NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI

UNDERGRADUATE
PLACEMENT BROCHURE 20 - 21

WHY RECRUIT AT NIT TRICHY?

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 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.

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 (2019).

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

CONTENTS

AWARDS

Best Innovation Club
Hon'ble President of India Shri Ram Nath Kovind
Festival of Innovation and Entrepreneurship (FINE) 2018

Excellence in Employability
12th FICCI Higher Education Summit 2016

National Excellence Award for Serving Social Cause
10th ASSOCHAM Education Awards 2017

FICCI University of the Year
FICCI National Education Summit 2018

Ranked First among NITS
National Institutional Ranking Framework (NIRF) 2020
Union Ministry of Human Resource Development

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

HULL Award for the Best Industry - NIT/IIT/IIIT
CII 2015

FICCI Higher Education Excellence Award Social Excellence
FICCI National Education Summit 2015

Top Ten Colleges of India
Outlook Ranking 2015

INFRASTRUCTURE

Clock tower

Convention centre

Hospital

Central Library

Cafe Coffee Day

Helipad

Siemens Lab

02

INFRASTRUCTURE

MIG-23

Ojas

Octagon

Orion

Lecture Hall Complex

Sports Complex

Swimming Pool

ARCHITECTURE

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 T165C) workstations with the following software - Autodesk Design Suite 2015, Adobe Master Collection CS6, Lumion 5, I.E.S 5, Autodesk Ecotect,

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.

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CHEMICAL ENGINEERING

Established in 1967, 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 :
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 Cap Membrane Distillation.

CIVIL ENGINEERING

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 CTY PUNDIT, Corrosion Analysis Instrument Covermeter Schmidt Hammer, Actuator.

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

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

Survey Lab :
Micro-Optic Theodolite, Laser Theodolite, Auto-level, Digital Planimeter 6 Electronic Total Station.

Soil Mechanics Lab :
Motorised triaxial testing machine, Motorised direct shear equipment, Load cell, [VDT, Triaxial, Uniaxial Testing machines and CBR apparatus.

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

COMUPUTER SCIENCE ENGINEERING

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 21J 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.

ELECTRONICS AND COMMUNICATION ENGINEERING

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 : IGHZ Mixed Signal 4+16 channel Oscilloscope. Loot Analyzer. Spectrum Analyzer, 6Chz 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.Q Floating Point Processors from Texas Instruments (TMS320C67& 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 pvision4, 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 Graphcs, Mixed signal kit, Synopsis Magma Digital kit, Coware Designer. Hardware : Xilinx FPCAs and CPLDs DSP Development kit, Stratix II Xtreme (Virtex IV), Spartan IIIE starter kit with I/O interface, Virtex II pro board.

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, FPCA kit, Electronic circuits using semiconductor devices including diodes, MOSFETs and BITS.

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, ICBTs 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 ICBTs, solid state soft start units for three phase induction motors have been built in the last five years as project works of UC and PC students.

INSTRUMENTATION AND CONTROL ENGINEERING

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.

Bio-Medical Instrumentation Lab :
Physiological parameter analysis using Respiratory analyzer, ECC monitoring equipment, blood pressure monitoring system & Blood Glucometer.

MECHANICAL ENGINEERING

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 89 LPG kit, vehicle chassis (heavy & light), motor bikes 89 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.

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

METALLURGICAL AND MATERIALS ENGINEERING

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 Covindaraj Memorial Award.

LAB FACILITIES

Powder Metallurgy :
Induction Sintering Furnace, Friction Press, Centrifugal Ball Mill, Planetary Ball Mill, Clove 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/CTAW/CMAW/PAW/FRW/CMT power sources and facility for automatic welding, Friction Stir Welding.

Foundry Engineering Lab :
Vacuum Induction melting furnace, Sand Casting Facilities.

Mechanical Testing :
UTM, Tensometer, Creep, Fatigue & Hardness testing machines such as Digital Rockwell, BHNNHN 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.

PRODUCTION ENGINEERING

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 89 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 Centre; 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 2-14.

Trainer & Advanced CNC Lab :
Emco PC Turn 55, Emco PC Mill 55, Triac -34xis Milling Machine, Emco Compact-CNC, HMT STC-15 Turning Centre Hardford VMC, Leadwell CNC -Turning Centre.

LASER Material Processing Workstation : Diode pumped Fiber laser – JK2000F3

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

Simulation Lab : ARENA WITNESS, FLEXSIM.

Operations Management : TORA CAMS, CPLEX, 0M Expert.

Data Analytics Lab : SYSTAL Gabi, SPSS
Robotics Lab
Composite Processing Lab

THE OTHER SIDE

FESTEMBER

Festember is the annual cultural festival of NIT Trichy Every year, students of not only our institute 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 is the ISO 9001:2008 6 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 institute 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.

PRAGYAN

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.

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.

ENTREPRENEURSHIP CELL
NIT TRICHY

Estd in 2005, **E-Cell NIT Trichy** has always strived to foster the spirit of entrepreneurial thought and enterprise into the talented minds in our campus. Whether be it through events, guest lectures, workshops, the underlying principles have always remained the same, driven forward by a dedicated team of 60 strong individuals every year. With the scale of what we aim to accomplish only growing with every passing year, we hope to inspire a new generation of students to take us to greater heights.

As the official Web Team and programming club of NIT Trichy, **Delta Force NIT Trichy** develops and maintain the institute's official website and handle web related activities of the institute's festivals including the cultural fest, Festember and the technical fest, Pragyan. The club also conducts events and workshops on an annual basis.

DELTA

CLUBS AND STUDENT GROUPS

PSI Racing, the science and technology club, encourages students to think innovatively and invent uniquely. Kick started in 2005,this club has scaled great heights in the competitive technical field. The members of this club have taken part in Tech-fests across the nation,the major ones being-IITs in Roorkee, Mumbai and Chennai,Anna University, NIT Surathkal and VIT. It forms a platform for implementing the various ideas of science enthusiasts in the campus.

Spider, the Research and Development Club of NIT Trichy is a cluster of like-minded individuals pursuing projects in some of the booming sectors of Artificial Intelligence, Electronics and Computer Technology. Over the years, Spider has grown leaps and bounds with some of its projects being taken over by the industry. Moreover, Spider has a distinguished set of alumni around the globe who've turned into entrepreneurs by laying the foundation for their start-ups.

180 DC NIT Trichy is established by a group of high-achieving and creative students to drive a change in the society by helping non-profits. The team is highly explorative and committed to creating an impact in the community. 180 DC NIT Trichy assists non-profits to unleash their full potential and expand their services. At the same time, we encourage exceptionally talented students from the university to follow their passion and provide a platform to become future leaders.

CLUBS AND
STUDENT GROUPS

Feeds the official Institute Magazine of NIT Trichy was founded in 2011, aimed at informing NIT-T about NIT-I 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 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.

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.

CLUBS AND STUDENT GROUPS

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 captivates 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**, **Music Troupe**, **Thespian Society** and **Fine Arts Club** in the college do just that.

"**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.

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.

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 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.
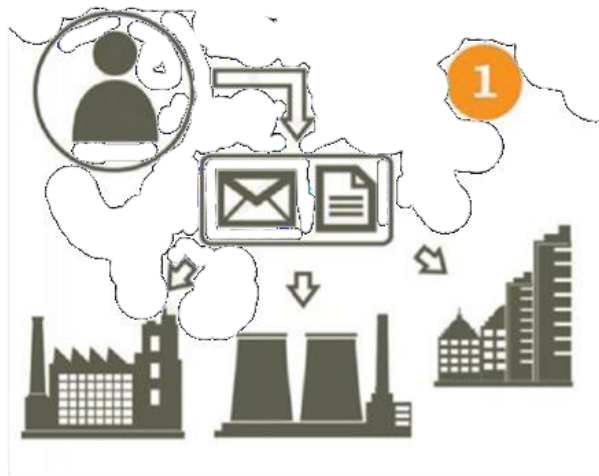

FUNCTIONS AND RESPONSIBILITIES

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
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.

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.
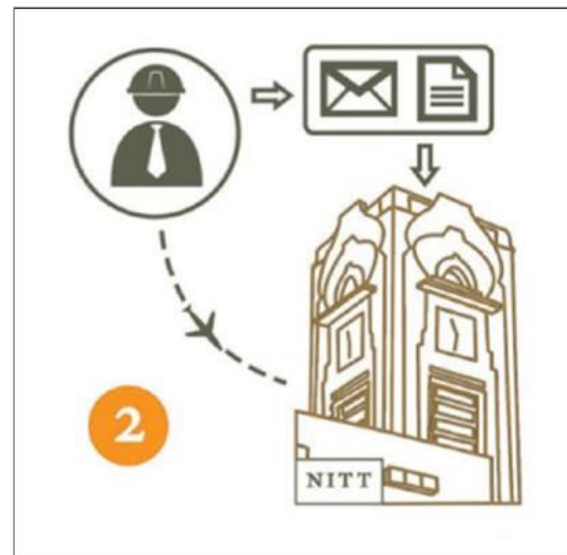
INVITATION

The Placement Office sends invitations to companies/ organisations along with UC and PC 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

RECRUITMENT PROCESS

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.
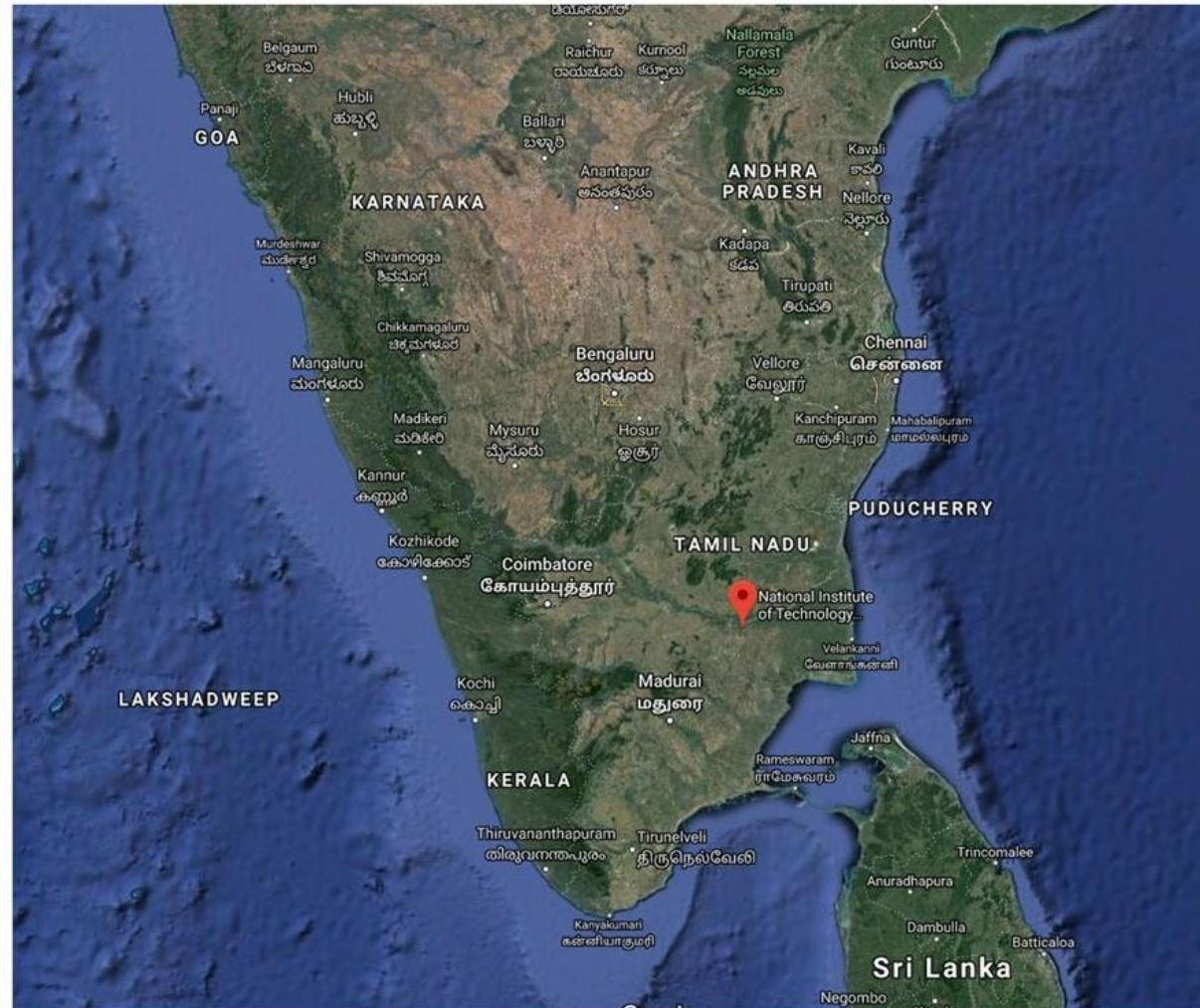
HOW TO
REACH?

CAPSTONE

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

HOW TO
REACH?

TRAINS

Train No.	Name	Departure Stn (Time)	Arrival Stn (Time)	Trip Time
12635	Vaigai Express	Chennai Egmore (13:20)	Tiruchirappalli (18:30)	5h 10m
16713	Rameswaram Express	Chennai Egmore (17:00)	Tiruchirappalli (22:25)	5h 25m
12633	Kanyakumari Express	Chennai Egmore (17:30)	Tiruchirappalli (23:00)	5h 30m
12605	Pallavan Express	Chennai Egmore (15:45)	Tiruchirappalli (21:20)	5h 35m
12637	Pandian Express	Chennai Egmore (21:20)	Tiruchirappalli (03:10)	5h 50m
12693	Pearl City Express	Chennai Egmore (19:15)	Tiruchirappalli (01:10)	5h 55m
12667	Nagercoil Express	Chennai Egmore (18:50)	Tiruchirappalli (00:45)	5h 55m
16177	Rock Fort Express	Chennai Egmore (22:30)	Tiruchirappalli (05:30)	7h 0m
06035	Tuticorin Express	Chennai Egmore (22:45)	Tiruchirappalli (05:55)	7h 10m
22623	Madurai Express	Chennai Egmore (22:45)	Tiruchirappalli (05:55)	7h 10m
16735	Tiruchendur Express	Chennai Egmore (16:05)	Tiruchirappalli (23:35)	7h 30m
16853	Trichy Express	Chennai Egmore (08:15)	Tiruchirappalli (16:35)	8h 20m
16232	Mailaduturai Exp	Bangalore City (19:15)	Tiruchirappalli (03:55)	8h 40 m
22497	Tpj Humsafar Sup	Bangalore City (03:55)	Tiruchirappalli (11:20)	7h 25m

HOW TO
REACH?
FLIGHTS

Departure (Time)	Arrival (Time)	Flight Name	Route
4:56 am	6:25 am	IndiGo 7143	MAA - TRZ
9:30 am	11.00 am	IndiGo 7145	MAA - TRZ
1:15 pm	2:15 pm	Air India 9555	MAA - TRZ
2:46 pm	4:05 pm	IndiGo 7147	MAA - TRZ
3:35 pm	4:45 pm	IndiGo 7147	MAA - TRZ
6:36 pm	7:50 pm	IndiGo 7149	MAA - TRZ
10:30 am	11:50 am	IndiGo 7162	BLR - TRZ

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TEAM

UNDERGRADUATE

Sufyaan Mohamed
Chemical Engineering

Harsh Raj Singh Parihar
Mechanical Engineering

C Dhayanand
Civil Engineering

Amogh Agrawal
Instrumentation & Control Engineering

Keerthana J
Instrumentation & Control Engineering

Nivedita Mahesh
Production Engineering

G Someshwar
Computer Science Engineering

Gowtham Raj S
Electronics & Communication Engineering

Reo Paul Jackson
Production Engineering

Ashutosh Shukla
Architecture

Pramod Gopinath
Electrical & Electronics Engineering

S S Aravind Vittal
Metallurgical & Materials Engineering

Dr. AK 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