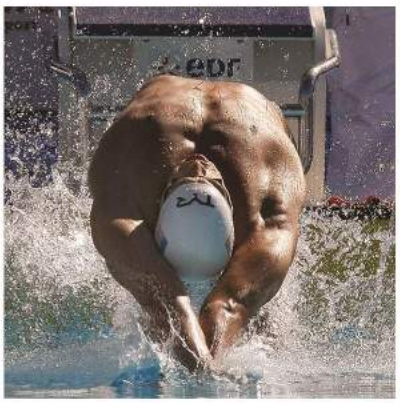
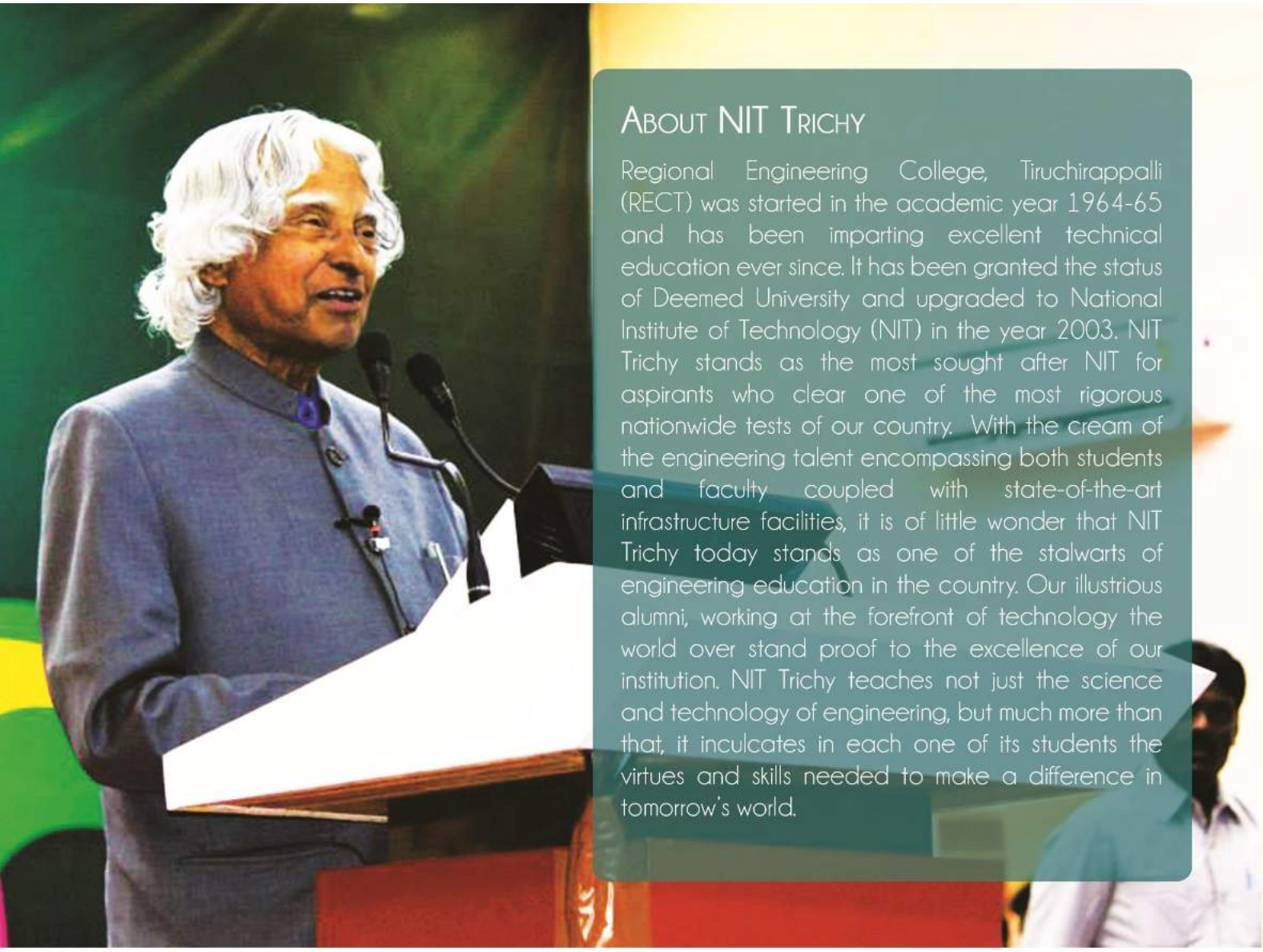
INVITATION

UNDERGRADUATE PLACEMENTS 2017-18



National Institute of Technology
Tiruchirappalli



About NIT Trichy

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. NIT Trichy stands as the most sought after NIT for aspirants who clear one of the most rigorous nationwide tests of our country. 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 NIT Trichy 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. NIT Trichy teaches not just the science and technology of engineering, but much more than that, it inculcates in each one of its students the virtues and skills needed to make a difference in tomorrow's world.

Why Recruit @ NIT Trichy

INSTITUTE OF NATIONAL IMPORTANCE

Institute of National Importance (INI) is a status that is conferred to a public higher education institution in India by an act of parliament. It has been over 50 years since NIT Trichy was established, and it is the endearing spirit of the Institute which motivates its students to aspire to be the best.

STUDENTS

As a student of NIT Trichy, one is encouraged to become a competent technologist, an emergent leader and a proactive citizen.

TOP ENGINEERING COLLEGE

NIT Trichy has been consistently ranked among the top 10 Engineering Colleges in the country. It was ranked as the 8th Best Technical School in India and the best among NITs by Outlook Magazine (2016).

CHOICE OF CURRICULUM

NIT Trichy offers a wide range of engineering disciplines. The departments offer a multidisciplinary range of courses to the students, with the express aim of ensuring the holistic development of students.

AWARDS 2

INFRASTRUCTURE 4

ARCHITECTURE 6

CHEMICAL ENGINEERING 8

CIVIL ENGINEERING 10

COMPUTER SCIENCE AND ENGINEERING 12

ELECTRONICS AND COMMUNICATION ENGINEERING 14

ELECTRICALS AND ELECTRONICS ENGINEERING 16

INSTRUMENTATION AND CONTROL ENGINEERING 18

MECHANICAL ENGINEERING 20

METALLURGICAL AND MATERIALS ENGINEERING 22

PRODUCTION ENGINEERING 24

THE OTHER SIDE 26

CLUBS AND STUDENTS GROUP 28

TRAINING AND PLACEMENT 31

PLACEMENT PROCESS 32

PLACEMENT STATISTICS 34

OUR ESTEEMED RECRUITERS 35

HOW TO REACH 37

Awards & Accolades

Winner of the National Award for Excellence in Employabilityin 12th FICCI Higher Education Summit 2016..

Winner of the National Awad for Serving Social Cause (CSR) in 10th ASSOCHAM Education Awards 2017

CII Presented HUL Award for the Best Industry - Linked NIT/IIT/IIIT to NIT Trichy in 2015.

FICCI Higher Education Excellence Award presented to NIT Trichy for Social Excellence in 2015.

Outlook Magazine ranked NIT Trichy in Top Ten Colleges of India in 2015.

ASSOCHAM presented the National Excellence Award for the Best use of ICT/MOOC in Education (South) in 2016.

Infrastructure

Clock Tower

Convention Centre

Hospital

Helipad

Cafe Coffee Day (CCD)

Lyceum

Ojas

Lecture Hall Complex

Central Library

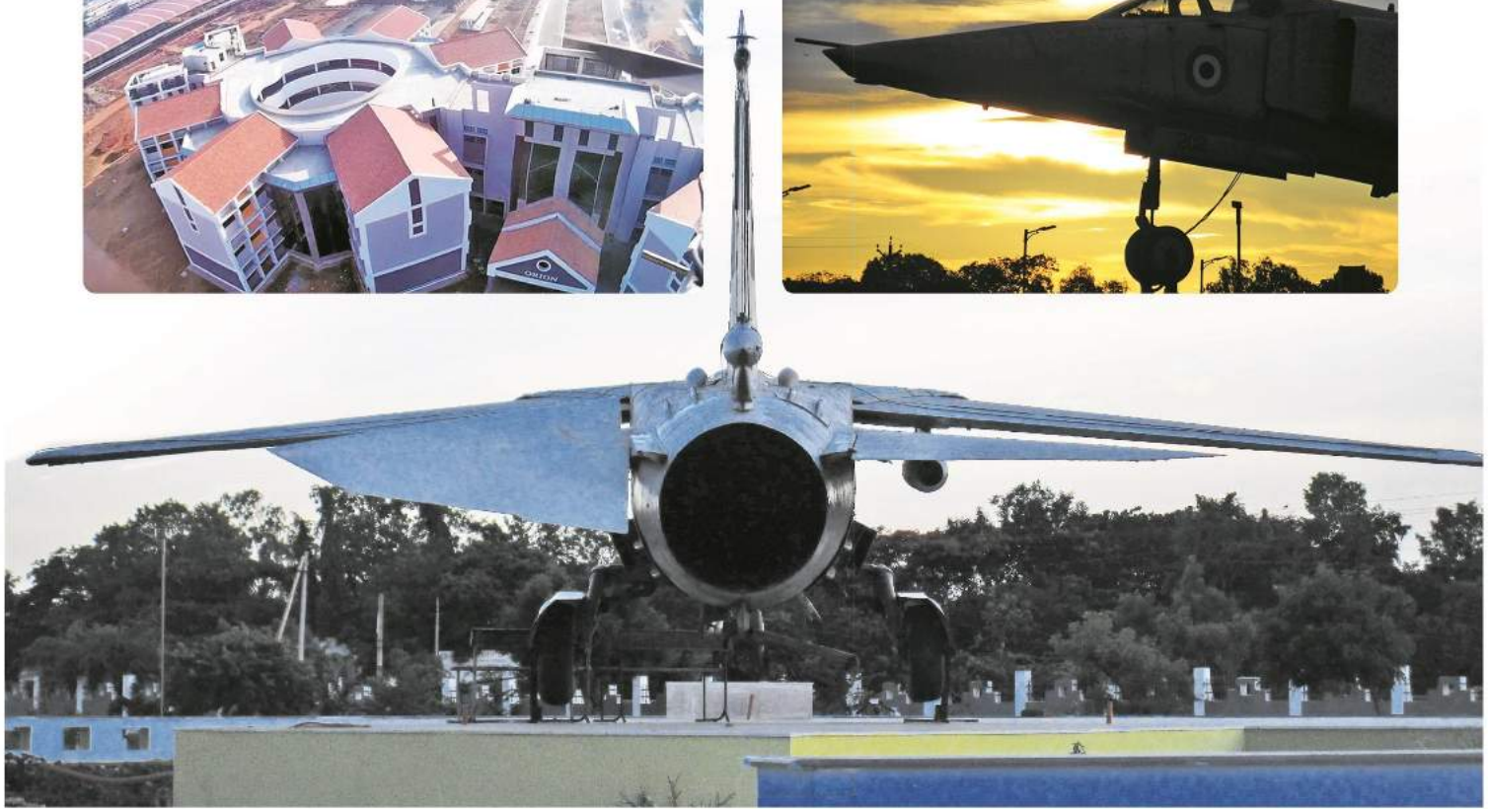
Sports Centre

Octagon

Swimming Pool

Orion

MIG 23



ARCHITECTURE

INTRODUCTION

The Department of Architecture in National Institute of Technology, Trichy had a humble origin 21 years ago. The department was started with just three faculty members and hardly any infrastructure. But the growth of the department in these twenty one years had been phenomenal. Today we have faculty members in all important branches of architecture and a group of able students drawn from all over the country. Together we evolved a work culture that has brought us success in academics, professional practice and extra curricular activities.

LAB 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 :

Colour and Monochrome

Computer Lab :

Dell Precision T1650 workstations with the following software – Autodesk Design Suite 2015, Adobe Master Collection CS6, Lumion 5, I.E.S 5, Autodesk Ecotect, Rhinoceros 5, Sketchup 2015.

Survey Lab :

Chain, Compass Survey and Levelling.

Building Construction Lab :

Outdoor space for hands on experience and experimentation on building construction such as masonry construction, concrete block and slab casting and ferro-cement construction.

Materials Library :

Collection of material samples of building materials, structural members, building finishes and hinges

Model making Lab :

Studio space for collaborative working on models equipped with printers and apparatus for precision.

CURRICULUM

Core Subjects

Architectural Design
Urban Design
Building Construction & Materials
Building Structural Systems
Landscape Architecture
Human Settlement Science
History of Architecture
Computer Applications in Architecture
Climatically Responsive Architecture
Environmental Study

Electives

Interior Design
Graphic Design
Environmental Control & Design Workshop
Vernacular Architecture
Visual Arts
Energy Efficient Buildings
Housing
Architectural Criticism

Advanced subjects

Air Conditioning & Mechanical Services
Architectural Acoustics
Water Supply & Drainage
Estimation & Specification
Artificial Lighting & Electrical Services
Construction Management

Computer courses

Autodesk AutoCAD
Autodesk Revit
Autodesk 3D studio max
Rhinoceros
Grasshopper
I.E.S
Ecotect
Adobe Photoshop
Adobe Illustrator
Adobe Indesign

PROJECTS

- Documentation and Analysis of the Palace of Ramanathapuram.
- Analysis of Isha Yoga Centre, Coimbatore.
- Documentation and Analysis of Sengi Kottai.
- Analysis of Saravana Stores, Chennai.
- Analysis of Goubert Avenue, Puducherry.

CHEMICAL ENGINEERING

INTRODUCTION

Established in 1968, the Department of Chemical Engineering is regarded as one amongst the few premier centers for Chemical Engineering in India by industries as well as academics. It also has the distinction of being ranked as one of the top seven chemical engineering departments in India by chemical engineering faculties. The department is backed by highly qualified and experienced faculty who have been involved in various industrial projects and consultancy services. The students have presented many papers in India and abroad and have won several national level design competitions.

LAB FACILITIES

Process Control and Instrumentation Lab :
- Plant Condition Simulator
- Energy Trainer and Simulator

Unit Operations Lab :
- Fluid Mechanics
- Mechanical Operations
- Heat and Mass Transfer

Technical Analysis Lab :
- Gas-Liquid Chromatography
- Spectrophotometry

CEESAT (Center for Energy and Environmental Science and Technology) :

An energy center has been established by the Governments of India and the UK to carry out research in energy saving and optimisation.

PROJECTS

Miniaturized compact solar concentrators for water desalination /purification.

Developing suitable pedagogical methods for various classes, intellectual calibers and research in e-learning.

Experimental and Numerical Investigation of Gas - solid reaction in a tubular reactor.

Development of Biofouling resistant membranes for Wastewater treatment.

Development of New Polymeric Membranes for Ethanol Separation by Air Gap Membrane Distillation.

Recovery of high value added globular proteins from shrimp waste using aqueous two phase system.

Sustainable Electricity Production in Industrial wastewater using Bio-Electro Chemical System.

Novel Energy Production from Distillery Effluent Treatment by Bio-electrochemical Method.

Direct conversion of Carbon Dioxide to Hydrocarbon fuel using novel Nano photocatalyst.

CURRICULUM

Core subjects
Material Science & Technology
Mechanical Operations
Fluid Mechanics
Chemical Engineering Thermodynamics
Process Calculations
Mass Transfer
Heat Transfer
Process Dynamics and Control
Inorganic Chemical Technology
Bio Chemical Engineering
Process Equipment and Design
Applied Mathematics in Chemical Engineering

Advanced Subjects
Petroleum and Petrochemical Engineering
Computational Fluid Dynamics
Nuclear Engineering
Transport Phenomenon
Process Economics
Nano-Technology
Safety Engineering
Polymer Science and Technology
Process Modeling & Simulation
Energy Engineering
Electrochemical Reaction Engineering
Pipeline Corrosion & Cathodic Protection

Computer Courses
C, C++
AutoCAD
Numerical methods
Design 2
Matlab
ANSYS

Management Subjects
Human psychology and organisational behaviour
Industrial economics and management
Corporate communication

Science Subjects
Physical chemistry
Organic chemistry

CIVIL ENGINEERING

INTRODUCTION

Established in 1964, the Department of Civil Engineering is one of the oldest and finest departments of the Institute. The vision 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 has labs which are equipped with cutting edge machinery and instruments. The highly experienced faculty of the department contribute immensely to academic research. Many research papers have been presented in reputed international conferences by the faculty and the students.

LAB FACILITIES

Structural Engineering Lab :
2000 KN CTM, PUNDIT, Corrosion Analysis Instrument, Covermeter Schmidt Hammer, Actuator.

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

Environmental Engineering Lab :
UV Visible Spectrometer, Atomic Absorption Spectrometer, TOC Analyser, Ion Chromatography, COD Digester, Haz dust particulate moniter, Flue gas Analyser.

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

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

Survey Lab :
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, LVDT, Triaxial, Uniaxial Testing machines and CBR apparatus.

Hydraulics Lab :
Fluid Mechanics and Hydraulic Machinery Turbines, pumps and pipe testing equipment, fume and wave-fume set-up, Notches and flow experiment.

PROJECTS

Replacement of cement with marble dust in concrete.

Experimental studies on applications of tyre chips in subgraph design.

Seismic and wind behaviour of RC water tanks.

Design and analysis of compound HAT and H sheet piles.

Interaction software for Vaigai reservoir operation with inflow prediction using simulation, artificial neural networks.

Urban Pavement Maintenance Management Systems (UPMMS).

Limit State Design of Boiler Supporting Structures.

Pavement Performance Studies on Coir Geotextile Reinforced Rural Roads in Tamil Nadu.

Land use and Land cover Assessment along Tiruchirappalli City using High Resolution Remote Sensing Images.

CURRICULUM

Structural Engineering
Analysis of Structures
Design of Steel Structures
Design of RC Structures
Matrix Analysis of Structures
Concrete Technology
Strength of Materials

Geo-Technical Engineering
Geotechnical Engineering
Advanced Foundation Engineering

Hydraulics Engineering
Mechanics of Fluids
Irrigation & Water Power Engineering
Water Resource Engineering
Hydrology
Coastal Engineering
Ocean Engineering and Materials
Coastal and offshore structures

Transportation Engineering
Railway Engineering
Highway Engineering
Airway Engineering
Waterway Engineering
Traffic Engineering
GIS, GPS & Remote Sensing
Pavement Analysis and Design

Environmental Engineering
Water Supply Engineering
Solid Waste Management
Air and Water Quality Models
Wastewater Treatment

Electives
Structural Dynamics
Earthquake Resistant Structures
Transportation Planning
Water Power Engineering
Models of Air and Water Quality
GIS and Remote Sensing
Forensic Engineering
Steel, Concrete and Composite Constructions

COMPUTER SCIENCE AND ENGINEERING

INTRODUCTION

The B.Tech. course in Computer Science & Engineering is one of the most coveted courses in NIT Tiruchirappalli. The students of the department rank among the elite. The dedicated and highly experienced faculty members impart top quality education. The course has been carefully designed and frequently updated to cover all the aspects of education in this field, including both hardware and software, and caters to the current global demands. It has at its disposal various labs equipped with highly capable workstations and the Octagon Computer Center. It also has an enviable and vast collection of books and other publications related to the world of Computer Science and Engineering.

LAB FACILITIES

CSE Lab :

The CSE Laboratory has around 60 DELL Optiplex 390 based PCs with DELL Power Edge R910 Rack Mount Server which support the LAN to provide a Linux/Windows environment.

RISE Lab :

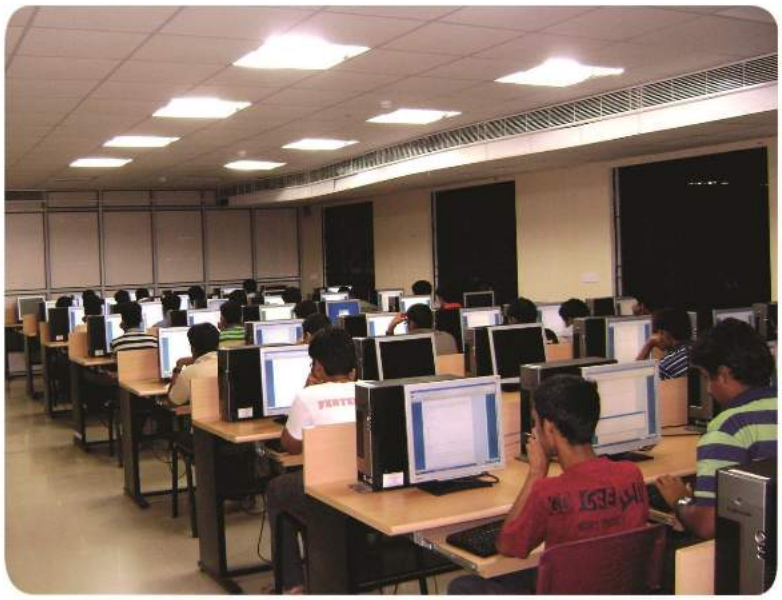
The Reconfigurable & Intelligent Systems Engineering Laboratory is a high end computer laboratory with 16 workstations and two high end systems of 32 GB RAM each.

Microprocessor Lab :

The lab is equipped with 8085 and 8086 Microprocessor training kit. It is used to conduct practical sessions for Digital IC lab and Microprocessor based interfacing lab.

Octagon Computer Center :

The center has over 350 nodes and a half dozen servers. It also has various Solaris based machines, HP DEC Alpha Ultra Sparc, IBM System Storage DS3500 and IBM System 2U Server Rack.



PROJECTS

A Research Project on collaborative Directed Basic Research on Smart and Secure Environment sponsored by NTRO, New Delhi was successfully completed during the period 2007-2012.

Automatic Test Case Generator for evolving Processor architectures.

Page Functions : Developing a Faster Approach to Address Translation.

Bus Architecture for multi-core systems.

Inter-disciplinary research group has been established. Studies on issues in multi-core architecture.

Studies on Big Data Analytics and Hadoop Technologies.

Implementing of Firewall Prototype illustrating the packet filtering mechanism in the proxy system environment.

Design and implementation of interworking unit (IWU) for WLAN-3G Cellular Inter Working.

CURRICULUM

Core Subjects

Data Structures
Introduction to Algorithms
Principles of Programming Languages
Automata & Formal Language
Digital Computer Fundamentals
Operating Systems
Computer Networks
DBMS
Computer Organization
Microprocessor Systems
Software Engineering

Laboratory Practicals

OS Lab (DOS, Windows, GNU/LINUX)
Programming Languages (C, C++, JAVA)
Data Structure Lab
Algorithms Lab
DBMS (Oracle & SQL)
Linear & Digital ICs
Microprocessor & Interfacing
Compiler Design
Network Programming
Web Technology Lab

Electives

Multimedia Systems
Compiler Design
Distributed Computing
AI & Expert Systems
Cryptography
Real Time System
Network Security
Software Quality Assurance
Image Processing
Mobile Computing and Communication

Mathematics

Numerical Computing
Probability Theory
Operations Research
Combinatorics & Graph Theory

PROJECTS

A formal framework for Model Driven Engineering for Integration of Industrial Automation Systems with Applications to Water Networks, funded by ABB.

Design for Electrorheological (ER) Damper based suspension control system, funded by Aeronautics R&D.

Control of Multivariable process using soft computing, funded by DST.

Design and Development of Micro Devices, funded by NPSM-National Programme on Smart Materials.

Solar energy storage using molten salt.

Design and development of flame detector for gas turbines.

Development of piezoelectric energy harvester from shoe vibratos.

Design and analysis of DCDC converters using constant ONTIME control mode.

CURRICULUM

Instrumentation
Sensors and Transducers
Industrial Instrumentation
Biomedical Instrumentation
Electrical & Electronic Measurements
Analytical Instrumentation
Opto-Electronics & Laser Based Instrumentation
MEMS & Nanotechnology

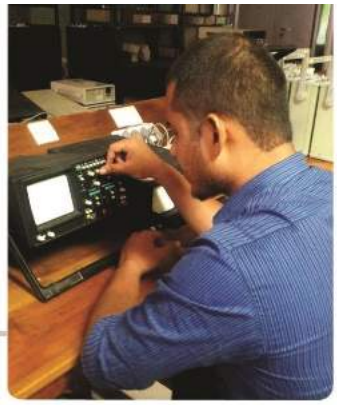
Electrical & Electronics
Analog Electronic Circuits
Digital Techniques
Network Theory
Linear Integrated Circuits
Microprocessors & Microcontrollers
Signals & Systems
Principles of Communication Systems

Control
Control Systems
Modern Control Theory
Logic & Distributed Control Systems
Process Control

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

Electives
Neural Networks, Fuzzy Logic, and Control
Design of Automotive Systems
Virtual Instrument Design
Power Plant Instrumentation & Control
Power Electronics
Advanced Process Control
Digital Control Systems

ELECTRONICS AND COMMUNICATION ENGINEERING



INTRODUCTION

The Department of Electronics and Communication Engineering, since establishment in 1968, has strived to maintain its high standards by revising academic syllabi to suit the industrial requirements. The courses are in sync with the growing demands of the research community. The focus of the curriculum is mainly on "Wireless Communication" & "VLSI System Design". The curriculum is reinforced by sets of elective courses offering specialisation in either Software or Hardware aspect of Communication Systems. The Alumni consistently feed inputs for improvement of the curriculum and research facilities.

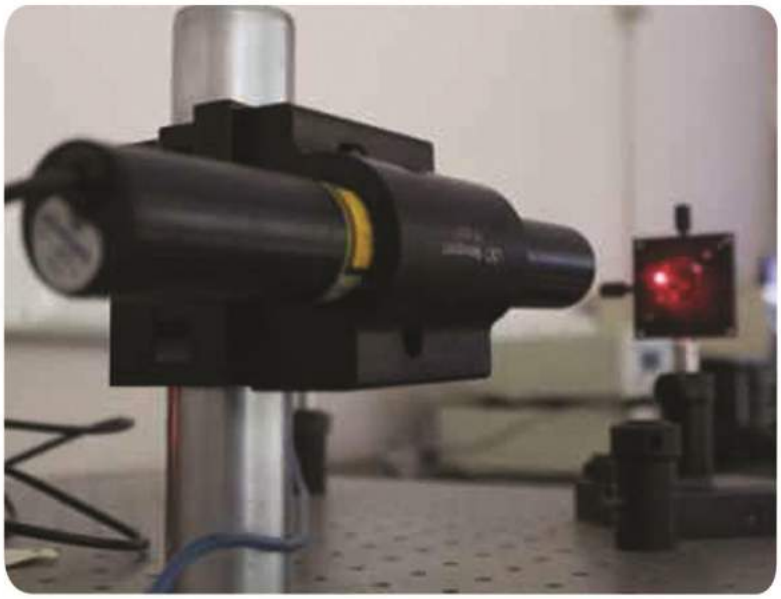
LAB FACILITIES

Wireless Communication Design Lab :
Software : Vector Signal Analyzer software, Simulation software for RF design Environment, COMSIM, System Vue.
Hardware : 1GHZ Mixed Signal 4+16 channel Oscilloscope, Logic Analyzer, Spectrum Analyzer, 6Ghz Vector Signal Generator, 2 Channel Waveform Generator, Digital Communication Training kit, Software Defined Radio Training kit, WARP V3 kit, WiComm-T kit.

Digital Signal Processing Lab :
Software : MATLAB, MEPEE light, DADISP, VIRTUOSOT MRTOS v4.0, Floating Point Processors from Texas Instruments (TMS320C67x, C3x) with Code Composer Studio.
Hardware : Motorola Onyx (56300, 303, 309), HAWK Processors (5600, 003, 009) & 68HC11 Power PCs with Complete Tools.

Microprocessor and Microcontroller Lab :
Microprocessing and Interfacing Laboratory with 8086, Microprocessor 8086 and Microcontroller 8051 & 32-channel Logic Analyzer, ARM Processor, 68HC11 (8 & 16 bit Motorola microcontroller), Keil µvision4, Proteus VSM Simulation, 8051 Trainer kit.

VLSI Design Lab :
Altera, Quartus, NIOS IDE, ORCAD, Foundation Series, Leonardo Synthesizer, SPICE Variants (ELDO Spice), Model Tech Corporation's MODELSIM & SABER, Ultra 10, Cadence & mentor Graphics, Mixed signal kit, Synopsis & Magma Digital kit, Coware Designer.
Hardware : Xilinx FPGAs and CPLDs DSP Development kit, Stratix II & Xtreme (Virtex IV), Spartan IIIE starter kit with I/O interface, Virtex II pro board.



PROJECTS

Design and Implementation of MULTIBAND OFDM UWB transceiver using asynchronous pipelining - Funded by Department of Information Technology (DIT), New Delhi.

Special Manpower Development Project (SMDP) on VLSI design and related software - Funded by Ministry of Information and Telecommunication, Government of India.

Optimisation techniques for System on Chip (SoC) implementation of target recognition system - Funded by Department of Science & Technology (DST), New Delhi.

Development of signal processing systems for core temperature measurement - Funded by IGCAR, Kalpakkam.

Design and implementation of low power analog front end modules for wireless sensor networks.

Low complexity Energy efficient Transceivers for Cognitive Radio System.

CURRICULUM

Wireless Communication
Digital Communication
Mobile Communication

Signal Processing
Signals and Systems
Digital Signal Processing
DSP Architecture
Image Processing
Speech Processing
Statistical Signal Processing

Microwave Electronics
Electrodynamics and EM Waves
Transmission Lines and Waveguides
Antenna and its Propagation
Microwave Components and Circuits
RF MEMS Circuit Design
Principles of RADAR

Embedded Systems
Microprocessors (8086, Pentium) and Microcontroller (8051)
Advanced Microcontroller
ARM System Architecture

VLSI System Design
Digital Circuits and Systems
Low power VLSI Circuits
Design of Cognitive Radio

Solid State Devices & Circuits
Network Analysis and Synthesis
Semiconductor Physics and Devices
Analog Integrated Circuits

Communication Technology
Communication Theory
Optical Communication
Broadband Access Technologies
Satellite Communication

Information Theory
Real Analysis and Partial Differential Equations
Probability and Random Process
Statistical Theory of Communication

ELECTRICAL AND ELECTRONICS ENGINEERING

INTRODUCTION

The Department of Electrical and Electronics Engineering has been a pillar of strength in NIT Trichy and also in the engineering community, since 1964. The department boasts of excellent lab facilities, and courses for electrical, electronics and computer applications which provide ample opportunities for students to practically implement their knowledge, along with a strong emphasis on industry driven curriculum. The dedicated faculty impart training to students not only in the core courses, but also in allied areas such as instrumentation, communication and computer subjects.

LAB FACILITIES

Electrical Machines Lab :
All types of DC Machines (Series-Shunt) and AC Machines (Single phase, Three phase, Synchronous, Induction), single-phase and three phase transformers, measuring instruments of all types needed for the laboratory experiments and also sub-standard meters meant for calibration.

Electronics Lab :
Microprocessors and Microcontrollers Lab, Integrated Circuits Lab and Electronic Circuits Lab. 8085 Microprocessor Training kit, 8051 Microcontroller training kit, 32 Channel Logic analyzers, FPGA kit, Electronic circuits using semiconductor devices including diodes, MOSFETs and BJTs.

Computer Lab :
MATLAB, Simulink, PSpice, ETAP, MiPower, Proteus, MPLab, OrCAD, PSCAD, LabView, Power World Simulator, PSim.

Power Electronics Lab :
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. A number of modules of AC-DC converters, voltage controllers - single phase as well as three phase, DC chopper units and inverters using Power MOSFETs and IGBTs, solid state soft start units for three phase induction motors have been built in the last five years as project works of UG and PG students.

Power Systems Lab :
HVDC Transmission line simulator, Complete scheme for generation protection, Phase Shifter Unit, Short Transmission Line, Long Transmission Line, DC network analyzer, Current injection unit, µP based thyristor controlled compensator (TCSC), µP based static VAR compensator (SVC), µP based numerical over current relay, µP based adaptive power factor controller.

PROJECTS

Dynamic Loading of Conveyer Drive Heads in Mines in association with NLC, Neyveli.

Electrical design and drawing for Indian Naval Academy (Phase-II works) Ezhimala, Kerala in association with IC & SR.

Development of a Micro-Grid Test-bed for Renewable Energy Management Systems.

A Novel Hybrid System for supplying Isolated Loads with FPGA Based Energy Management Scheme.

Study and Implementation of Different Power Saving Techniques for the Efficient Utilization of Air Conditioner by Using Renewable Power Resources.

Design, Development and Analysis of Bio-inspired control strategies for stand-alone solar powered LED lighting Systems.

Maximum Power Extraction from off-shore wind-driven Generators through HVDC Transmission System.

A Pilot Project on Economic Demand Response Management through online monitoring.

CURRICULUM

Electrical Technology

Theory and operation of DC Machines,
AC Machines and Transformers
Transmission and Distribution of
Electrical Energy
Power System Analysis
High Voltage Engineering
Power System Protection and Switchgear
Design of Electrical Apparatus
Power Generation Systems
Networks and Linear Systems
Wind and Solar Electrical Systems
Electromagnetics

Computer Science

C, C++ Programming Languages
Datastructures and Algorithms
Operating Systems
Computer Architecture
Assembly Language Programming
Computer Networking and Graphics
Neural Networks, Fuzzy Logic
and Genetic Algorithms

Electronics

Digital and Analog Electronic circuits
Linear Integrated Circuits
Electronic Measurements and Instrumentation
Power Electronics
Microprocessors and Microcontrollers
VLSI Design
Digital Signal Processing
Prinicples of Communication Systems
Classical and Modern Control Systems

INSTRUMENTATION AND CONTROL ENGINEERING

INTRODUCTION

The Department of Instrumentation and Control Engineering was established in 1993. The department has modern labs in the areas of Instrumentation, Sensors and Transducers, Control Systems, Process Control, Embedded Systems, Modelling and Simulation, MEMS and smart structures. Guided by learned and experienced faculty, the department envisages being a world-class school of Instrumentation and Control. It is involved in providing quality education to the students with a dynamic curriculum that caters to the ever-improving industrial & research needs. Students are encouraged to design and develop products to suit the needs of society.

LAB FACILITIES

Electronics & Instrumentation Lab :
Design, testing & simulation of analog & digital circuits, instrumentation systems for process variables.

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

Microcontroller & Embedded Systems Lab :
Programming of interfacing cards for stepper motor, USART, PLC. Design of microcontroller & embedded systems. Data acquisition cards compatible to embedded systems.

Virtual Instrumentation & MEMS Lab :
Creation of virtual instruments, analysis & design of MEMS devices using CAD tools.

Control Systems Lab :
Controller design & analysis, Modelling and simulation of electrical & electro-mechanical systems.

Process Control Lab :
Pilot Processes for temperature, pressure, flow & level control, heat exchanger set-up, PLC, DCS simulator.

BioMedical Instrumentation Lab :
Physiological parameter analysis using Respiratory analyzer, ECG monitoring equipment, blood pressure monitoring system & Blood Glucometer.

MECHANICAL ENGINEERING

INTRODUCTION

One among the first four departments to be established in 1964 in the institute, the Mechanical Engineering Department of NITT has the reputation of being among the finest in the country. Keeping itself up to date with the latest developments and trends and with a team of highly qualified and experienced faculty, the department consistently strives to provide world class facilities for education and research. The department has an excellent industrial interaction and contributes to the industry by offering consultancy services. Students are encouraged to take up projects and training that are essential for their career growth and give them exposure to the requirements of the industries.

LAB FACILITIES

Thermal Engineering Lab : IC Engine test rigs, air compressor test rigs, bio-diesel optimization plant, fuel testing equipment.

Refrigeration and Air-Conditioning Lab : Vapour compression, vapour absorption & air conditioning tutor.

Heat Transfer Lab : Pin-Fin apparatus, guarded hot plate apparatus, heat exchanger, emissivity measurement apparatus, Pool boiling Unit and Radiation errors in Temperature Measurement Device, film and dropwise condensation unit.

Automobile Lab : Auto system assemblies, steering gear box (manual), power steering (hydraulic), full car cut section, car AC & LPG kit, vehicle chassis (heavy & light), motor bikes & scooters, electric two wheelers.

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

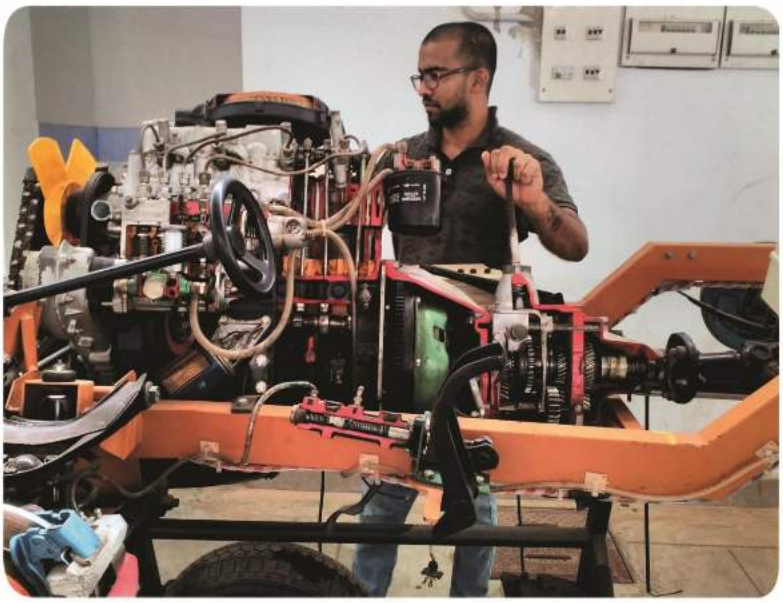
Industrial Safety Lab : Friction Tester, high volume sampler, fire extinguisher with accessories, impact tester.

Fluid Mechanics Lab : e-PIV, Venturimeters, Orifice meters, Pipe friction apparatus, Centrifugal pump, Submersible pump, Jet pump, Reciprocating pump, Gear oil pump, Francis turbine.

Nanotechnology Lab : Experimental setup for nanofluid heat transfer, pool boiling and flow boiling heat transfer facility, Spray coating apparatus, ball mill, spin coating, dip coating, furnace, Sonicator, KD2 pro thermal conductivity apparatus, contact angle meter, surface roughness meter, thermal imaging camera, thickness gauge, abrasive cutting machine and disc polishing machine.

CAD Lab : Pro/ENGINEER (Wildfire), Unigraphics, CATIA, MATLAB, Fluent, Gambit, ANSYS, MAYA, Abacus.

Metrology Lab : Calibration facilities for pressure, temperature and length as per internationally accepted standards, co-ordinate measuring machine, vibrometer, toolmaker's microscope.



PROJECTS

Studies on Growth, Lipid extraction and Biodiesel Conversion Characteristics of Microalgae as a potential alternate fuel for Compression Ignition Engines.

Experimental Studies on a Direct Injection Diesel Engine Using Waste Cooking Oil Based Biodiesel and its blends.

Investigation on Generator Absorber Heat Exchange (GAX) Ammonia – Water Vapour Absorption Refrigeration System with Plate Heat Exchangers.

Experimental investigation of heat transfer enhancement for electronic heat sink coated with vertically aligned CNT and metal nanowires.

Miniaturized compact solar concentrators for water desalination/purification.

Experimental investigation on the performance of thermoelectric generator for industrial waste heat recovery.

Experimental investigation and finite element simulation of Workability of Al-TiC Powder Metallurgy composites during Cold Upsetting.

CURRICULUM

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

General Engineering
Applied Electrical & Electronics Engineering
Mechatronics

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

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 Engineering
Computational Fluid Dynamics
Robot Technology

Management
Industrial Engineering
Behavioral Sciences & Industrial Management
Operations Research

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

METALLURGICAL AND MATERIALS ENGINEERING

INTRODUCTION

The Metallurgical and Materials Engineering department, established in 1967 is ranked among the best in the country. Its highly qualified faculty and advanced laboratories maintain a symbiotic relationship with premier research institutes like IISc (Bangalore), IIT (Madras), CECRI (Karaikudi), WRI (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. Many of the faculty members have got prestigious fellowships like BOYSCAST and awards like Govindaraj Memorial Award.

LAB FACILITIES

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

Corrosion Testing Lab :
Computer controlled Potentiostat and Galvanostat, Facilities for Salt Spray test, Stress Corrosion, Electro and Electroless Plating and other surface treatments, Tribo Corrosion facility, Fretting Corrosion Tester, Salt Spray Test & Cyclic Corrosion Test Chamber.

Welding Lab :
SMAW/GTAW/GMAW/PAW/FRW/CMT power sources and facility for automatic welding, Friction Stir Welding.

Foundry Engineering Lab :
Vacuum Induction melting furnace, Sand Casting Facilities, Aluminium Stir Casting Furnace, Magnesium Melting Furnace.

Mechanical Testing :
UTM, Tensometer, Creep, Fatigue & Hardness testing machines such as Digital Rockwell, BHN/VHN tester, impact tester, formability tester, Modulus measurement unit.

Heat Treatment Lab :
Muffle furnace, Hardenability Test, Box Furnace.

Surface Engineering Lab :
Facilities for room temperature and high temperature Pin-on-Disc wear test, pulse rectifier for composite/nanocoating/alloycoating, multipoint electrochemical surface analyser, scratch tester, High Velocity Oxy-Fuel Coating, Powder Spray Process, Air-Arc Process on substrate.

Metallography :
Scanning Electron Microscope, High resolution microscopes with photographic facilities, Image Analyser, Shaper Machine, Milling Machine and lathe, Electrolytic Etching and Polishing Unit, Disc Polishing, Belt Grinder, Tool Grinder

Process Modelling Lab :
Thermocalc and Dictra packages & databases.

PROJECTS

Development of light weight in-situ Metal Intermetallic Laminates for Defence Applications.

Development of ultra high strength aluminium based in-situ composites by cryo-rolling.

Friction stir welding of high strength materials using double shouldered tool.

Development of nano and metastable magnesium based multi-component alloys.

Nanostructure and Bi-modal nanostructured Aluminium Alloys by Severe plastic Deformation.

Surface Modification of biodegradable magnesium alloys by plasma electrolytic processing for orthopedic implant applications.

Structural Integrity evaluation studies on high speed transmission shaft for turbo engine application.

Development of High Niobium Containing Nanostructured TiAl Intermetallic Compounds by Spark Plasma Sintering and Their structure Property Correlation.

Development of nano-crystalline coating by surface engineering Treatments on SWC Pipelines in NLC Mines.

CURRICULUM

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

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

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

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

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

PRODUCTION ENGINEERING

INTRODUCTION

Established in 1983, the Department of Production Engineering strives towards excellence in the field of Production and Industrial Engineering. 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 & operations management. The department has a central workshop equipped with power tools in carpentry, lathes, milling machines, shaping machines & special machines like Hobbing, EDM, tool & cutter grinder. The faculty of the department play a vital role in academic research. Many research papers have been published in reputed national & international journals.

LAB FACILITIES

Production Workshop :
Centreless Grinding Machine, Universal, Tool and Cutter Grinder, Electric Discharge Machine (EDM), Gear Hobbing, Carpentry Power tool machine, SCORBOT ER IV & V plus HMT STC-15 Turning Centres, HARTFORD Vertical Machining Center, AS/RS, Machine Vision System, Lead Well CNC Turning Centre, Co-ordinate Measuring Machine.

CAD/CAM Lab :
Packages like NICA, Pro/ENGINEER (Wildfire), Unigraphics, 3D Studio V3, Auto CAD Designer, Animator Pro, Master CAM, AutoCAD R-14.

Trainer & Advanced CNC Lab :
Emco PC Turn 55, Emco PC Mill 55,Triac -3-Axis Milling Machine, Emco Compact-CNC, HMT STC-15 Turning Centre, Hardford VMC, Leadwell CNC -Turning Centre.

Micro/Nano Engg. Lab : FIST

LASER Material Processing Workstation : Diode pumped Fiber laser - JK2000F3

LASER Micromachining Workstation : Q-Switched Nd:YAG with MOFA Architecture

Simulation Lab : SimQuick, ARENA, WITNESS, FLEXSIM.

Operations Management : TORA, GAMS, CPLEX, OM Expert.

Data Analytics Lab : SYSTAT, GaBi, SPSS.

Robotics Lab

Composite Processing Lab

Mechatronics Lab

Rapid Manufacturing Lab

Surface Engineering, Tribology and Machinability Studies Lab

PROJECTS

Exploration of Lean tools/techniques for ensuring sustainability in automotive organisations.

Study on effect of Cryorolling AA2219 Al Alloy of FSW.

Thermal Barrier coating using Laser Materials Processing.

Experimental Investigation and Meta Analysis of FSW of Duplex SS Joints.

Improvement of Surface Characteristics through Cryogenic Machining.

Development of Ultra Precision ELID Grinding for Micromachining.

Structrural Integrity Evaluation Studies on High Speed Trans Shaft LW.

Electrical discharge alloying of Ni-WC MMC on D53 Die Steel for wear resistance.

CURRICULUM

Manufacturing Technology

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

Engineering Design

Theory of Machines
Design of Machine Elements
Design of Production Tooling
Finite Element Analysis
Product Development
Rapid Prototyping

Allied Engineering

Thermal Engineering
Fluid & Solid Engineering
Automobile Engineering
Plant Engineering
Mechatronics

Automation and CAD/CAM

Computer Graphics, AI and Expert systems
CNC Machines

Management

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

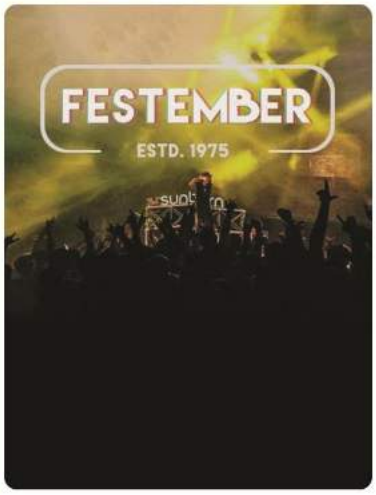
Software

C, C++
Database Management Systems
Mechatronics Software
Hydraulic and Pneumatics Control

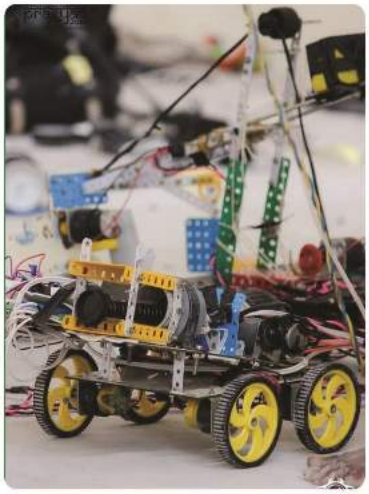
THE OTHER SIDE

FESTEMBER

Festember is the annual cultural festival of NIT Trichy. Every year, students of not only our insitute but those of other colleges also await in pleasure for a fest that is a platform to showcase their talent and also to have fun. Festember 2015 managed to pull a crowd of 15000 students from over 500 colleges across India. With the blessing of the Administration, it had its humble origins in 1975 when a small group of students wanted to provide some other form of entertainment to their peers. It has grown exponentially since then and has never looked back. Till today, Festember has been a completely student run fest and shall continue to do so. Alumni always remember Festember as the pinnacle of their college days and reminisce fondly about it. Apart from being the joyous distraction that it is, Festember also manages to impart important life skills like leadership, time management, and organizational skills to its members who make up the different teams of the fest.



PRAGYAN



Pragyan is the ISO 9001:2008 & 20121:2012 certified International Techno-management Organization of the National Institute of Technology, Tiruchirappalli. Since its inception in 2005, the completely student run festival has been held in the beginning months of the even semester. Pragyan witnesses participants from over 400 colleges across the country, leading to a footfall in the thousands over the three days of fest. With a 700 plus student volunteer force, Pragyan is the first student-run organization in the world and the third overall next only to London Olympics and Manchester United to get an ISO 20121:2012 Certification for Sustainable Event Management. In keeping with the tag line, "Let's Celebrate Technology", everything from sponsorships to associations with other institutions and the organization of the fest are done by the students with the gracious help of the insitute administration. Pragyan at its core strives to show that technology is everyone's cup of tea. It is in this belief that Pragyan is brought out year after year.

NITTFEST

NITTFEST is the annual interdepartmental cultural festival of NIT Trichy. With a history spanning over 20 years, winning NITTFEST has been the ultimate prize for every department. Traditionally organized by pre-final year students, this fest brings to the fore, the skill and talent of the students as they compete with each other in a wide variety of events. Spanning three and a half days, NITTFEST has evolved with every edition, with the latest edition witnessing over 72 events. During this time, the atmosphere is intensely competitive with all departments on a war footing to claim the coveted overall trophy as their own. NITTFEST is a complete cultural extravaganza, with popular events like Choreo night and Manoranjan interspersed with theme related design events and a treasure hunt. Other categories of events include Hindi Lits, English Lits, Tamil Lits, arts and many other standalone events. Every year NITTFEST follows a different theme, and the entire ambience of the fest is created accordingly.

Clubs & Student groups

Here we believe that technical excellence sans social responsibility is of no good. Bearing this in mind the institute has always given utmost importance to imparting social responsibility among its students, through the activities of various clubs and organisations. We have clubs such as **Apekshaa, FSR, PSR, SEC, PPC, HHNITT** that take part in various social activities in our locality.

All the SR clubs come together every year to celebrate india's festival of philanthropy during 2-8, October - Yes, we are talking about HumaNITTy - NITT's own version of **Daan Utsav** or **Joy of Giving Week.**

Recent editions of Daan Utsav have witnessed over 22 outreach events covering science education, augmenting infrastructure in rural schools, caring and sharing with inmates of orphanages and destitute homes and many more.

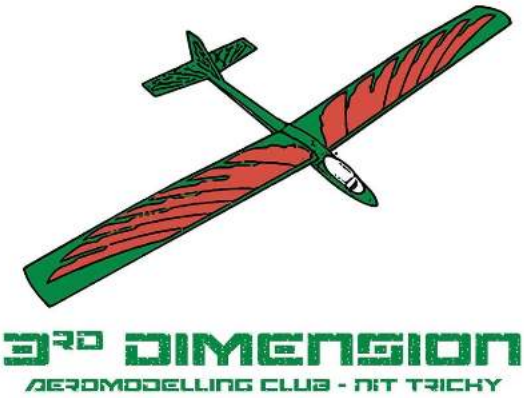
The cross-section of students who drive HumaNITTy is truely unique with participation from UGs, PGs and Ph.Ds making it the most inclusive student run event. Corporates too have chosen to partner with us for soulful deployment of their **CSR budget.**

"Nothing can be bigger than the Joy of Giving. Let us participate in the Joy of Giving Week and help the needy" - Hon'ble PM in Mann ki Baat.

The institute takes great pride in the fact that it houses a mini India.There are no less than ten languages spoken inside the campus. Our students get to learn more about language than any student of linguistics might. It is no wonder that we have very successful language groups that inculcate a love for language amongst the students. Some of the groups that represent various languages are **Aayaam, Tamizh Mandram, Balls by Picasso.** These clubs also celebrate Dandiya Nite, Ugadi, Tamil new year, Onam.

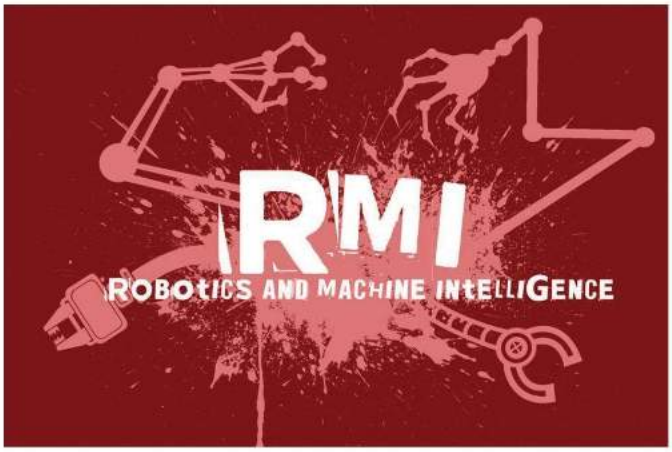
Dance, Music, Drama and Visual Arts are all mediums of expression of feelings of the inner self. They consist of gifted people who display their talents from time to time. These groups conduct various events at regular intervals to propagate the spirit of expression. They have won accolades in several events conducted in different colleges held around the country. Anything that capitvates the eye or that comes across as a pleasing sight, is a source of positive energy for the soul and calms the mind. The various clubs dedicated to Fine Arts like **Dance Troupe, Mustic Troupe, Thespian Society and Fine Arts Club** in the college do just that.

PSI Racing encourages students to think innovatively and invent uniquely. Kick started in 2005, this club has scaled great heights by participating and winning awards in SAE BAJA and SUPRA contests. The members of this club have taken part in Tech-fests across the nation, the major ones being IIT Roorkee, IIT Bombay and IIT Madras, Anna University, NIT Surathkal and VIT Vellore. It forms a platform for implementing the various ideas of science enthusiasts in the campus.



"The Third Dimension" aeromodelling club of NIT Trichy is a relatively new club. The members of the club are active in creating innovative projects in aeromodelling and mechanical field as well as trained to fly an RC airplane. A particular project got recognition by an international organization called "Engineers without borders", and it is ready to fund the project to be implemented on large scale for disaster management of the country.

Office of Alumni Relations is an official body of the institute comprising faculty, RECAL office bearers and students. It aims to bridge the gap between NIT Trichy alumni fraternity and the institute. It hosts several Alumni meets throughout the year. Alumni Guest Lectures, Workshops and Mentorship Programs are also arranged to tap the full potential of the Alumni and to ensure strong student-alumni interaction.



RMI the "Robotics and Machine Intelligence" is the official robotics club of NIT, Trichy. The club comprises around 40 undergraduate students from various departments. This diverse composition of the team makes it possible to do a lot of inter-departmental research-oriented projects. The projects are chosen after in-depth analysis of the cost and effort that the project would take to reach completion within the stipulated time frame.

Feeds the official Institute Magazine of NIT Trichy was founded in 2011, aimed at informing NIT-T about NIT-T. Initiated under the mentorship of the Indian Express, all its content and design has been generated solely by the students. Entering into its fifth year, nearly 3100 copies of the magazine are distributed each month, free of cost to every student and faculty members of NIT-Trichy. Through its articles, Feeds aims to shape institute policy, address pertinent student issues.

TEDxNITTrichy

x = independently organized TED event

TEDxNITTrichy seeks to bring about a change in conventional mindsets and encourage individuals to muster the courage to tread the path less walked on. Their objective is to reach out to all the young minds who want to create new opportunities for themselves through TEDx. TEDxNITTrichy wishes to create a unique platform to spark new ideas and invite completely different perspectives amidst enthusiastic and keen young minds, through a series of extremely inspiring and thought-provoking talks by individuals who, in their own different ways, have proved that life takes shape depending on our own priorities and ambitions.

AIESEC

AIESEC, the world's largest student-run organization, is the international platform for students and recent graduates to explore and develop their potential to have a positive impact on society. Present in over 125 countries and territories and with over 100,000 members, AIESEC is the world's largest student-run organisation. Focused on providing a platform for youth leadership development, AIESEC offers young people the opportunity to be global citizens, to change the world, and to get experience and skills that matter today.

Pixelbug photography

Pixelbug NIT Trichy is a student run photography club, established in 2012 with an aim to inculcate a passion for photography among students. Having started out as a hobby group comprising young and talented photographers, they have grown into a professional club. They have taken their expertise to the streets for many photowalks, promoted tourism across South India. In addition to this, they also carried out various studio shoots.

INCREDIBLE NITT RICHY

The **Incredible NITT Nature Club** is a student group to appreciate, conserve and record the flora and fauna of the amazing NIT-T campus and also explore and learn about the wildlife in and around Trichy and other bio-diversity rich places. The Club has been systematically recording data about birds of their campus over the past three years. As part of the campus bird count (CBC), members of the club sighted over 129 bird species and uploaded their lists on a global bird listing tool.

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 institute 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 their 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 facilities for online tests will be arranged upon prior intimation. Conveyance from/to airport or railway station is arranged by the department. Accommodation 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. In case the company executives wish to stay outside the campus, all arrangements for their accommodation will be made but 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.

Organises & coordinates campus placement program to fulfil its commitment of a career to every aspirant.

Helps every student define their career interest through individual expert counselling.

Makes available updated database and job profile of the companies and thus helps each student analyse and choose a company of his interest. The department has in its active file database of nearly 500 companies.

Works toward continuing education for the employees.

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 trend.

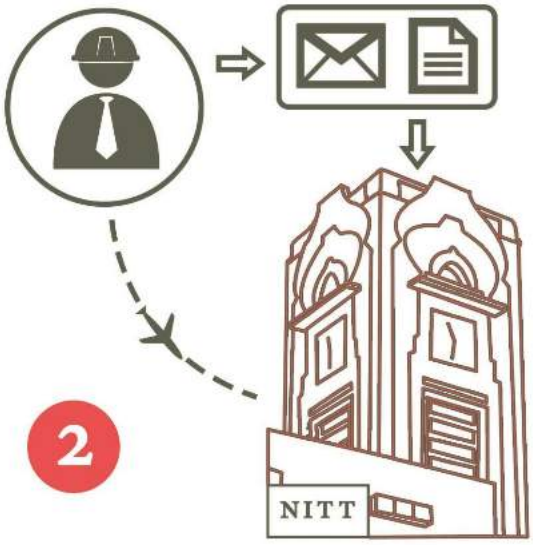
Placement Process

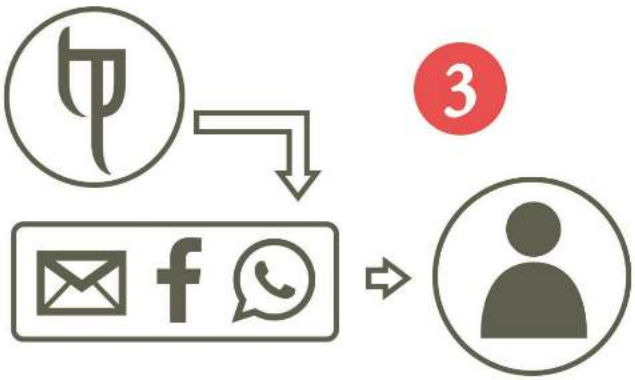
Invitation

The Placement Office sends invitations to companies/organisations along with UG and PG brochures and Pre Visit Response (PVR) sheet through mail.

Revert with Pre visit response

Interested companies will revert with filled-in Pre Visit Response (PVR) sheet which contains details such as job description, streams, eligibility criteria, compensation details and selection procedure.

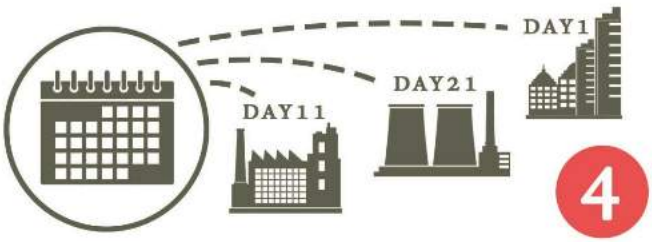




Students are Notified

Students are notified about the company requirements and the list of the interested candidates will be collected and the same is forwarded to the company.

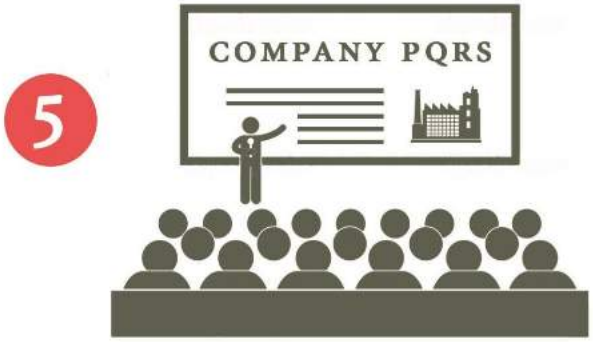
Dates will be alloted for the selection process on campus

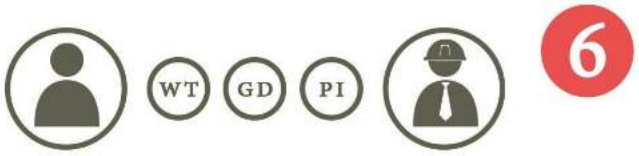


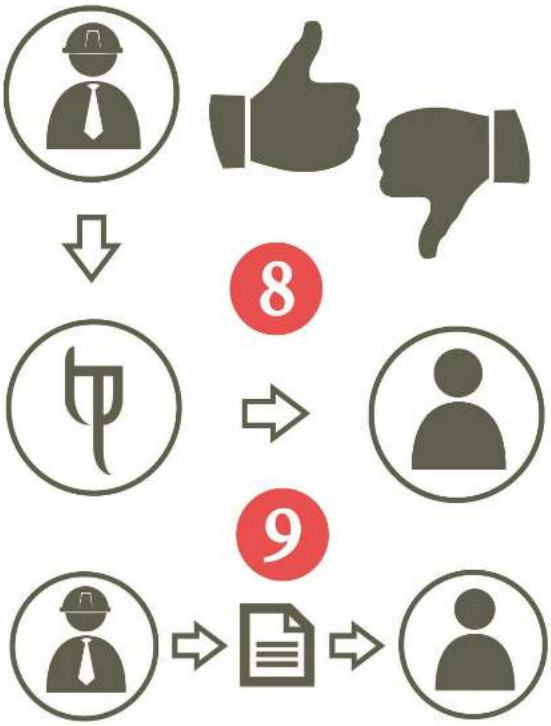
PPT and Placement process

The Training and Placement Department will provide audio visual requirements such as laptops and LCD projectors for Pre- Placement talk before the placement procedure begins.

Pre-Placement talk is followed by the placement process as per the company's requirements.







Results, Offer Letters

After the completion of the placement process, the company is required to give the list of the selected candidates to the Training and Placement Department on the same day itself.

Offer letters can be sent to Training and Placement Department to the address mentioned in the last page of the brochure through courier.

Training and Placement Department conducts several activities for the benefit of students throughout the year.

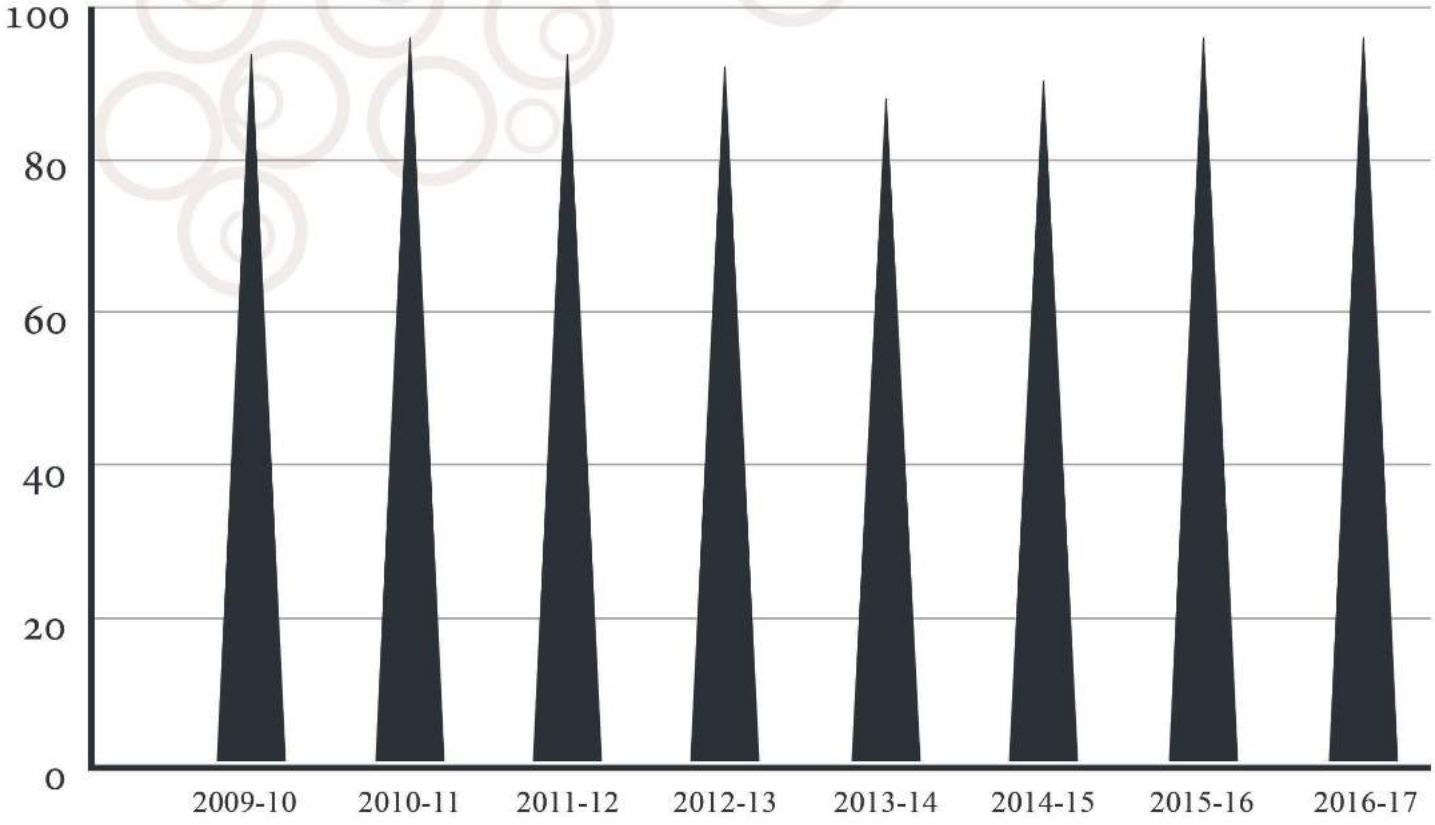
Campus Placement Coaching (CPC)
An intensive coaching is given to the students in pre-final year which will help in improving their interpersonal and technical skills.

Resume verification
All the resumes will be verified for the authenticity by the Training and Placement Department.

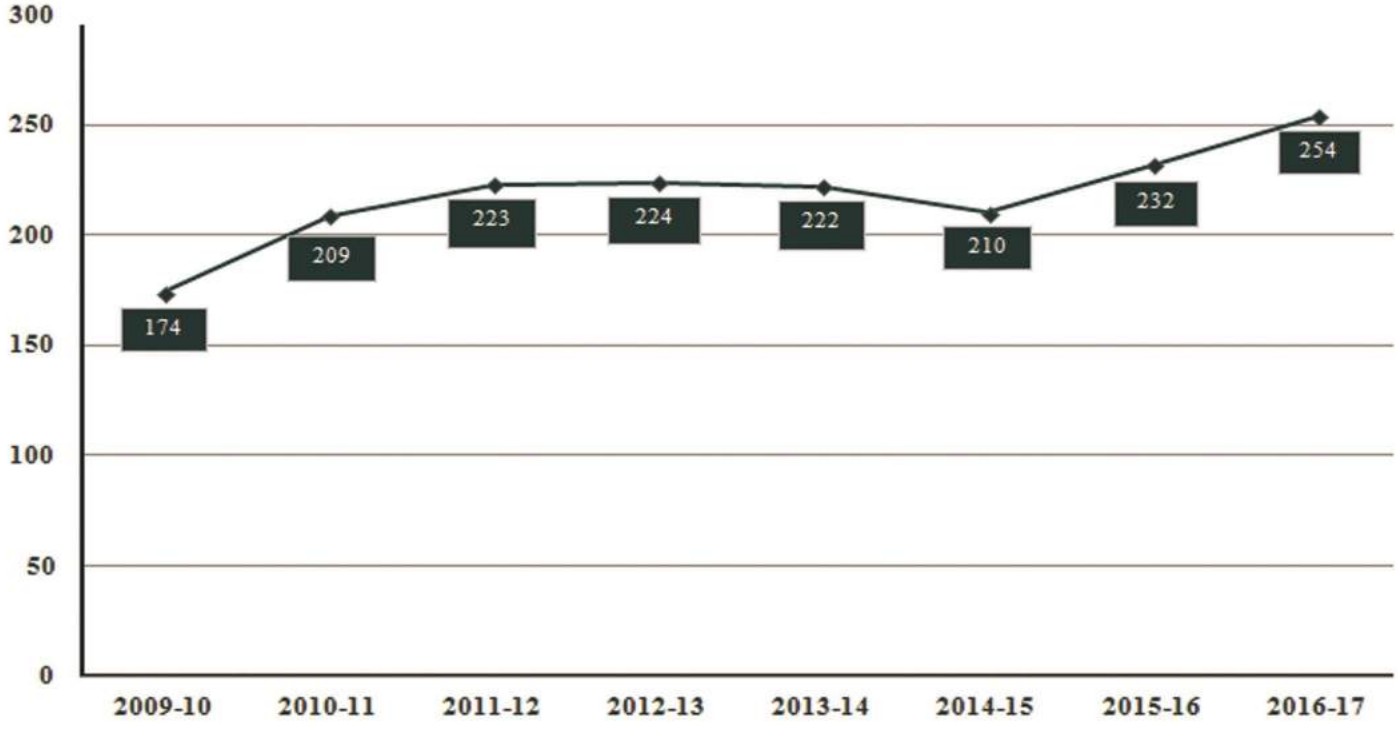
As a part of placement coaching the Training and Placement Department conducts aptitude, verbal and technical test; Group discussions and Personal Interviews.

Placement Statistics

Overall Placements



Companies Visiting



Our esteemed recruiters

पावरग्रिड
Cargill
HYUNDAI
BUREAU VERITAS
SIEVERT
Microsoft
FOSTER WHEELER
citi
ओएनजीसी
ONGC
HILTI
RENAULT NISSAN
adani
CAIRN
ISUZU
NEVER STOP
ZS
YOKOGAWA
JK TYRE
STUP Consultants Pvt. Ltd.
ROHM
SEMICONDUCTOR
Fidelity
INVESTMENTS
VKL
Behind every great taste
GAIL
GAIL (India) Limited
FIAT
QUEST
BORN TO ENGINEER
YAZAKI
ZF
VOLVO
riverbed
ALSTOM
ch2m:
RBL BANK
apno ka bank
ebay
Eni Saipem
Reliance
Industries Limited
SAMSUNG
J.P.Morgan
iRunway
Deeper Insight. Better Outcomes
SONATA
SONATA SOFTWARE
symantec.
TOSHIBA
Leading Innovation
Shell
PEPSICO
vmware
SAF
Schneider
Electric
verizon
QUALCOMM
ZOHO
DCP
Mercedes-Benz
vedanta
TVS
TATA
PRAKASH KOCHAR
& CO. CHARTERED ACCOUNTANTS
P&G
NOVARTIS
TEXAS INSTRUMENTS
Technip
SanDisk
Alcatel·Lucent
TEJAS NETWORKS
THOROGOOD
Get the full picture
INDIA
Schlumberger
BOSCH
Invented for life
CATERPILLAR
ARISTA
TATA CONSULTING ENGINEERS LIMITED
DP WORLD
PayPal
SAP
HONDA
ACS
PATHPARTNER
Bharat Petroleum
TARGET
flipkart.com
एनटीपीसी
NTPC
A Maharatna Company
Tech Mahindra
IBM
BAJAJ
Distinctly Ahead
freescale
semiconductor
Fiorano
सी डैक
CDAC
FEEDBACK INFRA
Making Infrastructure Happen
radisys
WS Atkins
IXAR
EXPERIENCE... OUR EXPERTISE
KANTAR IMRB
Walmart
Arcesium
مجموعة نايل للمقاولات العامة
NAEL GENERAL CONTRACTING GROUP
TERADATA
AMERICAN EXPRESS
TRIDENT GROUP
WIPRO
Applying Thought
sandvine
FIITJEE
GARIT
Training Tomorrow's Engineers Today
कोल इंडिया
Coal India
EZE SOFTWARE GROUP
Thirumalai Chemicals Ltd.

How to reach

Flight Timings

Chennai to Trichy

Flight Number	Airline	Departure	Arrival
1x-682	AIR INDIA EXPRESS	1:30	2:30
9w-2405	JET AIRWAYS	13:40	14:40
9w-2750	JET AIRWAYS	10:25	10:25
9w-2789	JET AIRWAYS	20:25	21:30

Trichy to Chennai

Flight Number	Airline	Departure	Arrival
1x-681	AIR INDIA EXPRESS	13:10	14:05
9w-2406	JET AIRWAYS	15:10	16:15
9w-2751	JET AIRWAYS	12:00	13:10
9w-2790	JET AIRWAYS	22:00	23:00

NIT Trichy is situated 20 km from the city of Trichy on the Trichy - Thanjavur highway. Trichy, being located at the geographic centre of the State of Tamil Nadu, is well connected by rail, road and air.

Train Timings

Chennai to Trichy

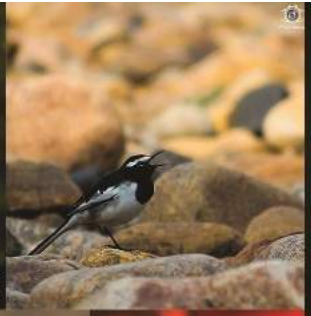
Train Name	Dep	Arr	Duration
12605 PALLAVAN EXP	15:45	20:26	04.41
12635 VAIGAI EXP	13:20	18:30	05.10
12633 KANYAKUMARI EXP	17:30	22:50	05.20
16713 RAMESWARAM EXP	17:00	22:25	05.25
16127 MS GURUVAYUR EXP	07:40	13:10	05.30
12693 PEARL CITY EXP	19:15	00:50	05.35
12637 PANDIAN EXP	21:20	03:00	05.40
12661 POTHIGAI EXP	20:55	02:35	05.40
12631 NELLAI EXP	20:10	02:05	05.55
16723 ANANTAPURI EXP	19:35	02:15	06.40
16177 ROCK FORT EXP	22:30	05:30	07.00
16105 TIRUCHENDUR EXP	16:05	23:35	07.30
16101 RAMESWARAM EXP	21:40	05:20	07.40

Trichy to Chennai

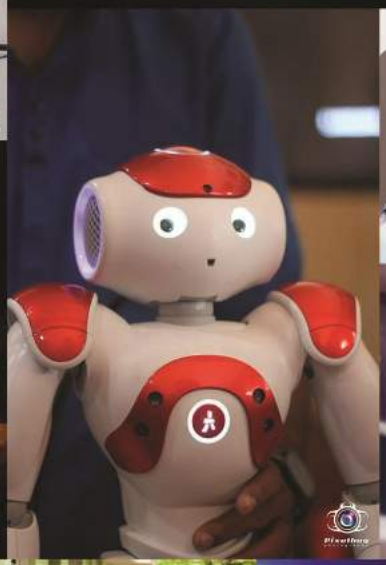
Train Name	Dep	Arr	Duration
12606 PALLAVAN EXP	06:30	12:10	05.40
12636 VAIGAI EXP	09:00	14:40	05.40
12634 KANYAKUMARI EXP	00:35	06:50	06.15
16714 RAMESWARAM EXP	01:50	08:20	06.30
16128 GURUVAYUR EXP	14:10	21:15	07.05
12694 PEARL CITY EXP	01:30	07:45	06.15
12638 PANDIAN EXP	23:10	05:35	06.25
12662 POTHIGAI EXP	00:20	06:40	06.20
12632 NELLAI EXP	01:05	07:10	06.05
16724 ANANTAPURI EXP	02:00	08:40	06.40
16178 ROCKFORT EXP	22:25	05:15	06.50
16106 TIRUCHENDUR EXP	03:30	11:25	07.55
16102 RAMESWARAM EXP	22:35	06:30	07.55

Train Name	From	To	Dep	Arr	Duration	Days of Operation
12651 TN SAMPARK KRANTI EXP	TPJ	NZM	03:00	18:00	39.00	SUN, TUE
12652 TN SAMPARK KRANTI EXP	NZM	TPJ	07:15	00:30	41.15	TUE, THU
12641 TIRUKKURAL EXP	TPJ	NZM	03:00	18:00	39.00	THU, SAT
12642 TIRUKKURAL EXP	NZM	TPJ	07:15	00:30	41.15	MON, SAT
16787 TEN JAMMU EXP	TPJ	NDLS	22:35	21:40	47.05	MON, FRI
16688 NAVYUG EXP	NDLS	TPJ	14:15	16:45	50.30	FRI
16318 HIMSAGAR EXP	NDLS	TPJ	14:15	11:45	45.30	TUE
11043 LTT-MADURAI EXP	LTT	TPJ	00:15	08:35	32.20	FRI
11044 MADURAI-LTT EXP	TPJ	LTT	20:50	05:45	32.55	SAT
16351 BALAJI EXP	CSTM	TPJ	12:10	19:00	30.50	TUE, SAT
16352 BALAJI EXP	TPJ	DR	12:30	20:19	31.49	SUN, THU
12663 HOWRAH TPJ SF EXP	HWH	TPJ	16:10	04:15	36.05	SUN, THU
12664 TPJ HOWRAH SF EXP	TPJ	HWH	16:00	03:20	35.20	TUE, FRI
12665 HOWRAH CAPE SF EXP	HWH	TPJ	16:10	04:25	36.15	MON
12666 CAPE HOWRAH SF EXP	TPJ	HWH	16:00	03:20	35.20	SAT
16231 MAYILADUTHURAI-MYSURU EXP	TPJ	SBC	20:35	05:50	09.15	DAILY
16232 MYSURU-MAYILADUTHURAI EXP	SBC	TPJ	19:00	03:55	08.55	DAILY
17315 VASCO VELANKANNI EXP	YPR	TPJ	23:30	08:10	08.40	TUE
17316 VELANKANNI VASCO EXP	TPJ	YPR	03:10	13:30	10.20	WED

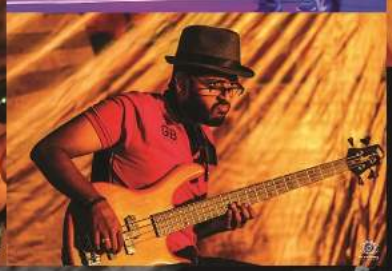
STUDENT LIFE



V
I
B
G
Y
O
R
sunburn



amazon



Dr. A.K. Bakthavatsalam
Professor & Head
Department of Training & Placement
National Institute of Technology
Tiruchirappalli - 620015

Tel : 0431- 2501081, 2503781, 2503788
E-mail : tp@nitt.edu, tnp.nitt@gmail.com
Fax : 0431- 2501081