

Communication Switching Systems Electromagnetics
Transmission Lines and Waveguides
Microwave components and devices




Projects

- Design and implementation of multiband OFDM UWB transceiver using asynchronous pipelining funded by Department Of Information Technology (DIT), New Delhi.
- Optimization techniques for System on Chip (SoC) implementation of target recognition system funded by Department of Science & Technology (DST), New Delhi.
- Software defined radio funded by Department of Science & Technology (DST), New Delhi.
- Special Manpower Development Project (SMDP) on VLSI design and related software , funded by Ministry of Information and Telecommunication, Govt. of India, New Delhi.
- Analysis and design of RF MEMS component (reconfigurable antenna), sponsored by MHRD, Govt. of India.
- Design of FPGA based poly-phase coded waveform generator funded by LRDE, Ministry of Defence, Bangalore.

Laboratory Facilities

Microwave Laboratory : State-of-the- art Microwave Laboratory with vector network analyzer, spectrum analyzer, MIC kit, microwave test benches and MIC Design Software.

Image processing workstations :

Fibre Optics Laboratory

DSP and Micro-controller Laboratory

Sponsored by Motorola with Onyx Processors (56300,303,309) with full set of tools , HAWK Processors (56000,003,009) with full set of tools 68HC11 Power PCs with complete tools, and state-of- the- art software such as MATLAB, MEPEE light DADISP, VIRTUOSOT MRTOS V4.0.

Solid State Circuits and Devices Laboratory

Microprocessor Laboratory : Microprocessing and Interfacing Laboratory with 8085 and 8086

Microprocessor training kits, 8051 Micro-controller training kit and 32-channel Logic Analyzer .

Digital Signal Processing Lab : Digital Signal Processing lab with Texas Instruments kits and associated software.

VLSI Design Laboratory : State-of-the-art software such as ORCAD, FOUNDATION Series ,Synopsis, Leonardo synthesizer, Model Tech corporation's MODELSIM and SABER, Hardware for programming the XILINX FPGAs and CPLDs, Ultra 10,333 MHz Workstations, Pentium systems and tools for schematic entry .

Instrumentation & Control Engineering

The department of Instrumentation and Control Engineering was established in the year 1993 to meet the growing demand for qualified technical manpower in the areas of electronic instrumentation and industrial control. The department has state-of-the-art laboratories in the areas of MEMS, smart structures, control of electromechanical systems and process control. Supervised by young and dynamic faculty, the department functions with the vision of being a world-class school of instrumentation and control. The department is involved in providing quality technical education to the students to enable them to excel in the corporate world as well as in research and development. Industry-institute interaction for the students is carried out on a regular basis. The curriculum is also being updated regularly with inputs from industries and reputed educational institutes to cater to the constant change in industrial needs. Students are made aware of the recent developments in research by visits of professors from renowned foreign institutes and industry personnel.

Curriculum

Instrumentation
- Sensors and Transducers
- Industrial Instrumentation
- Biomedical Instrumentation
- Electrical & Electronics Measurements
- Analytical Instrumentation
- Opto-electronic & Laser based Instrumentation

Control
- Classical Control Systems
- Modern Control Theory
- Distributed Control Systems
- Chemical Process Control
- Analysis of Feedback Controllers

Electrical & Electronics
- Analog Electronic Circuits
- Digital Techniques
- Microelectronic Devices
- Microprocessors and Microcontrollers
- Network Theory
- Linear Integrated Circuits
- Data Communication systems
- Signals and Systems

Software
- C and C++ programming
- Data Structures and Algorithms
- Programming tools and techniques
- Operating Systems
- Personal Computer and Interfacing
- Computer Networks

Electives
- Micro Electro-Mechanical Systems
- Neural network and Fuzzy Logic
- Virtual Instrumentation
- Automotive Control Systems
- Power Electronics
- Power plant instrumentation




Projects

- DST, Government of India, has sanctioned Rs. 90 Lacs to provide a center of excellence in the area of MEMS and Mechatronics in the year 2007 for 3 years.
- Control of Multivariable process using soft computing, funded by DST
- Towards Reliable and Smart Air-Vehicles, funded by UKIERI
- Uncertainty analysis of chain error in instrumentation system, funded by ISRO
- Simulation and design of microresonating beam differential pressure sensor, funded by ISRO
- Design and development of Micro Devices, funded by National Programme on Smart Materials

Laboratory Facilities

Microcontroller and Embedded Systems Lab : Programming of interfacing cards for stepper motor, USART, PLC. Design of microcontroller & embedded systems with 8085, 8086, 8097 & 8051 kits. Data acquisition cards compatible to embedded systems.

Biomedical Instrumentation lab : Physiological parameter analysis using Respiratory analyzer, ECG monitoring equipment, blood pressure monitoring system and Blood Glucometer.

Process control Lab : Trainer kits for temperature, pressure, flow and level control, heat exchanger set-up, PLC with computer interface,DCS simulator.

Virtual Instrumentation and MEMS Design Center
Creation of virtual instruments & analysis and design of MEMS devices using software tools.

Control Systems lab : Modeling, simulation and controller design and analysis of electrical and electro-mechancal systems.

Electronics and Instrumentation Lab : Design & testing of analog & digital electronic circuits & simulation in PSPICE, instrumentation systems for measuring process variables and testing.

Sensors and Transducers Lab : LVDT, load cells, strain gauges & accelerometers and design of signal conditioning circuits.

Mechanical Engineering

One among the first four departments to be established in 1964 in the institute, the Mechanical Engineering Department of NITT has had the reputation of being among the finest in the country and is dedicated towards the advancement of technology and science. Keeping itself up to date with the latest developments and trends in the field and with a dedicated faculty of highly qualified and experienced members in all streams of mechanical engineering, the department consistently strives to provide world class facilities for education and research. An interactive relationship is maintained between the students and staff which enable the students to develop a sound foundation in the stream in a conducive environment. The calibration facilities developed by the department are in accordance with the national standards for calibration of pressure, temperature and speed measurement. These facilities are utilized by ISO 9000 certified companies. The department has an excellent industrial interaction and contributes to the industry by offering consultancy services.

Curriculum

Design Engineering
- Engineering Metallurgy
- Strength of Materials
- Mechanics of Machines
- Design of Machine & Transmission Elements
- Optimization Techniques

Manufacturing Engineering
- Production Technology
- Machine Drawing
- Production Drawing & Cost Estimation
- Metrology & Quality Control

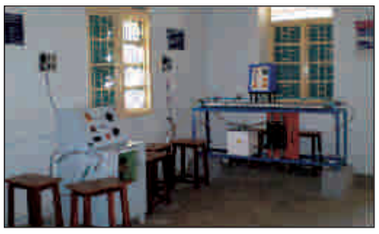
Thermal Engineering
- Engineering Thermodynamics
- Thermal Engineering
- Heat and Mass Transfer
- Turbomachines
- Refrigeration & Air Conditioning
- Automobile Engineering
- Power Plant Engineering

General Engineering
- Applied Electrical & Electronics Engineering
- Mechatronics

Software Engineering
- Programming in C
- Computer aided Design & Drafting.

Advanced Engineering Subjects
- Advanced IC Engines
- Finite Element Method
- Nuclear Power Engineering
- Welding Technology
- Tool Engineering & Design
- Combustion & Gasification Eng.
- Computational Fluid Dynamics
- Robot Technology

Management
- Industrial Engineering
- Behavioral Sciences & Industrial Management
- Operations Research

Projects

- Theoretical and experimental investigations on performance influencing parameters of industrial air compressors.
- Process modeling and online monitoring of laser beam welding.
- Experimental Investigation and finite element simulation of workability of Al-TiC powder metallurgy composites during cold upsetting.

Laboratory Facilities

Thermal Engineering Lab : State-of-the-art IC Engine test rigs equipped with engine indicators and data acquisition systems, air compressor test rigs, Junkers gas calorimeter, capillary viscometer.

Refrigeration and Air-Conditioning Lab : Vapor compression tutor, vapor absorption tutor, air conditioning tutor.

Heat Transfer Lab : Pin-Fin apparatus, guarded hot plate apparatus, heat exchanger, emissivity measurement apparatus.

Industrial Safety Lab : Friction tester, high volume sampler, fire extinguisher with accessories.

Metrology Lab : Calibration facilities for pressure (0-750 bars), temperature (25-1100 ^{o}C) and length as per internationally accepted standards, coordinate measuring machine, vibrometer, toolmakers microscope.

Dynamics Lab : Free and forced vibration apparatus, gyroscope, jump speed of cam setup, Dynamic Balancing Machine.

Automobile Lab : Clutch Assembly, Differential, Engine Components, Fuel Injection Pump, Electrical System, Steering Gear Box, Solex Carburetor.

CAD Lab : Pro Engineer (Wildfire), UniGraphics, CATIA, MATLAB, Fluent, Gambit, AnSys, MAYA, Mathematica, Abaqus.

Metallurgical and Materials Engineering

The Metallurgical and Materials Engineering department, established in the year 1967 is ranked among the best in the country. The department has highly qualified faculty and advanced laboratories. It maintains a symbiotic relationship with premier research institutes like Indian Institute of Science (Bangalore), Indian Institute of Technology (Madras), Central Electrochemical Resesarch Institute (Karaikkudi), Welding Research Institute (BHEL Trichy) etc. Regular upgradation of the syllabus along with frequent visits to well established industries enable the department to mould the students to meet the ever changing industrial demands. The students have proved their potential by getting selected for a number of National level fellowships from the IISc, JNSCAR and the Indian Academy of Sciences. Many of the faculty members have got prestigious fellowships like HUMBOLT and BOYSCAST. The department has established a student chapter, Trichy, of the Indian Institute of Metals.

Curriculum

Extractive Metallurgy
- Mineral Dressing
- Iron and Steel Making
- Extraction of Non-Ferrous Metals
- Process Modelling & Computer applications in Metallurgy
- Transport Phenomena

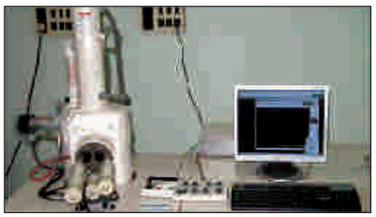
General Engineering
- Industrial Economics
- Corporate Communication
- Instrumentation Engineering
- Mechanical Technology
- Strength of Materials

Industrial Metallurgy
- Welding & Foundry Technology
- Non-Destructive Testing & Quality Control
- Metal Forming Technology
- Corrosion Engineering
- Fractography and Failure Analysis
- Special Steels and Cast Irons
- Special Casting Techniques

Physical Metallurgy
- Ferrous and Non-Ferrous Physical Metallurgy
- Mechanical Behaviour of Materials
- High Temperature & Frontier Materials
- Heat treatment

Software
- Unix Operating Systems
- Shell Programming
- Programming in C and C++
- Operating Systems
- DBMS, SQL
- Thermocalc

Material Science
- Nanomaterials
- Ceramics
- Composites and Polymers
- Surface Engineering
- Electrical, Electronic and Magnetic Materials

Projects

- Development of iron based bulk metallic glasses through metal alloying.
- Corrosion behaviour of super martensitic and super duplex stainless steels weldments in marine environments.
- BOF Slags.
- Role of interlayers In dissimilar materials joining by solid state welding process.
- Development of nanostructure and bimodal nanostructured aluminium alloys by severe plastic deformation.

Laboratory Facilities

Powder Metallurgy : Induction Sintering Furnace, Friction Press, Centrifugal Ball Mill, Planetary Ball Mill, Glove Box, Sintering Furnaces.

Corrosion Testing Laboratory : Manual/Computer controlled Potentiostat/Galvanostat, Facilities for Salt Spray Test, Stress Corrosion, Electro and Electroless Plating & other surface treatments.

Surface Enginnering Laboratory : Facilities for room temperature and high temperature Pin-on-Disc wear test, Apparatus for erosive wear test, dry sand abrasive wear test, pulse rectifier for composite/nanocoating/ alloycoating.

Welding Laboratory : SMAW/GTAW/GMAW/PAW/FRW power sources and facility for automatic welding.

Mechanical Testing : UTM, Tensometer, Creep, Fatigue & Hardness testing machines

Metallography : Scanning Electron Microscope, High resolution microscopes with photographic facilities, Image analyser.

Process Modelling Laboratory : Thermocalc and Dictra packages & databases.

Production Engineering

Established in the year 1983 the Department of Production Engineering strives towards excellence in the field of Production and Industrial Engineering. The department offers B.Tech. (Production Engineering), M.Tech. (Manufacturing technology , Industrial Engineering), M.S. and Ph.D. programmes. It was declared as the best department of the institute for the year 2006-2007. State-of-the-art laboratories are available in the areas of CAD, CNC, mechatronics, simulation and operations management. The department has a central workshop which is equipped with power tools in carpentry, lathes, grinding machines, milling machines, shaping machines and special machines like hobbing, EDM, tool and cutter grinder. The faculty of the department play a vital role in academic research. Many research papers have been published in reputed national and international journals.

Curriculum

Management
- Operations Research, Production & Materials Management
- Quality Reliability & Maintenance
- Industrial Economics & Management
- System based Industrial Engineering

Software
- C, C++
- Database Management Systems
- Mechatronics Software
- Hydraulic & Pneumatics Control Software

Manufacturing Technology
- Traditional & Non-Traditional Machining Process
- Foundry & Welding Process
- Metal Forming Process
- Metallurgy & Material Testing
- Mechanical Measurements & Metrology
- Manufacturing Planning & Control

Engineering Design
- Design of Machine Elements
- Design of Production Tooling
- Finite Element Analysis
- Machine & Product Design

Allied Engineering
- Thermal Engineering
- Fluid & Solid Mechanics
- Automobile Engineering
- Plant Engineering
- Mechatronics

Automation and CAD/CAM
- Computer Graphics, AI and Expert Systems
- CNC Machines
- Automation, CIM & Industrial Robotics
- Machine Tool Control & Automats




Projects

- Neural network based prediction of deformation, densification and workability behavior of nano TiC particles reinforced Al matrix nanocomposites.
- Development of models and algorithms for functional integration in supply chain.
- Improvement of wear resistance of Ti- alloy disc brake rotor through laser surface melting.
- Joining of thermoplastic composite pipes.
- Hybrid laser–GMAW welding, laser beam welding and gas metal arc welding of AISI 904L super austenitic stainless steel.
- Industrial energy management using neural networks and fuzzy logic.

Laboratory Facilities

Production Workshop

Centreless Grinding Machine, Universal, Tool and Cutter Grinder, Electric Discharge Machine (EDM), Gear Hobbing Machine, SCORBOT ER IV & V plus HMT STC-15 Turning Center, HARTFORD VMC, AS/RS, Machine Vision System, Lead Well CNC Turning Centre.

CAD/CAM

Packages like NICA, Pro Engineer (Wildfire), UniGraphics, 3D Studio V3, AutoCAD Designer, Animator Pro, Master CAM, AutoCAD r-14 etc.

The Octagon Computer Centre

The sterling hallmark of the campus is the OCTAGON computer centre. This center serves the campus-wide LAN which caters to 1300 users across the campus at the same time and has a 100 Mbps fiber optic backbone. The Octagon has a server room with 30 servers, 800 high-end computers and four user labs. A printer room equipped with two high speed printers which can print upto 50 ppm is also connected to the LAN. It also has centralized 2x60 kVA redundant uninterrupted power supply with 200 kVA standby power generators and central air conditioning. With a view to enhancing facilities and in order to meet additional requirements, a new annexe building with a capactiy of 200 computers has come up next to the Octagon. It houses two labs, one of which is connected to the Internet via a 8Mbps leased line from the STPI while the other is a general lab acting as an extension to the ones already present in Octagon. Arrangements can be made on prior intimation to use the computers in the Internet Lab for conducting online tests. The centre is maintained by the Computer Support Group (CSG). The CSG also offers courses under its continuing education programme for the students as well as the local community.

Resources

UNIX Servers/Workstation
SunFire - Solaris Server
Sangam - Linux File Server
Platinum - Internet Proxy Server

Windows Server/Workstation
Aditya- Network Attached Storage Server
Agni - Windows 2003 File cum Domain Server
Recnet - Internet Accounting Server

Novell Netware Servers
Vayu - Secondary Netware File Server
Sakthi - Office Automation Server

DTP Packages
Applied Electrical & Electronics Eng.
Control Systems

Operating Systems
Windows Server 2003 Enterprise Edition
Windows XP Professional
Red Hat Enterprise Linux
Fedora Core 7
Red Hat Linux 9
Novell Netware 6
Sun Solaris 10
Mac OS X 10.2

CAD/CAM Packages
Pro/Engineer Wildfire 3
CATIAV5
UniGraphics
Solid Works
AutoCAD 2007
Maya 8
Fluent
Gambit
Adobe, Corel & Macromedia Products
Ansys 11

Software
Microsoft C V 5.1
Lisp
Lotus Notes 2.6
Microsoft Office 2007
Matlab 7
SQL Server
Star Office
Oracle 9i/10g
Visual Studio .NET 2003
Lotus Notes
Power Builder




Laboratory Facilities

Electronic CAD (ECAD) Lab : ORCAD, PSPICE MAXPLUS II, XILINK's FOUNDATION Series, Synopsis Leonardo Synthesizer Model Tech Corporation's MODEL SIM & SABER. It also has the required hardware for programming the Xilinx's FPGA and CPLD.

DSP Design Lab : Texas Instruments TMS32C6X Evaluation Module (EVM), 6X Simulator, TMS32OC54X, 5X and 3X kits and simulator. This lab is used predominantly for project work. Development of EVM TMS32OC6X is under progress.

DBMS Lab : This lab houses 56 Pentium Systems and has the clients for software such as Oracle, Db2, Java and VC++.

Multimedia Lab : The Multimedia Lab has 16 Multimedia Pentium IV systems to be used extensively by the students to learn Multimedia Applications. Series of interactive sessions & workshops with faculty from University of Leeds and University of Sheffield, UK have been conducted.

Motorola Sponsored Lab : The IT centre also possesses a DSP and Microcontroller Laboratory sponsored by Motorola. It is eqipped with Pentium systems, ONYX Processors with full set of tools, HAWK Processors, 68HC11 power PCs with complete tools and software such as Matlab, MEPEE light DADISP, VIRTUOSOTMRTOS V 4.0.

Library

The college has a modern central library with more than one lakh documents consisting of technical books, reports, standards and back volumes of journals. The library subscribes to 179 periodicals (print) plus 1000+ (e-Journals) besides a holding of 15943 bound volumes of journals (back numbers). The library also contains 15,000 books in the book bank. Besides the central library, each department has its own library. The open access system is observed in the library. Our institute is holding membership with British Council Library, Chennai. We are also holding membership with DELNET, New Delhi for interlibrary loan. The library functions such as acquisition, circulation control, cataloguing and serials control have been automated using an integrated software called "LIBSYS".

Special Services

- Wireless fidelity service.
- Bulletin board service.
- News headlines with weekly update.
- Current awareness service.
- CD-ROM search service.
- Audio-visual service (educational cassettes).
- Membership to external agencies and individuals.

Statistical Data

- Library Books - 107571
- e-books titles accessible through Springer (India) Pvt.Ltd. - 670
- Journals subscribed - 205
- e-journals subscribed under TEQIP - 9
- Back volumes - 17454
- Reports - 7786
- B.I.S. - 12449
- Video cassettes - 1504
- Audio cassettes - 31
- CD-ROM databases - 1367




Indest Consortia

As a member of Indest Consortia (MHRD initiative) NITT library is allowed to access the following e-journal databases for accessing more than 5000 full text e-journals.

- IEL (113 journals): Access to the full archives of IEEE and IEE publications are available from 1998 to the present.
- Science direct (334 journals)
- Springerlink (498 journals)
- ASTP (160 journals)
- ACM (30 journals)
- ASME (18 journals)
- ASCE "NATURE" online
- INDIAN STANDARDS on intranet.

The Other Side

The students involve themselves actively in organizing cultural events. The inter-college cultural festival at our institute, FESTEMBER, is spread over four days. FESTEMBER brings to the surface the cultural talents among the youth from over 200 colleges all over the country. The fest incorporates various english, hindi and tamil literary events, informals, rock shows, movie-making in addition to music and dance competitions. Our college also hosts performances by eminent celebrities from the music industry adding glamour and grandiosity to this cultural carnival.

During NITTFEST, departments square off against each other over two days, on an even keel, to battle over quizzes, debates, music, terpsichorean delights and more. Its a time when heroes emerge in all, heartbreak for some, ecstasy for others, but glory for the college and a treat for all. It is thus evident that NITTFEST is more than just a fest - it is in effect, a tribute to the creative genius inherent in every Nittian.

There are about 30 student clubs in the institute. They range from cultural clubs such as ROTARACT, LEO, UNESCO and WISDOM to social awareness clubs such as SPIRIT-Ed (Student Participatory Initiative for Rural IT Education), NITT for CRY and a chapter of the SPICMACAY movement. There are also special interest clubs for photography, karate and trekking. These clubs organize cultural gatherings and interaction programmes throughout the year.

PRAGYAN is the annual international technical extravaganza organized by the students of NIT, Trichy. This mega event aims not only to promote the celebration of the spirit of technology but also to hone the latent talent and provide a podium to recognize and showcase technology, innovation and creativity on an international scale .

The institute has well developed sports facilities for the students. There are grounds for cricket, hockey, basketball, football, volleyball and tennis, besides indoor courts for badminton and table tennis attached to each hostel, and at the sports centre. There is also a fully equipped gymnasium. A newly constructed 'Semi Olympic' swimming pool adjacent to the sports centre adds more pride to the institute campus.

There are various academic and computing societies, which are dedicated to the goal of sharing technical information and spreading computer awareness among students. Notable among these are the GNU-Linux users groups of Trichy (GLUG-T), IEEE, RMI, ACM and the ISA Student Chapters of NITT.

Department of Training & Placement

The Department of Training and Placement is the marketing division of the institute. Over the years, the department, acting as an interface between college and companies, has maintained symbiotic, vibrant and purposeful relationship with industries across the country. As a result, it has built up an impressive placement record both in terms of percentage of students placed as well as number of companies visiting the campus. The department hosts companies on campus and ensures that every aspirant is assured of a bright career of his/her choice.

Hosting Companies on Campus

The department provides facilities for the visiting companies to conduct pre-placement talks, written tests, group discussions and interviews. Audio visual aids like laptops, LCD projectors for pre-placement talks and internet facilites for online tests will be arranged upon prior intimation.

Conveyance from/to airport or railway station is arranged by the department. Accomodation and food is provided at the institute guest house for the company on prior intimation and the cost of these are borne by the institute. Incase the company executives wish to stay outside the campus, all arrangements for their accomodation will be made but the costs are to be borne by the company.



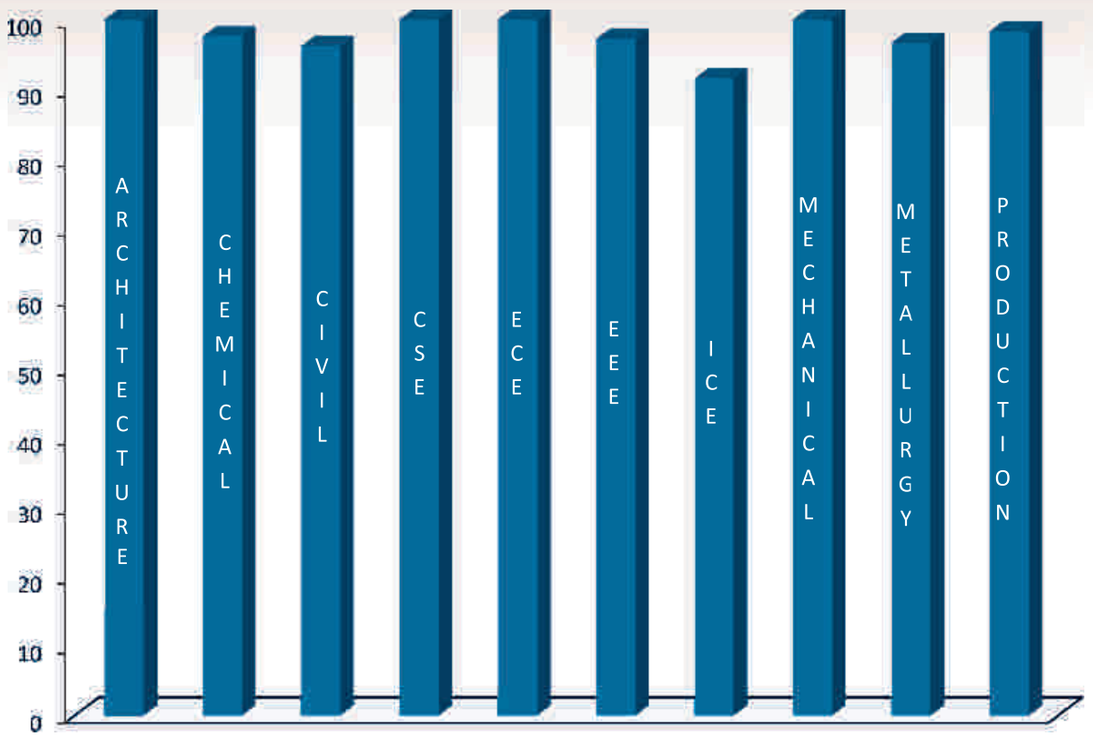

Functions And Responsibilities

- Nurtures industry institute interaction, by organizing and coordinating frequent industrial visits, inplant training and projects of industrial relevance for the students, with the sole aim of zeroing down the hiatus between the industry and the academia.
- Receives and forwards the feedback pertinent to curriculum improvement from the visiting companies to the faculty, to ensure that the curriculum follows the latest industrial trends.
- Helps every student define his/her career interest through individual expert counseling.
- Makes available updated database and job profile of the companies and thus helps each student analyze and choose company of his interest. The department has in its active file a database of nearly 1500 companies.
- Organizes and coordinates campus placement program, to fulfill its commitment of a career to every aspirant.
- Works towards continuing education for the employees.

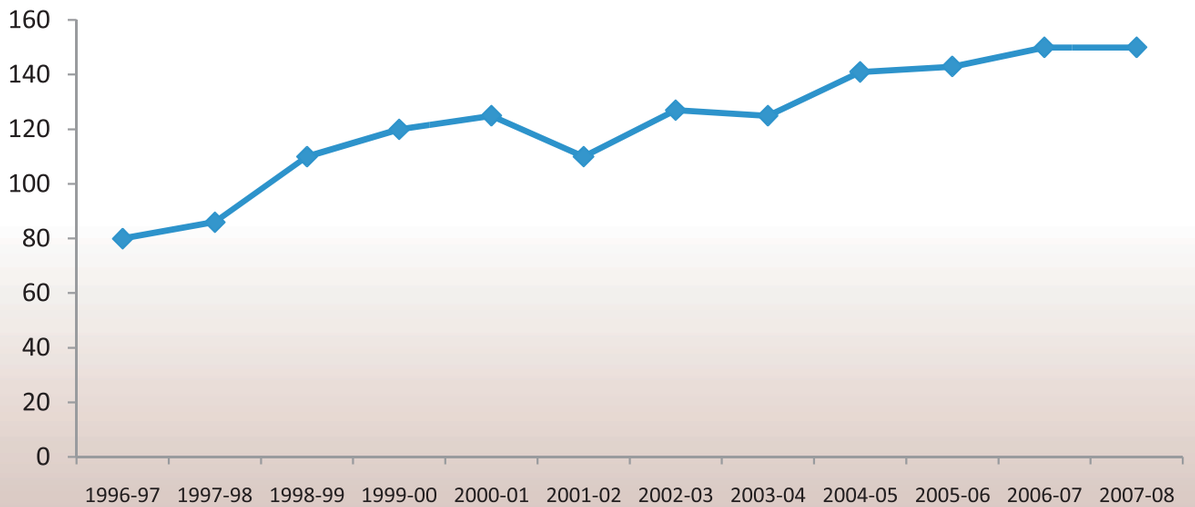
Placement Statistics

Placement Statistics (%)

(2007-2008)



Companies Visiting Campus



Our Esteemed Recruiters

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ALSTOM
AMADA SOFT
AMAZON
AMDOCS
ANALOG DEVICES
ANAND GROUP
ANZ
APC
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APPLIED MATERIALS (AMAT)
ARICENT
ARIS GLOBAL
ASHOK LEYLAND
ASIAN PAINTS
ATHEROS LLC INDIA
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AURIGO
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AXES TECH
AZTEC
A2Z INFOTECH PVT LTD.
BAJAJ AUTO LTD
BALMER LAWRIE & CO
BANGALORE LABS
BANYAN NETWORKS
BASF
BEL-CRL
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BHARAT TECHNOLOGIES
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BILT
BIRLA SUNLIFE
BLUE STAR LTD.
BOC
BOSTON ANALYTICS
BPCL
BPL
BRAKES INDIA
BRITTANIA
BSIL
BURNING GLASS
CALSOFT
CAPGEMINI
CARITOR
CARRIER AIRCON
CASTROL
CATERPILLAR
CCCL
C-DOT
CEAT
CELSTREAM
CERACHEM
C FRONTIER
CHEMPLAST SANMAR LTD.
CHOLAMANDALAM
CISCO
CITI FINANCIAL
CMC INDIA
COCO COLA
COCHIN SHIPYARD LTD.
COMPUTER ASSOCIATES
CONEXANT
COROMANDEL FERTILIZERS
COSMIC CIRCUITS
COUTH IT
COVANSYS
CSC
COGNIZANT
CUMMINS
CYPRESS SEMICONDUCTORS
D.E. SHAW (DESIS)
DAIMLER CHRYSLER
DALMIA CEMENT
DCM
DELL
DELOITTE
DELPHI
DEUTSCHE SOFTWARE LTD.
DOW
DRDO
E.I.D PARRY
EAST COAST CONSTRUCTIONS
EICHER GOODEARTH LTD.
EICHER TRACTORS
EIL
ELECTROSTEEL
ELECTROLUX
ELGI EQUIPMENTS
ELOGITECH
EMCON
EMSYS
EMMESKAY SYSTEMS
ENERCON
ERNST & YOUNG
ESAB INDIA
ESSAR GROUP
EXETER GROUP
EXIDE
FICHTNER (INDIA)
FORCE COMPUTERS
FORD
FOSTER WHEELER
FREESCALE SEMICONDUCTORS
FROST AND SULLIVAN
FULLER
FUTURE SOFTWARE
FUTURES FIRST
G E- JFWTC
GABRIEL INDIA
GAMMON INDIA LTD.
GB INDUSTRIES
GCCL
GCI SOLUTIONS
GE ENERGY
GENERAL OPTICS
GENPACT
GEOMETRIC SOFTWARE
GFT
GLOBAL ANALYTICS
GLOBAL LOGIC
GLOBAL TELESYSTEMS
GMR
GODREJ AND BOYCE LTD.
GOLDMAN SACHS
GOOGLE
GRASIM INDUSTRIES
GREEN MICROSYSTEMS
GRINDWELL NORTON
GUJARAT GAS
HAL
HCL
HDFC
HERO HONDA
HLL
HM
HONEYWELL
HP
HPCL
HSBC
HUAWEI
HYUNDAI
I2
IBM
ICI
ICICI INFOTECH
ICODE
I-FLEX SOLUTIONS
IGATE GLOBAL SOLUTIONS
IL & FS
ILABS
IMACS
IMRB
INDIA METERS
INDIA FOILS
INDO-US MIM TEC
IND TELESOFT
INFINEON
INFORMATICA
INFOSYS
INTEL
INTELLIGROUP
INTERGRAPH
INTUIT
IOCL
IOTL
IPCL
ISKRAEMECO-INDIA
ISMT
ISPAT
ISRO
ITC INFOTECH
ITC LIMITED
ITD CEMENTATION
ITI LTD.
ITTIAM
ITW SIGNODE
IVY COMPTECH
JASMIN INFOTECH
JISCO
JK TYRES
JOHN DEERE
JSW
JUNO ONLINE
KAMDAR CONSTRUCTIONS
KARVY CONSULTANTS
KASURA TECHNOLOGIES
KENNAMETAL
KIRLOSKAR
KLA TENCOR
L & T
L & T ECC
L & T VALDEL
LANCO KALAHASTI
LEHMAN BROTHERS
LG
LUCAS-TVS TECH.
M&M AUTO SECTOR
MANHATTAN ASSOCIATES
MARUTI UDYOG LTD.
McDOWELLS
McAFEE
MECON
MEGASOFT
MERINDUS
METLIFE INDIA INSURANCE
MICO BOSCH
MICROSOFT
MIDHANI
MINDTREE
MISYS
MM FORGINGS
MODEL BUCKETS & ATTACHMENTS
MODELYTICS
MORGAN STANLEY
MOTOROLA S/W
MU SIGMA
MURUGAPPA GROUP
NEG MICON
NEI BEARINGS LTD.
NESTLE
NETKRAFT
NETLABS
NOVELL
NTPC
NTRO
nVIDIA GRAPHICS
ON MOBILE
ONGC
ONIDA
OPEN SILICON
ORACLE
PARADIGM GLOBAL
PATNI
PENNAR CHEMICALS
PEOPLEONE CONSULTING
PEPSICO INDIA
PHILIPS
POLARIS
PRAXAIR
PRICOL
QUEST
RAMCO
REDPINE SIGNALS
RELIANCE COMMUNICATION
ROBERT BOSCH
SAINT GOBAIN
SANDISK
SANDS
SASKEN
SARTORIUS
SATYAM
SCHLUMBERGER
SCHNEIDER ELECTRIC
SCOOTERS INDIA
SDG
SECON PRIVATE LTD.
SEE CONSULTING
SERANOVA
SESHASAYEE PAPER & BOARDS
SHARP
SHAW WALLACE
SHUTTLE
SIEMENS
SIGNION SYSTEMS
SOBHA DEVELOPERS
SOCRATES
SONATA SOFTWARE
SPAN CONSULTANTS
SPCL
SPECTRUM INFOTECH
SPEL SEMICONDUCTORS
SQL STAR
SRF
SRISHTI SOFTWARE
SSI
STMICROELECTRONICS
SUN MICROSYSTEMS
SUNDARAM CLAYTON
SUNDARAM FASTENERS
SUZUKI METAL INDIA
SYMANTEC
SYMPHONY SERVICES
SYNERGY
SYNOPSYS
SYNTEL
TAFE
TATA EXLSI
TATA INFOTECH
TATA MOTORS
TATA POWER
TATA R&D CENTRE
TATA STEEL
TATA TINPLATE
TAVANT TECHNOLOGY
TCE
TCS
TECH MAHINDRA
TECHNIP ABU DHABI
TECHNIP INDIA
TEJAS NETWORKS
TELCON
TELESOFT
TESPL
THERMAX INDIA
THOROGOOD
TEXAS INSTRUMENTS
TIMKEN
TINPLATE
TOSHIBA
TOTAL ENVIRONMENT
TPL
TRIAD
TRILOGY
TTK
TVS GROUP
UB GROUP
UCAL MACHINE TOOLS
UPL
US SOFTWARE
VEDANTA GROUP
VENTURE LIGHTNING
VERITAS
VERIZON DATA SERVICES
VIDEOCON
VIRTUSA CORP
VMWARE
VOLTAS
VSNL
WALCHAND INDIA
WAPCOS
WELSPUN
WHIRLPOOL
WIPRO
XILINX
YAHOO!
YOKOGAWA
ZENSAR TECH
ZS ASSOCIATES

Getting Here

NIT Trichy, is situated 20 kms from the city of Trichy on the Trichy-Thanjavur highway. Trichy, being located at the geomentric centre of the state of Tamil Nadu is well connected by rail, road and air. Major highways seamlessly link Trichy with other parts of the state and the country. Flight and train timings given below are as of June 2008.

Flight Timings

Flight No.	From	To	Operated by	Days of Operation	Departure	Arrival
DN 173	Bangalore	Trichy	Simplifly Deccan	Daily	0555	0710
DN 175	Bangalore	Trichy	Simplifly Deccan	Daily	2035	2145
DN 174	Trichy	Bangalore	Simplifly Deccan	Daily	0750	0900
DN 176	Trichy	Bangalore	Simplifly Deccan	Daily	2210	2325
DN 153	Chennai	Trichy	Simplifly Deccan	Daily	1000	1110
DN 163	Chennai	Trichy	Simplifly Deccan	Daily	2120	2230
IT 2911	Chennai	Trichy	Kingfisher Airlines	Daily	1245	1355
IC 967	Chennai	Trichy	Indian	Daily	1310	1400
DN 154	Trichy	Chennai	Simplifly Deccan	Daily	1135	1245
DN 164	Trichy	Chennai	Simplifly Deccan	Daily	2245	2355
IT 2912	Trichy	Chennai	Kingfisher Airlines	Daily	1420	1530
IC 968	Trichy	Chennai	Indian	Mon,Thur,Sat	0500	0550

Train Timings

Train Number	Train Name	From	To	Departure	Arrival	Days of operation
6178	Rockfort Express	Trichy	Chennai-Egmore	22:00	5:15	Daily
6177	Rockfort Express	Chennai-Egmore	Trichy	22:30	5:15	Daily
6232	Mayiladuthurai Express	Bangalore	Trichy	19:05	4:05	Daily
6231	Mysore Express	Trichy	Bangalore	20:25	6:05	Daily
2605	Pallavan Express	Chennai-Egmore	Trichy	15:30	20:50	Daily
2606	Pallavan Express	Trichy	Chennai-Egmore	6:30	12:00	Daily
2635	Vaigai Express	Chennai-Egmore	Trichy	12:25	17:25	Daily
2636	Vaigai Express	Trichy	Chennai-Egmore	9:10	14:40	Daily
6607	Mangalore Express	Chennai-Egmore	Trichy	22:00	4:45	Daily
6608	Chennai Express	Trichy	Chennai-Egmore	22:20	4:30	Daily
6127	Guruvayur Express	Chennai-Egmore	Trichy	7:50	1:15	Daily
6128	Chennai Express	Trichy	Chennai Egmore	13:50	20:30	Daily

PLACES TO VISIT

Rock Fort Temple

This temple crowns a massive outcrop of rock, that soars 83 meters upwards, from the surrounding plains. Halfway up is the Sri Thayumanaswamy Temple, dedicated to Lord Shiva, having a 100-pillared hall, and a Vimana, covered with gold. On the southern face of the rock, are several beautifully carved, rock-cut cave temples, of the Pallava period. Built by the Nayaks, who were the founders of the city, it was one of the main centers around which the wars of the Carnatic were fought in the 18th century during the British - French struggle for supremacy in India.

Sri Rangam (Sri Ranganathaswamy Temple)

This temple, 6 kms north of the city, is among the most revered shrines to Lord Vishnu in South India, and probably, the largest temple complex in the country. Enclosed by seven rectangular walled courtyards, this 13th century temple has 21 gopurams. The town, and the temple, are set on a 250-hectare island in the Cauvery, connected to the mainland by a bridge. The temple is very well preserved, with excellent carvings, and numerous shrines to various gods, though the main temple is dedicated to Vishnu.

Natharvali

Constructed with four doors according to Vedic sastras and seppulingam, this shrine is a witness to ghee lamp burning near the grave of Baba Natharvali. The saint breathed his last on the 15th of the month of Ramzan in Hijiri 417 and with a view to remembering this day, the first 17 days in the month of Ramzan every year, Kanduri Urs is celebrated in a highly grand scale. It is a unique feature to see Muslims, Hindus and Christians assemble to pay their homage and warm respects to Baba Natharvali on the eve of the Kanduri festival and seek his graceful blessings.

St. John's Church

Built in 1812, this Church has louvered doors, which when opened, turns the church into an airy pavilion. Its excellent setting and marvelous architecture, makes it a site worth visiting.

Thanjavur

Thanjavur is home to the famous Brihadeeswara Temple, one of UNESCO World Heritage Sites. The Brihadishwara Temple (or Brihadeeswara temple) was built by Rajaraja Chola during the 11th century. Among the other historic buildings are the Vijayanagara fort and the Manora Fort- a monumental tower, built by Serfoji II and situated about 65 km away from Thanjavur.

Kallanai (Grand Anaicut)

Kallanai is one of the greatest engineering marvels of India. The Grand Anaicut built by Karikalan Chola in the 2nd century A.D. to harness the waters of the Kaveri. Made of stone, the dam is 329 m long and 20m wide and still very much in use. Additions have been made in the form of a road bridge on top of the dam.

Why Recruit at NITT

National Institute of Technology, Tiruchirappalli is one of the premier institutes in the country in the field of technical education where both the cream of students and faculty co-exist. Over the years, it has produced students with impeccable engineering acumen and also provides a conducive environment for the development of extracurricular talent. The students also acquire strong leadership, communication and team skills which ensures smooth and effective transition into the corporate world. Various surveys have consistently ranked NITT among the top engineering colleges in India and this is further proof that we are among the very best.

TOP 25 ENGINEERING

	OVERALL RANK 2008	2007		RANKING ON THEMES: Reputation	Quality of academic input	Student care	Infrastructure	Job prospects	Perceptual rank	Factual rank	Overall Score
^	1	2	Indian Institute of Technology, Delhi	3	3	3	2	2	3	1	98.90
v	2	1	Indian Institute of Technology, Kanpur	1	1	1	1	2	1	4	97.52
^	3	4	Indian Institute of Technology, Mumbai	2	1	2	2	1	2	21	87.68
^	4	5	Indian Institute of Technology, Kharagpur	5	5	5	5	5	5	2	87.21
v	5	3	Indian Institute of Technology, Chennai	4	4	4	4	4	4	21	85.86
>	6	6	Indian Institute of Technology, Roorkee	6	6	6	6	6	6	3	76.91
>	7	7	Indian Institute of Technology, Guwahati	7	7	7	7	7	7	11	56.08
^	8	9	College of Engineering, Anna University, Chennai	9	8	9	9	9	9	10	47.40
^	9	18	Institute of Technology, Banaras Hindu University, Varanasi	8	9	8	8	8	8	18	43.76
^	10	14	Vellore Institute of Technology, Vellore	13	13	13	13	13	13	4	42.89
^	11	13	National Institute of Technology, Warangal	11	10	11	10	10	10	15	41.79
v	12	10	National Institute of Technology, Tiruchirapally	12	12	12	12	12	12	11	40.47
^	13	16	International Institute of Information Technology, Hyderabad	10	10	10	11	11	11	16	40.03
v	14	12	Delhi College of Engineering, Delhi	14	14	14	14	14	14	6	38.61
v	15	11	Faculty of Engineering, Jadavpur University, Kolkata	16	15	17	16	15	17	8	34.32
v	16	15	PSG College of Technology, Coimbatore	16	15	15	16	16	15	9	34.15
>	17	17	Birla Institute of Technology, Mesra, Ranchi	18	18	18	18	18	18	7	33.17
^	18	24	National Institute of Technology, Rourkela	19	19	22	19	22	21	14	30.08
^	19	23	National Institute of Technology, Calicut	15	17	16	15	16	16	24	28.56
v	20	19	Netaji Subhash Institute of Technology, Delhi	24	24	24	24	24	24	11	27.96
>	21	21	MS Ramaiah Institute of Technology, Bangalore	22	21	19	22	21	22	16	27.17
v	22	20	Visvesvaraya National Institute of Technology, Nagpur	21	21	21	19	19	20	18	26.83
v	23	8	International Institute of Information Technology, Allahabad	23	23	23	23	23	23	21	25.56
-	24	-	JNTU College of Engineering, Hyderabad	19	19	19	19	19	19	25	25.38
v	25	22	Motilal Nehru Regional Engineering College, Allahabad	25	25	25	25	25	25	18	23.65

From our Esteemed Recruiters

Keep up your good work. – Tata Projects

Very good hospitality. – HSBC

Great visit. Our idea to keep visiting Trichy was reaffirmed by our 1st visit – 3M

Campus interviews were well organized – NTPC

Had a very good experience – Adobe

Thanks for all the help. The coordinators were very helpful – Analog Devices

Address for Communication

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DEPARTMENT OF TRAINING AND PLACEMENT
NIT, TRICHY