Under Graduate Placement Invitation

2007-2008

National Institute of Technology, Tiruchirappalli

Introduction

Tiruchirappalli, a historical, cultural and educational city, situated on the banks of the river Cauvery, is at the geographical center 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).

With the cream of the engineering talent encompassing both students and faculty coupled with state-of-the-art infra-structure 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 forefront of the 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 much more than that, it 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

Department of Architecture

Instituted in 1980, the Department of Architecture has a highly qualified faculty and recruits visiting faculty from India and abroad (U.K, Australia & Brazil) to share their experiences. The education program spans 5 years, following a semester pattern. One full semester is devoted for professional training for the students to have first hand experience in the field. The final semester is devoted to dissertation work under the faculty's guidance. Well equipped labs, library facilities and separate computer support help the Department to produce students of good calibre, who can cater to the specialized needs of the building industry. This Department has been selected under the U.K.-INDIA REC's project in India to include a comprehensive course and research in energy efficient building design. Having one of the best faculties in India in energy efficient design of building, the Department is poised to start M.Arch. programmes in "Habitat Planning and Design" & "Energy Efficient and Sustainable Architecture" very soon. COA has approved the Department and this is updated from time to time.

Laboratory Facilities

The Department has the following well-equipped laboratories, which are constantly modernized to keep pace with current developments.

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

Colour & monochrome photographs

Computer Lab

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

Survey Lab

Chain, compass surveys and levelling

Projects

- Study of Kumbakonam's urban growth pattern in collaboration with Cambridge University, U.K. A series of interactive sessions and workshops with faculty from University of Leeds and University of Sheffield, U.K.
- An energy efficient building proposal for the Training and Placement Department to be constructed in the campus with an estimate of Rs. 2 crores.
- Documentation of Chettinadu Houses in collaboration with UNESCO.

Curriculum

Core subjects	Advanced Subjects and Electives	Computer Courses
Architectural Design	Building Services	Programming Using C
Computer Application in Architecture	Mechanical and Electrical Services	HTML
Building Construction and Materials	Air Conditioning (HVAC systems)	AUTODESK
Climatology	Professional Practice	3D Studio Max
Landscape Architecture	Town Planning	MAYA
Survey and Leveling	Building Economics	I.E.S
AutoCAD	Project Management and Evaluation	BREEZE
Graphic and Visual Arts	Energy Efficiency in Building	Software for Sunshade Design

Chemical Engineering

The Department of Chemical Engineering, established in 1968, has the distinction of being ranked among the top seven in the country. The Department has a highly qualified faculty and modern laboratory facilities and it periodically updates the syllabi as per the current industry requirements and also trains the students to tackle any kind of industrial problems. The students have won many laurels in national level technical symposia across the country.

Laboratory Facilities

Unit Operations Lab

Fluid Mechanics, Heat and Mass Transfer.

Process Control and Instrumentation Lab

Plant Condition Simulators, Energy Trainer and Analog Simulator.

Simulation Laboratory

A new simulation laboratory is being developed under TEQIP.

Technical Analysis Lab

Gas-Liquid Chromatography, Spectrophotometry.

CEESAT

An energy center has been established by the Government of India and UK to carry out research in energy saving and optimization. Bio-energy and Bio-technology TGA and CHN analysis.

Projects

- Modernization of Separation Process Laboratory.
- Consultancy project for Tamil Nadu Explosives Ltd. (TEL) on 'Effluent Treatment to Reuse Waste as Fertilizer'.
- Treatment of effluents by Emulsion Liquid Membrane Technique.
- Modernisation of all labs in the Department under TEQIP.
- Studies on sonochemicals reactions of polymers like PVA, Caprolactum, etc in collaboration with SRF and Manali Petrochemicals Ltd.
- CFD modelling of Chemical Process Equipment (MHRD Funded Thrust Area project).

Curriculum

Core Subjects
Mechanical Operations
Fluid Mechanics
Chemical Eng.Thermodynamics
Chemical Reaction Engineering
Process Calculation
Organic Chemical Technology
Inorganic Chemical Technology
Heat Transfer
Mass Transfer
Process Dynamics and Control
Material Technology

Advanced Subjects
Biochemical Eng.
Transport Phenomena
Process Economics
Process and Equipment Design
Applied Mathematics in Chemical Eng.
Petroleum and Petrochemical Eng.
Safety Eng.
Polymer Science and Technology
Environmental Eng.
Advanced Process Control
Instrumentation and Measurement
Enzyme Eng.
Energy Eng.
Process Modelling

Software Subjects
C
C++
AutoCAD
Numerical Methods
Design 2, MATLAB
HYSIS
Fluent

Management Subjects
Human Psychology & Organisational Behaviour
Industrial Economics & Management
Corporate Communication

Science Subjects
Physical Chemistry, Organic Chemistry, General Mathematics

Civil Engineering

Since its inception in 1964, the Department of Civil Engineering, with its vision of "Shaping Infrastructure Development with Societal Focus", has been contributing to the pool of high quality engineers in the country. With its well-equipped laboratories & computer centers, its students are well trained for handling practical problems. The highly qualified & experienced faculty along with its engineering consultancy center has been instrumental in bringing the institute to the forefront of academic & consultancy activities.

Laboratory Facilities

Structural Engineering

1000 KN UTM, 2000 KN CTM, PUNDIT, Corrosion analysis instrument, photo-elastic polariscope, Covermeter, Schmidt hammer.

Transportation Engineering

Geo-gauge, Fatigue Testing Machine, Dynamic Cone Penetrometer, Benkelman Beam Deflectometer.
GPS, Pavement Management System, Vehicle Emission Testers, Radar Speedometer & Material Testing Software: Mx-roads, Arc GIS, ERDAS Imagine 9.1.

Environmental Engineering

Atomic Adsorption Spectrophotometer, UV visible Spectrophotometer, Ion analyzer, Orbital Shaking Incubator, UV Spectrophotometer

Software: Visual MODFLOW, ENVI, RIAM, QUAL2E.

Computer Lab

STAAD III, STAAD PRO, STRAP, CADS & ANSYS,TRIPS, MIGRAN, Autocad, Auto Civil, Autoplotter, GIS pack-ages including Arc Info, Arc View, Map Info, Intergraph, ENVI.

Survey Laboratory

Micro-optic Theodolite, Laser Theodolite,auto-level, Digital Planimeter & Electronic Total Station.

Soil Mechanics

Motorised triaxial testing machine, Motorised direct shear equipment, Load cell (50kg-50tonnes), LVDT Triaxial,Uniaxial testing machines and CBR apparatus
Software: PLAXIS 2D& 3D, FLAC 3D

Fluid Mechanics and Hydraulic Machinery

MFlumes, turbines, pumps,and pipe testing equipments.

Projects

- Rural road performance studies regarding pavement performance, monitoring, etc.
- Analysis of traffic volumes in the PMGSY Road Network- a case study of Tamil Nadu.
- Department of Science & Technology (DST) Project: Non- Linear soil-structure interaction of pile foundations on sloping grounds.
- Water Management studies for paddy, using sewage effluent irrigation, sanctioned by AICTE.
- Water management studies in the Agniar river basin, sponsored by World Bank through the WRO, PWD, and Govt. of Tamil Nadu.
- Development of Remote Sensing Image Interpretation Cell for Rural and Urban Planning.
- Real time reservoir operation with the aid of Neural Networks.

Curriculum

Structural Engineering
Analysis of Structures
Design of Steel Structures
Design of Reinforced Concrete Structures
Matrix Analysis of Structures
Concrete Technology

Electives
Advanced Foundation Engineering
Pre-Stressed Concrete
Plate and Shell Structures
Experimental Stress Analysis

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

Software
CAD-I (Numerical Analysis using C and C++ programs)
CAD-II (AutoCAD, Office and Civil Software)

Geotechnical Engineering
Soil Engineering

Transportation Engineering
Railway & Highway Engineering
Airway & Waterway Engineering
Traffic Engineering
Applications of GIS, GPS and Remote Sensing

Hydraulics Engineering
Mechanics of Fluids
Water Resources Engineering
Irrigation & Water Power Engineering

Computer Science Engineering

The B.Tech. course in Computer Science and Engineering is one of the most coveted courses in NITT. 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 & other publications related to the world of computer science. These are readily available for reference to the students should they need them.

Laboratory Facilities

Microprocessor Laboratory

The CSE Department has a state-of-the-art Microprocessor Laboratory that is used to conduct practical sessions for Digital IC lab & microprocessor based interfacing lab.

CSE Laboratory

The CSE laboratory has around 50 Pentium IV based PCs, an IBM Netfinity server, an IBM Pentium MMX running Linux and Windows NT, an IBM RS/6000 Machine & a Sun Cluster Platform.

Octagon Computing Center

The local area network has over 250 nodes and half a dozen Pentium based servers. Various other platforms such as Solaris based SunMachines, HP, DEC Alpha Ultra Sparc and Silicon Graphics workstations are also available.

Projects

- Health Management Information System (for Ministry of Health, Tamil Nadu Government).
- Image Matching using Distance Transfers.
- Implementation of Parallel Algorithms

Curriculum

Laboratory Practicals

Operating Systems (DOS, WINDOWS and LINUX)
Database Management Systems (Oracle and SQL)
Programming Languages (C, C++, VB, XLISP, PROLOG)
Digital ICs and Microprocessor based Interfacing
Systems Software Programming in C
Implementation of Data Structures in C
Compiler Design
Network Programming

Advanced Topics

Compiler Design
Distributed Computing
Parallel Architecture
High Speed Networks
Artificial Intelligence
Computer Graphics

Core Computer Engineering Subjects

Data Structures
Design and Analysis of Algorithms
Principles of Programming Languages
Computer Organization and Architecture
Automata and Formal Languages
Digital Computer Fundamentals
Systems Software
Operating Systems Design and Implementation
Database Management Systems
Computer Networks
Microprocessor Interfacing and Expert Systems
Software Engineering

Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering, established in 1964, is constantly updating the curriculum and syllabi in tune with the rapid advancements taking place in this field. The qualified and dedicated faculty impart excellent training to the students not only in the core courses but also in allied areas such as instrumentation, communication & essential computer subjects. The various laboratory courses are designed to provide ample opportunities for the students to build their own circuits and systems and work with them. The Department also offers M.Tech. courses in Power systems and Communication Systems & PhD programmes in Power Systems, Control Systems and Power Electronics.

Laboratory Facilities

The Department has the following well-equipped laboratories, which are constantly modernized to keep pace with current developments.

Microprocessor & Microcontroller Laboratory

8085 and 8086 Microprocessor training kits, 8031 and 196(16 bits) Micro-controller trainer kits, 32-channel Logic Analyzer.

Electrical Machines Laboratory

Computer Lab

PSPICE, SABER, MATLAB, SIMULINK and PSCAD are used for as well as project based activities.

Power Electronics and Drives Lab

Projects

The Department faculty have done extensive research work in the area of power systems, power electronics and application 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 Ministry of Human Resource and Development & Department of Science and Technology are:

- Application of Genetic algorithm for high performance power converters.
- Unified power flow controllers.
- Testing facility for distributed generators.
- Control of a hybrid wind-driven induction generator and PV array system for isolated and grid connected operations.

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 Structure
Computer Architecture
Computer Networking
Assembly Language Programming
Microcontrollers and Interfacing
Neural Networks and Fuzzy Logic
Computer Graphics

Electronics

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

Electronics and Communication Engineering

The Electronics and Communication Engineering Department 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 growing demand of the research community.

The Department has a rich library replete with IEEE journals, electronics magazines and course material on VLSI system design, analog & digital communication and digital signal processing. The students are adequately prepared for undertaking jobs ranging from advanced hardware R&D to systems application.

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 Optic Laboratory

DSP and Micro-controller Lab sponsored by Motorola with 750 MHz Pentium III systems, 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, & state-of-the-art software such as MATLAB, MEPEE light DADISP, VIRTUOSOT MRTOS V4.0.

Analog and Digital and IC Laboratory

Solid State Circuits and Devices Laboratory

Microprocessing Laboratory

Microprocessing and Interfacing Laboratory with 8085 and 8086 Microprocessor training kits, 8031 and 196(16 bits) Micro-controller trainer kits, 32-channel Logic Analyzer from Applied Digital Microsystems, Mumbai.

Digital Signal Processing Lab

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

VLSI Design Laboratory

VLSI Design Laboratory with state of 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.

Communication Eng. Laboratory

Projects

- Analysis and design of coplanar waveguide filters sponsored by AICTE.
- Analysis and design of RF MEMS component (Reconfigurable antenna), an R&D project sponsored by MHRD, Govt. Of India.
- Optimization techniques for System on Chip (SoC) implementation of target recognition system funded by Department of Science & Technology, New Delhi.
- Special Manpower Development Project (SMDP) on VLSI design & related software, funded by Ministry of Information and Telecommunication, Govt. of India, New Delhi.

Curriculum

Wireless Communication
Mobile Communication

Information Theory
Statistical Theory of Communication

VLSI System Design
VHDL, Verilog

Computer Networks

Solid State Devices and Circuits
Amplifier and Oscillators
Analog and Digital IC's

Communication Techniques Communication Electronics Circuits

Electromagnetics
Transmission Lines and Waveguides, Microwave Devices and Dircuits, Antennas

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

Digital Techniques
Microprocessors (8085,86) and Interfacing

Unix and Windows Basics

Communication Switching Systems

Instrumentation and Control Engineering

The Department of Instrumentation and Control was established in the year 1993 to meet the growing demands of qualified technical manpower in areas of Electronic Instrumentation & Industrial Control. Students are exposed to the latest trends in Instrumentation & Control, with available state-of-the-art infrastructure and through qualified and committed faculty members.

Laboratory Facilities

Microprocessor & Micro controller Lab

Programming of interfacing cards for stepper motor, A/D, D/A, PLC, USART, timer, Logic analyzer & GPIB bus for virtual instrumentation. Design of microprocessor, microcontroller & PC based development system & Embedded systems with 8085,8086,8051,8097 & PIC kits.

Control System Lab

Modeling,simulation,controller design and analysis of electrical & electro-mechanical systems.

Biomedical Instrumentation Lab

Measurements of parameters concerned with physiological systems are performed.

Virtual Instrumentation and MEMS

Creation of virtual instruments for the measurement & control of major process parameters, using Virtual Instrumentation hardware & software. Design, development & analysis of MEMS using software tools.

Instrumentation Lab

Instrumentation systems for measurement of major process variables are designed & developed & tested, with the help of the standard calibration devices.

Sensors and Transducers Lab

The basic principles & operation of transducers used in static & dynamic measurements are studied. Various signal conditioning circuits are designed & developed. Analog Digital Circuits Design Lab.

Projects

The following projects are funded by Department of Science and Technology, Government of India

- Embedded system based module patient monitoring system.
- Modeling and Control of Smart Structures using Multi Sensor Data fusion.
- Design and development of Mechatronics Laboratory Modules.
- Structural Vibration Control using Smart Materials as sensors/actuators.
- Robust and Efficient Algorithms for Modern Control Systems.

Curriculum

Instrumentation
Sensors and Transducers
Industrial Instrumentation
Electrical & Electronic Measurements
Analytical Instrumentation
Instrumentation System Design
Virtual Instrumentation
Bio-medical Instrumentation

Control Systems
Modeling and Simulation
Design of Controllers
Analysis of Feedback Systems
Programmable Logic Controllers (PLC)
Distributed Control Systems (DCS)

Electronics
Micro Electronics
Solid State Circuit Design
Digital Techniques
Analog and Digital Circuit Design
Microprocessor and Microcontroller
Data Communication and Telemetry
Signals and Systems
Power Electronics

Electives
Digital Signal Processing
Real Time and Embedded Systems
Fuzzy Logic & Neural Network Control
Control & Instrumentation in Power Industries
Refineries, Paper and Pulp
Micro-Electro Mechanical Systems(MEMS)
Automotive Control Systems

Software
C and C++ Programming
Data Structures and Algorithms
Operating Systems
Computer Networks
Personal Computers & Interfacing

Electrical
Network Theory, Electrical Machines

Chemical
Chemical Processes,
Process Control

Mechanical Engineering

Established in 1964, the Mechanical Engineering Department has a highly qualified faculty & modern laboratory facilities. The syllabus is updated periodically to suit the needs of the industry. The Department has developed calibration facilities traceable to National Standards for calibration of pressure, temperature and speed measuring instruments. ISO 9000 certified companies utilize the calibration facilities.

Laboratory Facilities

Thermal Engineering Laboratory

State-of-the-art IC Engines test rigs equipped with Engine indicating and Data acquisition systems. Air Compressor test rigs, Capillary Viscometer, Junkers gas Calorimeter, Air-conditioning tutor, Vapour Absorption tutor.

Metrology Laboratory

Calibration facilities for pressure (0-750 bars), temperature(25- 1100 degree C) & length calibration, as per internationally approved standards, coordinate measuring machine, vibrometer, toolmakers microscope, surface roughness measuring instruments, profile projector, vibration exciters & gyroscopes.

Dynamics Laboratory

Free and forced vibration apparatus, Gyroscope, Jump speed of a cam setup, Dynamic Balancing machine, Acceleration of geared system, Vibration exciter.

Workshop

PSG & Kirloskar lathes, Shapers, Milling Machines, Grinding Machines, Radial Drilling Machines, Gear Hobbers & deep- drawing Presses, Planar machines.

CNC Laboratory

EMCO Compact 5 CNC Lathe and Hart fold Machining Center, Triac 3 axis milling machine, hmtstc 15 Turning Center.

Projects

- MHRD funded project on design and development of coal/charcoal burning diesel engines.
- MHRD sponsored R&D project titled "Theoretical and experimental investigations on performance influencing parameters of Industrial Air Compressors".
- Under TEQIP (Technical Education Quality Improvement Programme) the following equipment have been added to the Department – Wireless thin profile torque transducer, Modular digital storage oscilloscope, Sound and vibration analyzer and Torsional vibration.

Curriculum

Design Engineering
Engineering Metallurgy
Strength of Materials
Theory of Machines
Design of Machine Elements
Design of Transmission Elements
Optimization Techniques

Thermal Engineering
Engineering Thermodynamics
Thermal Engineering
Heat and Mass Transfer
Turbo Machines
Refrigeration & Air Conditioning
Automobile Engineering
Power Plant Engineering

Advanced Engineering Subjects
Advanced IC Engines
Finite Element Method
Nuclear Power Engineering
Welding Technology
Tool Engineering and Design
Combustion & Gasification Eng.
Computational Fluid Dynamics
Robot Technology
Micro Processor Applications in Mechanical Eng.

Management
Industrial Engineering
Behavioural Sciences & Industrial Management
Operations Research
Marketing Management

Production Management
Industrial Safety Engineering
Finance Management

Manufacturing Engineering
Production Technology
Machine Drawing
Production and Cost Estimation
Metrology and Quality Control

General Engineering
Applied Electrical & Electronics Eng.
Control Systems Mechatronics

Software Engineering
Programming in C++
Computer Aided Graphics
Computer Aided Drawing

Metallurgical and Materials Engineering

The Metallurgical and Materials Engineering Department, established in 1967, is ranked among the best in the country. The Department has highly qualified faculty and is also actively involved in research. It maintains a symbiotic relationship with premier research institutes like Indian Institute of Science (Bangalore), Indian Institute of Technology (Chennai), Central Electrochemical Research Institute (Karaikudi), Welding Research Institute (BHEL Trichy) etc. Regular upgradation of 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 mettle by getting selected for a number of National Level Fellowships from the Indian Academy of Sciences, JNCASR & IISc. The Department has established a Student Chapter, Trichy of Indian Institute of Metals. Many of the faculty members have got prestigious fellowships like BOYSCAST and HUMBOLT.

Laboratory Facilities

Powder Metallurgy

Induction Synthetic Furnace, Friction Press, Centrifugal Ball Mill, Glove Box, Planetary Ball Mill, 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 Engineering Laboratory

Facilities for room temperature and high temperature pin-on-disc wear trest, apparatus for erosive wear test, dry sand abrasive wear test, Pulse rectifier for composite/alloy plating/nano coatings.

Welding laboratory

SMAW/GTAW/GMAW/PAW/ERW power sources and facility for automatic welding.

Mechanical Testing

UTM, Tensometer, Creep, Fatigue & Hardness testing machines, Scanning Electron Microscope.

Metallography

High Resolution Microscopes with Photographic Facility & Image Analyzer.

Process Modelling Laboratory

Thermocalc and Dictra Packages and some databases.

Projects

The Department is handling various projects sponsored by agencies like MHRD, DRDO, AICTE and DST to the tune of more than ONE CRORE rupees

- Development of iron-base multi component & nano dispersed bulk metallic glasses through Mechanical Alloying for industrial applications.
- Corrosion behaviour of super duplex and super austenitic stainless steel weldments in marine environments.
- Development of High Strength, High Conductivity Cu-Cr In-situ Composite by Mechanical Alloying.
- Modeling and Simulation of TIG Welding Process.

Curriculum

Extractive Metallurgy
Mineral Dressing
Iron and Steel Making
Extraction of Non-Ferrous Metals
Process Modeling and Computer Applications in Metallurgy
Transport Phenomena

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

Industrial Metallurgy
Foundry Technology
Welding Technology
Non-Destructive Testing & Quality Control
Metal Forming Technology
Corrosion Engineering
Fractography and Failure Analysis

General Engineering
Industrial Economics & Management
Electrical, Electronics & Magnetic Materials
Mechanical Technology
Strength of Materials
Instrumentation Engineering
Engineering Mathematics and Numerical Methods

Physical Metallurgy
Ferrous and Non-Ferrous Physical Metallurgy
Heat Treatment
Mechanical Behaviour and High strength Special steels
Frontier Materials

Software
Unix Operating System, Shell programming, Programming in C & C++, DBMS, SQL, Thermocol

Production Engineering

Established in 1983, the Production Engineering Department offers B.Tech. course in Production and Manufacturing Engineering. In addition, the Department offers M.Tech. and Ph.D. programs. The Production Engineering discipline combines the theory & concepts of Mechanical Engineering with a sound knowledge of core and advanced manufacturing subjects, CAD/CAM, management and software applications. Centrally air-conditioned state-of-the-art laboratories are available in the areas of CAD & CAM. The students have won laurels in various technical contests & paper presentations across the country.

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 center.

CAD / CAM

Packages like NICA, Pro Engineer (Wildfire), UNIGRAPHICS, II IDEAS 3D Studio V3 Auto CAD Designer, Animator Pro, Master CAM, Auto CAD r-14 etc.

Projects

- CIM and CNC Lab-Robot and Vision sponsored by TEQIP.
- Modelling and Simualtion Lab-Server with Clients sponsored by TEQIP.
- Metal Forming Lab-Rolling Mill and Press Tools sponsored by TEQIP.
- Industrial Energy Management using Neural Networks and Fuzzy Logic sponsored by MHRD (R&D).
- Modernization of Engineering Practice Laboratory sponsored by MHRD (MODROB).
- Establishment of Reverse Engineering Laboratory sponsored by MHRD (Thrust).
- Hybrid Decision Making Tool for Intelligent Manufacturing sponsored by MHRD (R&D).
- Advanced CAD Laboratory sponsored by MHRD (Thrust).
- Modernisation of Net Shape Manufacturing Process Laboratory sponsored by MHRD (MODROB).

Curriculum

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

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

Manufacturing Technology
Traditional & Non Traditional Machining Processes
Foundry and Welding Processes
Metal Forming Process
Metallurgy and Material Testing
Mechanical Measurements & Metrology
Manufacturing Planning & Control
Advanced Manufacturing Trends

Engineering and Design
Design of Production Tooling
Design for Manufacture
Machine and Product Design
Work Design & Facilities Planning
Finite Element Analysis

Allied Engineering
Thermal Engineering
Refrigeration and Air Conditioning
Fluid Mechanics and Machinery
Strength of Materials
Automobile Engineering
Mechatronics
Plant Engineering

Software
C, C++
Database Management Systems
Mechatronics Software
Hydraulic & Pneumatic Control Software

The Octagon

The sterling hallmark of this campus is the OCTAGON - Computer Center. This center serves the campus-wide LAN in close association with the user departments. This LAN caters to 1300 users across the campus at the same time and has a 100 Mbps fiber optic backbone. It also acts as a resource centre to supplement classroom instructions with laboratory sessions.

The OCTAGON accommodates the central computing facilities. it has a server room with 20 servers and 800 high-end computers. Its laboratories include four labs -Lab 1 with 39 Pentium based PCs, Lab 2 with 52 Pentium 4 based PCs, Lab 3 (also known as RECAL-Sun Lab) with 33 Sun Computers, Graphics Lab with 27 Pentium 4 based PCs, R & D Lab with 30 Pentium 4 based PCs.

A Printer room equipped with two high-speed Hewlett Packard 9000DN - A3 Network Mono Laser Printers which can print 50 pages per minute (PPM), a high-speed Hewlett Packard 9500N-A3 Network Color Laser Printer which can print 24 pages per minute (PPM) and high-speed Line Matrix Printers which can print 1500 lines per minute (LPM), a Library for software, CBTs & manuals, Conference & Seminar facilities, a CAD/CAM Centre with 20 high-end workstations & in-house maintenance facilities.

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. It also provides consultancy services to a range of organizations.

Octagon is kept open 24 hours a day, 7 days a week, throughout the year. It also has centralized 2 x 60 kVA redundant Uninterrupted Power Supply with 200 kVA standby Power Generators and Central Air Conditioning.

Resources

UNIX Servers/Workstation

SunFire - Solaris Server
SILVER - Linux File Server
PLATINUM - Internet Proxy Server
SunFire250 - Solaris Clients Server

Windows Server/Workstation

ADITYA - Network Attached Storage (NAS) Server
AGNI - Windows 2003 File cum Domain Server
RECNET - Internet Accounting Server
Dell 350n Workstations
DNS cum Dial-up server
GOLD Internet Terminal Server

Novell NetWare Servers

VAYU - Secondary NetWare File Server
SAKTHI - Office Automation Server

DTP Packages

Applied Electrical and Electronics Eng.
Control Systems
Mechatronics

Operating Systems

Windows Server 2003 Enterprise Edition
Windows 2000 Server
Windows 2000 Prof. / Windows XP Prof.
Red Hat Enterprise Linux AS release 3 (Taroon)
Fedora Core 5
Red Hat Linux 9 (Shrike)
Novell NetWare 6
SUN Solaris 10
IRIX Release 6.3
Apple MAC OS X 10.2 (Jaguar)

CAD/CAM Packages

Pro/ENGINEER Wildfire 2
Pro/MECHANICA Wildfire 2
Unigraphics NX2
Catia V5r9
I-DEAS Master Series 6.0
IRONCAD 3.2
NISA 12.0
ADAMS 10
ANSYS 8.0
AutoCAD 2006
Mechanical Desktop 5 & Inventor 4
Maya 5 Unlimited with Shader Library
3D Studio Max 6 & Character Studio 4.2
Adobe,Corel & Macromedia products

Software

Microsoft C V 5.1
Borland C++ V 4.5
Lisp
Softek COBOL 85
WATCOM C/C++ V 10.0
Visual Studio .NET 2003
Oracle 9i/10g
DB2
Softek FORTRAN V 2.0
FoxPro 2.6
Delphi
Clipper V 5.9
Microsoft Office XP / 2003
Lotus Notes 4.51
PC Focus
SYBASE System 11
Power Builder V 6.0
Visual Dbase V 6.0
SQL Server
Matlab 6
Java Development Kit 1.2
Scilab 3
GPSS
SPSS
Star Office

Octagon Annexe and IT Center

OCTAGON ANNEXE

With a view to enhancing facilities and in order to meet additional requirements, a new annexe building with a capacity of 200 computers has come up next to Octagon. It houses two state-of-the-art labs, one of which is connected to the internet via an 8 Mbps line leased from the Software Technology Park of India (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 Annexe building like Octagon is kept open 24 hours a day, 7 days a week, throughout the year.

Laboratory Facilities

Electronic CAD (ECAD) Lab

The ECAD lab is equipped with state-of-the-art software such as 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 Xilink's FPGA and CPLD.

This software enables the following:

- Simulation
- Synthesis
- Placement and Routing
- PCB Design

This software is capable of simulation of systems containing mechanical, electro-mechanical and electronic elements.

DSP Design Lab

This lab has the state-of-the art DSP design tools such as Texas Instruments, TMS32C6X Evaluation Module (EVM), 6X Simulator, TMS32OC54X, 5X and 3X kits and simulator. This lab is predominantly used for project work. Development of EVM for 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++ installed in the machines.

Multimedia Lab

The Multimedia lab has 16 Multimedia Pentium IV systems, to be used extensively by the students to learn Multi-media applications. Series of interactive sessions & workshops with faculty from University of Leeds and University of Sheffield, U.K. have been conducted.

Motorola Sponsored Lab

ITC also possesses a DSP and Micro-controller Laboratory sponsored by Motorola. It is equipped 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

IT CENTRE

The Information Technology Center (ITC) houses facilities to complement and augment the facilities installed in The Octagon Computer Center. The nerve center is IBM RS/6000132d42 SP along with digital library software.

In addition to the RS/6000 SP, the ITC also houses a high speed switch and a DELL server. It has labs, a seminar room and a conference room.

The Library

The institute 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 119 periodicals besides a holding of 15943 bound volumes of journals (back numbers). The library also contains 15,000 books in the book bank. The Audio-Visual Section is equipped with a microfilm reader, lingua- phone laboratory, audio cassette players, color television sets, video cassette recorders and over 1400 Educational audio & video cassettes. Discs on many foreign languages are available in the library.

The CD-ROM workstation and the Audio-visual section are recent additions to the library. Besides the central library, each department has its own library. The open access system is followed in the library.

CD-ROM Workstation

- The library has been subscribing to DIALOG ON DISC Compendex Plus (Engineering Index) CD-ROM database from 1987 to date and now it is known as K R INFORMATION ON DISC.
- Under the UK-India RECs Project the library has subscribed to UMI /PROQUEST INSPEC ON DISC CD-ROM database from 1996 to 1998. These two databases cover the entire Engineering field and Physics.
- The Library subscribes to the Bureau of Indian Standards (BIS) on CD-ROM.
- The Library also subscribes to Instrument Society of America (ISA) standards on CD-ROM e-Resources through INDEST CONSORTIUM.

The Library functions such as circulation control, cataloguing and serials control have been automated. The Computer Support Group has developed an integrated software package called LIRS+ for library operations such as Cataloguing, Circulation & Acquisition. Online Public Access Catalog (OPAC) has been implemented and made available to all the NITT LAN users through the browser. The Institute library is also a permanent member of the British Council Library, Chennai.

Special Services

- 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.

Indest Consortia

As a member of Indest Consortia (MHRD initiative) NITT library is permitted to acesss 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 (29 Journals)
- "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 college, FESTEMBER, is spread over four days. FESTEMBER brings to the surface the cultural talents among the youth from over 50 colleges all over the country. The fest incorporates various English,Tamil and Hindi literary events, Informals, Rock shows, in addition to music and dance competitions. Our college also hosts guest performances by eminent celebrities from the music industry adding glamour and grandiosity to this cultural carnival.

NITTFEST, an inter-departmental cultural meet, is held every year to showcase the flourishing talent on campus, inducing competitive ardour in the students.

There are about thirty student clubs in the institute. They range from cultural clubs such as ROTARACT, LEO, UNESCO and WISDOM to social awareness clubs such as LEAP (League for Environmental Awareness and Protection), NITT for CRY and a chapter of the SPICMACAY movement. There are also special interest clubs such as Photography, Karate & the Trekking club. These clubs organize cultural gatherings and interaction programmes throughout the year.

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.

PRAGYAN is the annual international technical extravaganza organized by the students of National Institute of Technology, 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.

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 Group of Trichy (GLUG - T), IEEE, ACM and the ISA Student Chapters of NITT.

Department of Training and Placement

The Department of Training and Placement is the marketing division of the institute. Over the years, the Department, acting as an interface between the students 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 per- centage of students placed, as well as the number of companies visiting the campus.

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 and LCD projectors for pre-placement talks and internet facilities for online tests will be arranged on prior intimation.

Conveyance from/to the railway station or airport is arranged by the Department. Accommodation and food is provided at the institute guest house for the company on prior intimation and the costs for these are borne by the institute. In case the company executives wish to stay outside the campus, all arrangements for their accommodation will be made but the costs are to be borne by the company.

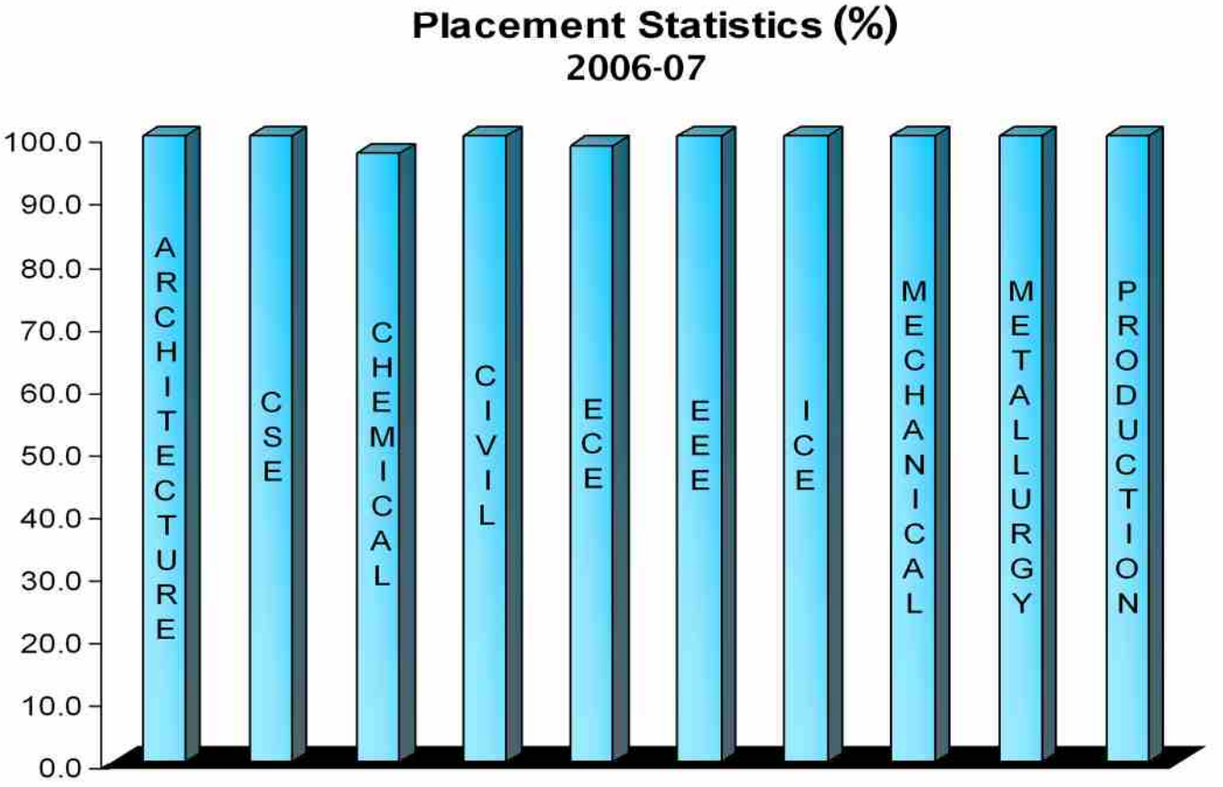
Functions and Responsibilties

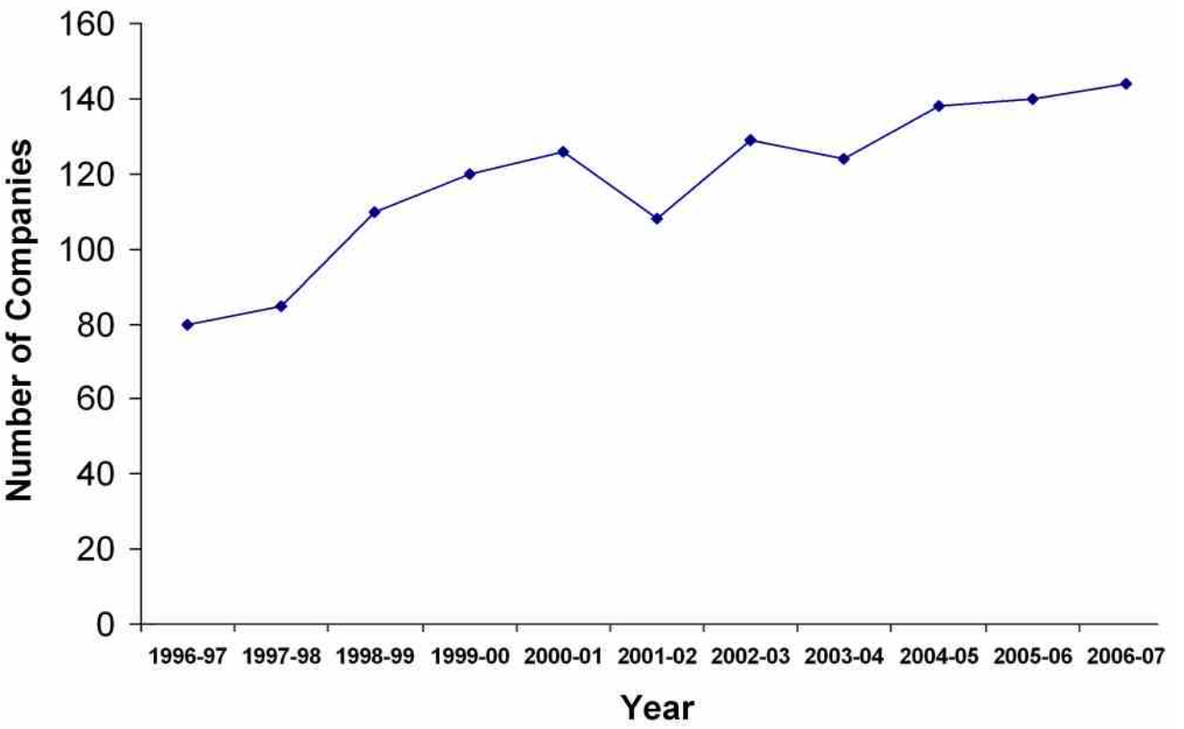
- Organizes and coordinates Campus Placement Program, to fulfil its commitment of a job to every aspirant.
- Makes available updated database and job profile of the companies and thus helps each student analyze and choose a company of his interest. The Department has in its active file a database of nearly 500 companies.
- Helps every student define his/her career interest through individual expert counseling.
- 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.
- Works towards continuing education for the institute employees.

Why recruit at NITT?

With students drawn from all the States of our country and faculty recruited through open advertisement throughout the country, the institution has an all India character. Ever since its establishment, the institution has registered speedy progress and it now offers Under Graduate courses in ten branches and Post Graduate courses in twenty three disciplines of science, engineering & technology besides Ph.D. in all the departments.

Placement Statistics





Companies which visit our campus

ABB
ACC
ACCENTURE
ADOBE
ADOR WELDING
ADVENTNET
AFL
AGERE SYSTEMS
AIRTEL
AIRVANA
AKZO NOBEL
ALLIANCE SEMICONDUCTOR
ALSTOM
AMADA SOFT
AMAZON
AMDOCS
ANALOG DEVICES
ANAND GROUP
ANZ
APC
APEX
APPLIED MATERIALS (AMAT)
ARIS GLOBAL
ASIAN PAINTS
ASIAN WIND TURBINES
ASPOCOMP
AUDCO
AURIGO
AURO INFOTECH
AXES TECH
AZTEC
A2Z INFOTECH PVT LTD
BAJAJ AUTO LTD.
BALMER LAWRIE & CO.
BANGALORE LABS
BANYAN NETWORKS
BASF
BEL-CRL
BHARAT FORGE
BHARAT TECHNOLOGIES
BHARTI TELECOM
BHEL
BHORUKA GASES LTD.
BILT
BIRLA SUNLIFE
BIRLASOFT
BLUE STAR LTD.
BOC
BPCL
BPL
BRAKES INDIA
BSIL
BURNING GLASS
CALSOFT
CARITOR
CARRIER AIRCON
CASTROL
CATERPILLAR
CCCL
C-DOT
CEAT
CELSTREAM
CERACHEM
CG MAERSK
CHEMPLAST SANMAR LTD.
CISCO
CITIFINANCIAL
CITIL
CMC LTD.
COCA COLA
COCHIN SHIPYARD LTD.
COMPUTER ASSOCIATES
CONEXANT
CORAL GRID
COROMANDEL FERTILIZERS
COSL
COSMIC CIRCUITS
COVANSYS
CSC
CSS
CTS
CUMMINS
CYPRESS SEMICONDUCTORS
D & B
D & H SECHERON
D. E. SHAW (DESIS)
DAIMLER CHRYSLER
DALMIA CEMENT
DCM
DELL
DELOITTE
DELPHI
DEUTSCHE SOFTWARE LTD.
DISHNET DSL
DOW
DRDO
E.I.D. PARRY
EAST COAST CONSTRNS.
EICHER GOODEARTH LTD.
EICHER TRACTORS
EIL
ELECTROSTEEL
ELECTROLUX
ELGI EQUIPMENTS
ELOGITECH
EMCON EMSYS
EMMESKAY SYSTEMS
EMUZED (ARICENT)
ENERCON
ERNST & YOUNG
ESAB INDIA
ESSAR STEELS
EXETER GROUP
EXIDE
FCRI
FICHTNER (INDIA)
FLEXTRONICS (ARICENT)
FORCE COMPUTERS
FORD
FOSROC
FOSTER WHEELER
FREESCALE SEMICOND.
FROST AND SULLIVAN
FULLER
FUTURE SOFTWARE
FUTURES FIRST
G E-JFWTC
GAMMON INDIA LTD.
GATI
GAVS INFO SERVICES
GB INDUSTRIES
GCCL
GCI SOLUTIONS
GCMMF
GE ENERGY
GENERAL OPTICS
GENPACT
GEOMETRIC SOFTWARE
GFT
GLOBAL ANALYTICS
GLOBAL TELESYSTEMS
GMR
GODREJ AND BOYCE LTD.
GOLDMAN SACHS
GOOGLE
GRASIM INDUSTRIES
GREEN MICROSYSTEMS
GRINDWELL NORTON
GUJARAT GAS
HAL
HANSA CORP
HCL
HCL PEROT SYSTEMS
HDFC
HELLOSOFT
HERO HONDA
HLL
HM
HONEYWELL
HP
HUAWEI
HUMANWARE
HYUNDAI
I2
IBM
ICI
ICICI INFOTECH
ICODE
I-FLEX SOLUTIONS
IGATE GLOBAL SOLUTIONS
IL&FS
ILABS
IMACS
IMRB
INAUTIX
INDIA BULLS
INDIA METERS
INDIA FOILS
INDO-US MIM TEC
IND-TELESOFT
INFINEON
INFORMATICA
INFOSYS
INTEL
INTELLIGROUP
INTERGRAPH CONSULTANCY
IOCL
IOTL
IPCL
IRS
ISKRAEMECO-INDIA
ISMT
ISPAT
ISRO
ITC INFOTECH
ITC LIMITED
ITD CEMENTATION
ITI LTD.
ITTIAM
ITW SIGNODE
IVY COMPTECH
JASMIN INFOTECH
JISCO
JOHN DEERE
JSW
JUNO ONLINE
KAMDAR CONSTRUCTIONS
KANBAY
KARVY CONSULTANTS
KASURA TECHNOLOGIES
KENNAMETAL
KIRLOSKAR
KLA TENCOR
L & T
L & T ECC
L & T VALDEL
LANCO CASTINGS
LANCO KALAHASTI
LG
LIVIA POLYMER BOTTLES
LUCAS-TVS LTD.
LUCENT TECH.
M&M AUTO SECTOR
MANHATTAN ASSOCIATES
MARUTI UDYOG LTD.
MAXHEAT ENGINEERING
MBT
MCDOWELLS
MCAFEE
MEGASOFT
MERINDUS
METLIFE INDIA INSURANCE
MICO BOSCH
MICROSOFT
MIDHANI
MIMETICS PHARMA
MINDTREE
MISYS
MM FORGINGS
MODELYTICS
MORGAN STANLEY
MOTOROLA S/W
MSAIL
MURUGAPPA GROUP
NEG MICON
NEI BEARINGS LTD. (NBC)
NESTLE
NETKRAFT
NETLABS
NOVELL
NTPC
NTRO
NVIDIA GRAPHICS
ON MOBILE
ONGC
ONIDA
ORACLE
PAMPOSH
PARADIGM GLOBAL
PATNI
PENNAR CHEMICALS
PEOPLEONE CONSULTING
PEPSICO INDIA
PHILIPS
POLARIS
POPULAR FOUNDATIONS
POSEIDON
PRAXAIR
PRICOL
QUEST
RAMCO
REDPINE SIGNALS
RELIANCE COMMUNICATION
ROBERT BOSCH
SAINT GOBAIN
SANDISK
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
SYMPHONY SERVICES
SYNERGY
SYNOPSYS
SYNTEL
TAFE
TATA ELXSI
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
TELCO
TELCON
TELESOFT
TESPL
THERMAX INDIA
THOROGOOD
TEXAS INSTRUMENTS
TIMKEN
TINPLATE
TOTAL ENVIRONMENT
TPL
TRANSYS TECHNOLOGY
TRC
TRIAD
TRILOGY
TTK
TVS MOTORS
TVS SRI-CHAKRA
UB GROUP
UCAL MACHINE TOOLS
UPL
US SOFTWARE
VEDANTA
VENTURE LIGHTING
VERITAS
VERIZON DATA SERVICES
VIDEOCON
VIRTUSA CORP.
VMWARE
VOLTAS
VSNL
WALCHAND INDIA
WAPCOS
WELSPUN
WEP PERIPHERALS LTD
WHIRLPOOL
WILCO
WIPRO
XALTED NETWORKS
XOMOX SANMAR
YAHOO!
YOKOGAWA BLUE STAR
ZENSAR TECH
ZS ASSOCIATES
24/7 CUSTOMER

FLIGHT TIMINGS

FLIGHT NUMBER	AIRLINE	DAYS OF OPERATION	FROM	TO	DEPARTURE	ARRIVAL
IT 2436	KINGFISHER	SUN	TRICHY	BANGALORE	11:55	12:50
IT 2436	KINGFISHER	DAILY EXCEPT ON SUN	TRICHY	BANGALORE	14:55	15:50
IC 968	INDIAN	MON, TUE, THU, SAT	TRICHY	CHENNAI	05:00	05:50
IC 994\	INDIAN	WED	TRICHY	CHENNAI	11:40	12:30
DN154	AIR-DECCAN	DAILY	TRICHY	CHENNAI	14:45	15:45
IC967	INDIAN	MON, TUE, THU, SAT	CHENNAI	TRICHY	12:00	12:50
IC993	INDIAN	TUE	CHENNAI	TRICHY	12:50	13:40
DN153	AIR-DECCAN	DAILY	CHENNAI	TRICHY	13:30	14:30
IT2435	KINGFISHER	SUN	BANGALORE	TRICHY	10:30	11:25
IT2435	KINGFISHER	DAILY EXCEPT ON SUN	BANGALORE	TRICHY	13:30	14:25

TRAIN TIMINGS

TRAIN NO.	TRAIN NAME	FROM	TO	DEPAR-TURE	ARRIVAL	DAYS
6178	ROCKFORT	TRICHY	CHENNAI-EGMORE	22:30	05:30	DAILY
6177	ROCKFORT	CHENNAI -EGMORE	TRICHY	22:30	05:15	DAILY
6232	MAILADUTURAI	BANGALORE	TRICHY	19:10	04:05	DAILY
6231	MAILADUTURAI	TRICHY	BANGALORE	20:30	05:55	DAILY
2605	PALLAVAN	CHENNAI -EGMORE	TRICHY	15:30	20:50	DAILY
2606	PALLAVAN	TRICHY	CHENNAI-EGMORE	06:30	11:05	DAILY
2635	VAIGAI	CHENNAI- EGMORE	TRICHY	12:25	17:25	DAILY
2636	VAIGAI	TRICHY	CHENNAI -EGMORE	09:15	13:45	DAILY
6607	MS MANGALORE EXP	CHENNAI-EGMORE	TRICHY	22:00	04:45	DAILY
6608	MAQ CHENNAI EXP	TRICHY	CHENNAI -EGMORE	22:20	04:33	DAILY
6127	GURUVAYUR	CHENNAI -EGMORE	TRICHY	07:25	12:45	DAILY
6128	GURUVAYUR	TRICHY	CHENNAI -EGMORE	13:50	19:25	DAILY

COVER STORY THE INDIA TODAY-AC NIELSEN-ORG-MARG SURVEY OF COLLEGES

Top 10 ENGINEERING

Overall Rank 2007		Ranking on themes: Reputation	Curriculum	Quality of academic input	Student care	Admission procedure	Infrastructure	Job prospects	Perceptual rank	Factual rank
1	IIT-Kanpur	1	1	1	1	1	1	1	1	1
2	IIT-Delhi	3	3	3	2	3	3	2	3	1
3	IIT-Chennai	2	2	2	3	2	2	3	2	5
4	IIT-Mumbai	4	4	4	4	4	4	4	4	15
5	IIT-Kharagpur	5	5	5	5	5	5	5	5	10
6	IIT-Roorkee	7	7	7	7	7	7	7	7	3
7	IIT-Guwahati	6	6	6	6	6	6	6	6	8
8	Indian Institute of Information Technology, Allahabad	9	9	9	9	9	9	9	9	20
9	College of Engineering, Anna Univ, Chennai	14	15	14	15	15	15	14	15	4
10	National Institute of Technology, Tiruchirappalli	10	11	10	11	10	11	10	11	10

"Looking forward to have a long term relation with NIT Trichy" – Schlumberger

purposeful. Looking forward to come back again next year. Hospitality was par excellence." – Castrol

"This is Castrol's 1st experience in campus recruitment. It's been really exciting and

"We hope to continue this excellent relationship in the years to come" – Microsoft

"Excellent hospitality, friendliness, teamwork & initiation!" Manhattan Associates

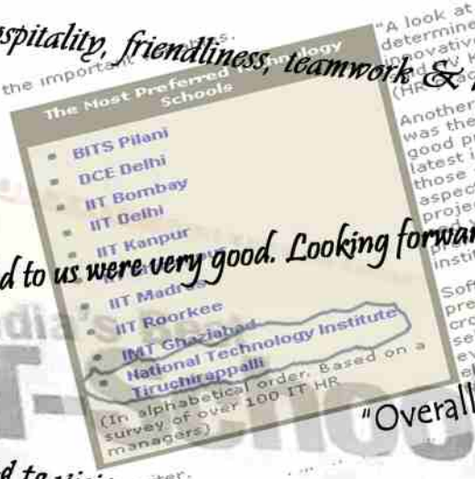
"The facilities extended to us were very good. Looking forward for a closer relationship in the future" – Morgan Stanley

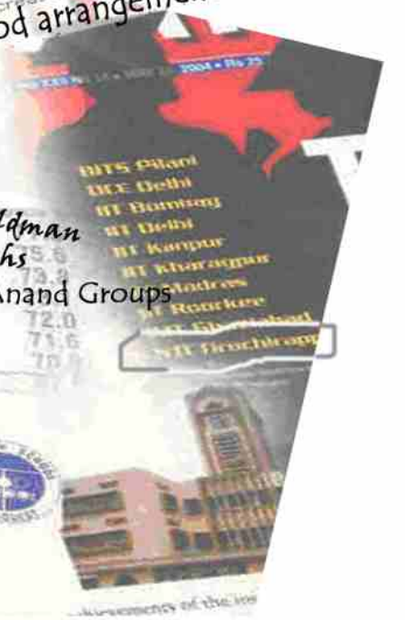
"Overall very good arrangements." -- L&T ECC

"We would be glad to visit your campus again next year" -- Goldman Sachs

"Good arrangements! Keep it up! We'll come back next year" -- Anand Groups

"Good students with good communication skills" -- Maruti





Address for Communication

Dr. A. K. Bakthavatsalam
The Professor & Head
Department of Training and Placement
National Institute of Technology
Tiruchirappalli - 620015
Tamil Nadu
Telephone : 0431 - 2501081, 2503781
Telefax : 0431 - 2501081
Email : tp@nitt.edu, tpnitt@gmail.com



tp@nitt.edu
tpnitt@gmail.com

Department of Training and Placement
NIT Trichy