



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI

● PLACEMENTS BROCHURE





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DR. NARASIMHA SARMA NVS

Director, IIIT Tiruchirappalli

01

FROM THE DIRECTOR'S DESK,

Indian Institute of Information Technology Tiruchirappalli (IIIT) is an initiative under the Public Private Partnership (PPP) model with a primary focus on addressing the challenges faced by the Indian IT industry and the growth of the domestic IT sector. IIIT attracts students from all over the country and abroad. The purpose of an institution of higher learning is to impart/inculcate the best of the academic experience in a chosen discipline with specialized knowledge in the core curriculum for the initial 2 years and industry expertise within the last 2 years. IIIT evolves into a milieu that dedicates itself to shaping the students into better human beings and employable professionals with local skills for global needs. The academic and internship opportunities encourage student initiatives by engaging them in cutting-edge technology research to meet the current needs and future challenges of India and the world at large. The institute imparts Information Technology education with practical experience to students who will be future leaders with the ability to work in challenging situations. A major objective in establishing IIIT is to set up a model of education which can produce best-in-class human resources in IT and harness the multidimensional facets of IT. While the number of students produced would be small, the impact they create would be great.

Dear Recruiters, I am glad to invite you to recruit for the batch of 2025. I believe that graduates of IIIT are talented enough to be your professional partners in the future.



DR. G. DEVASEENA

Placement Coordinator, IIT Tiruchirappalli

02

FROM THE TPO,

The Training and Placement Cell of IITT provides intensive opportunity through encouraging students to participate in trainings and workshops to develop their professional and soft skills. The rigorous training as part of the curriculum enables each one of the students to gain first-hand IT sector. The T&P primarily engages itself in accomplishing a suitable place in the corporate sector. It also constantly explores remarkable opportunities to afford students with better background to improve their technical knowledge. In addition, it conducts internship activities, motivates participation in hackathon competitions, encourages club activities and provides hands-on experience in organizing events such as sports events to improve students' confidence, communication ability, professional skills, and be job-ready. I am grateful to the organizations which co-operated, extended and contributed for giving an extraordinary opportunity to T&P Cell to fulfil its responsibilities. This year, I present you the exceptional candidates/graduates for recruitment at your reputed organizations. Thanks in advance for your sincere endeavour and co-operation to give an opportunity to present their abilities



VISION

To achieve
“World Class Excellence in Information
and Communication Technology”

MISSION

To impart Information
Technology education to
students and future leaders.

To establish a Center of
Excellence in Information
Technology.

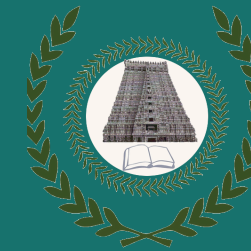
To engage in cutting-edge technology
research to meet the current needs
and future challenges of India and the
world at large.

03



COURSE STRUCTURE

COMPUTER SCIENCE AND ENGINEERING



CORE

Introduction to Computer Programming

Digital System Design

Data Structures

Discrete Structures

Design and Analysis of Algorithms

Programming Paradigms

Computer Organisation and Architecture

Object Oriented Programming (C++)

DAA Laboratory

Programming Paradigms Laboratory

Object Oriented Programming Laboratory

Probability, Statistics and Queuing Theory

Data Communication and Computer

Networks

Operating Systems

Automata and Formal Languages

Microprocessor and Microcontrollers

OS Laboratory

Microprocessor and Microcontrollers

Laboratory

Operations Research

Compiler Design

Database Management System

Artificial Intelligence

Compiler Design Laboratory

DBMS Laboratory

Professional Ethics

Software Engineering

Internetworking Protocols

Web Technology

Technical English

Networks Laboratory

Web Technology Laboratory

Machine Learning

Machine Learning Laboratory



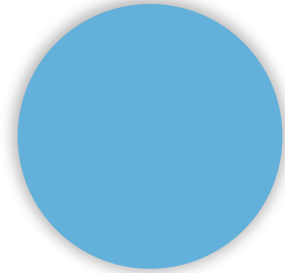
COMPUTER SCIENCE AND ENGINEERING

Electives



Hardware

- Advanced Computer Architecture
- Parallel Architectures and Programming
- Embedded Systems
- Principles of Processor Design
- GPU Computing
- Quantum Computing
- Architecture of High Performance Computers



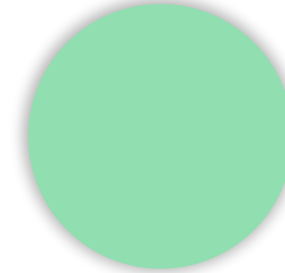
Software

- Object Oriented Analysis and Design
- Software Testing
- Real Time Systems
- Soft Computing
- Computer Graphics
- Natural Language Processing
- Software Project Management
- Virtual Reality
- Pattern Recognition
- Design Thinking



Database

- Data Mining and Data Warehousing
- Multimedia Systems
- Advanced DBMS
- Social Network Analysis
- Big Data Analysis
- Data Science



Networks & Security

- Combinatorics and Graph Theory
- Cloud Computing
- Mobile Computing
- Principles of Cryptography
- Network Security
- Information Security
- Malware Analysis and Detection
- Block Chain Techniques

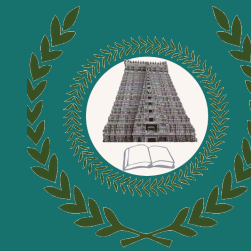


Programming

- Unix Programming
- Advanced Java Programming
- Randomized Algorithms
- Mobile Application Development

COURSE STRUCTURE

ELECTRONICS AND COMMUNICATION ENGINEERING



CORE

Introduction to Computer Programming
Digital Principles and System Design
Solid-State Devices
Electronic Circuits
Network Analysis & Synthesis
Signals and Systems
Data Structures and Algorithms
Electronic Circuits Laboratory
Electrical Networks Laboratory
Probability and Random Processes
Embedded Systems
Analog Integrated Circuits
Communication Theory
Control Systems

Computer Networks
Embedded Systems Laboratory
Analog Integrated Circuits Laboratory
Professional Ethics
Engineering Electromagnetics
Antenna and Wave Propagation
VLSI System Design
Digital Communication
Digital Communication Laboratory
VLSI Design Laboratory
Digital Signal Processing
Optical Communication
RF and Microwave Engineering
Technical English

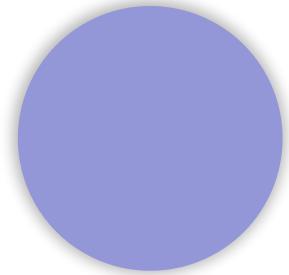
Digital Signal Processing Laboratory
Wireless and Cellular Communication
Wireless and Cellular Communication
Laboratory





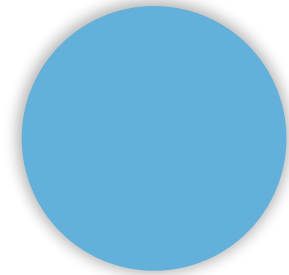
ELECTRONICS AND COMMUNICATION ENGINEERING

Electives



Devices and Circuits

Analog IC Design
Analog CMOS Design
Mixed-Signal Circuit Design
High Speed Communication
Circuits and Systems
FPGA Based System Design
Asynchronous System Design
Formal Methods for System
Verification Physical Design
Automation
Nanoelectronics



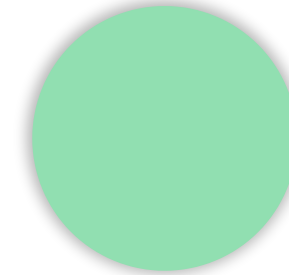
VLSI

Introductino to VHDL/Verilog
DSP structure for VLSI
Design of ASICs
VLSI System Testing
Process and Fabrication
Technology
Digital Signal Processors and
Applications
CMOS VLSI Design
VLSI Digital Signal Processing
Systems
Digital Image Processing



Communication

Communication Switching
Systems
Mobile Communication
Information Theory and Coding
Software Radio
Telecommunication System
Modelling and Simulation
Satellite Communication
Cognitive Radio
Broadband Access
Technologies
Radar Engineering



CSE Based

Advanced Computer
Architecture
High Speed Networks
Robotics
Deep Learning and Neural
Networks
Ad-Hoc Wireless Networks
Secure Communication
Essential Coding Theoru
Pattern Recognition
Virtual Reality



Others

Principles of Management
MEMS
Automotive Electronics
Measurement and
Instrumentation



AAHLADH



08

Rise up and rejoice at the Annual Cultural Fest of IIT Tiruchirappalli



ATRANG



09

Showcase your wits at the Annual Technical Fest of IIIT Tiruchirappalli



PROTHYMOS



10

Experience an adrenaline rush at the Annual Sports Meet of IIT Tiruchirappalli



WHY US?



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At IIIT Tiruchirappalli, students participate in various club events and workshops



WHY US?



12

Students represented IIIT Tiruchirappalli in various national level competitions and hackathons



WHY US?

Coding Culture

Students at IIIT Trichy not only dominate the leaderboard on CodeChef, Hackerrank, HackerEarth and TopCoder but also organise monthly coding competitions to challenge themselves regularly.

Network Security

On platforms like PicoCTF, HackTheBox, and TryHackMe, students at IIIT Trichy have participated in various CTFs on a monthly basis. They have learned how to apply their theoretical knowledge to practical scenarios and how to solve complex security challenges.

Internet of Things

The IoT Club at IIIT Trichy opens doors to endless opportunities for students. Through hands-on projects, workshops, and industry collaborations, the club equips students with practical skills and knowledge in IoT, empowering them to innovate and contribute to the exciting world of connected technologies.

Web Development

The Web Development Club of IIIT Trichy is a vibrant community of aspiring and experienced web developers coming together to learn, collaborate, and explore the ever-evolving world of web development. Members of the club worked on projects like IIIT Trichy's official college website, IIIT Trichy Grades Portal, and T&P Cell Website. The club offers a platform for members to grow their expertise, share their knowledge, and foster a sense of camaraderie among like-minded enthusiasts through workshops and hands-on projects.



Workshops and Industrial Lectures

Aimed at making the students learn and experience the latest technologies and modern trends, it consists of highly experienced speakers and organizers from top companies and firms.

Block Chain Workshop

Mr. Chaal Pritam

Robotics Workshop

Mr. Aditya Marathe, Founder Nugenix Robotics

Entrepreneurship and Mental Wellness Webinar

Sakshi Shah, Founder GoodLives

VLSI Design Flow with Vivado Workshop

in collaboration with CoreEL and Xilinx

How to get internships and startups webinar

Mr. Pavan Thatha, Founder ShieldSquare CyberSecurity



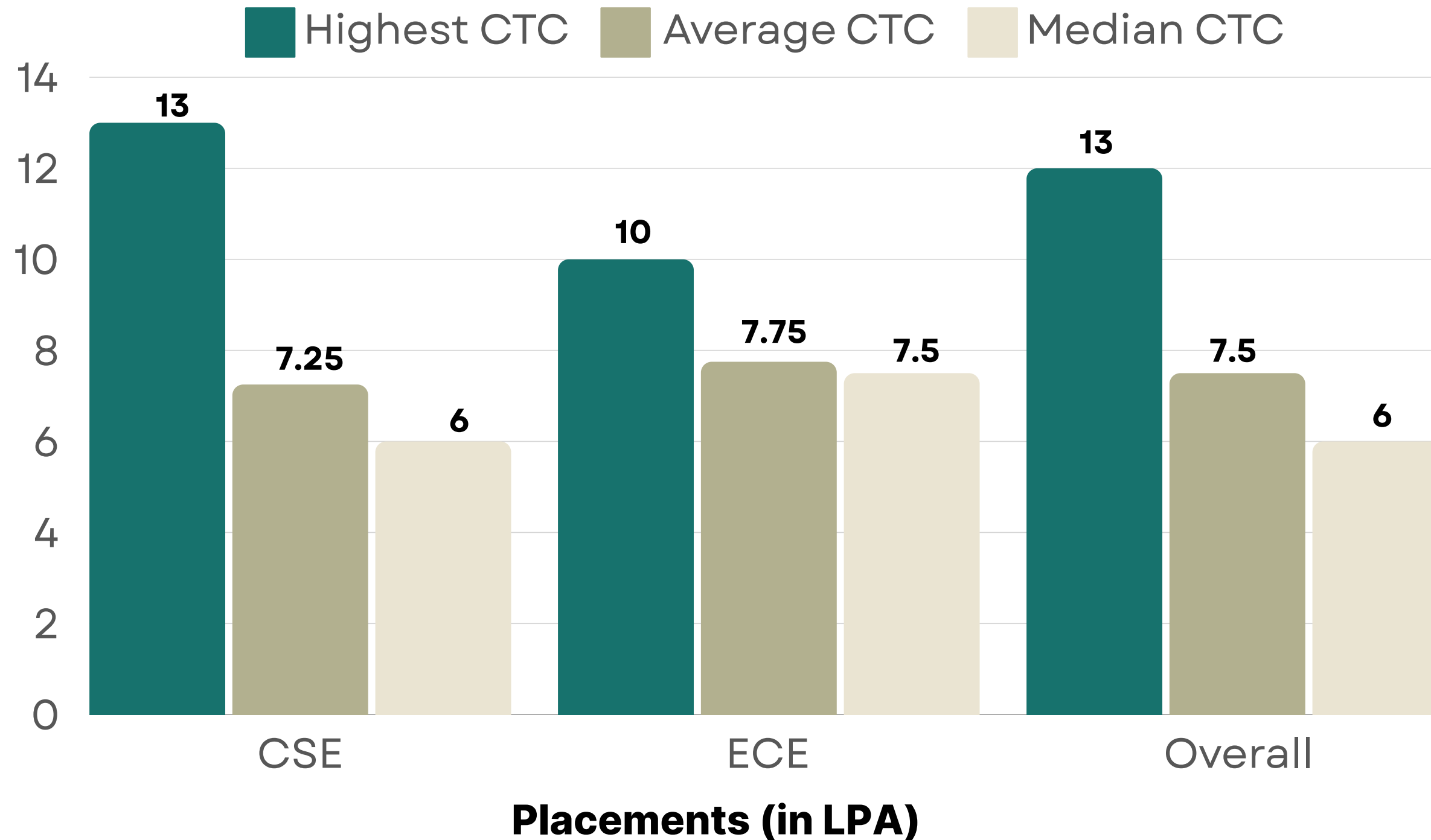


PLACEMENT PROCEDURE

- The Training and Placement Office, IIIT sends invitations along with the Job Notification Form (INF) to Organisers to participate in the campus placement drive.
- The organization fills the JNF containing details of the job offer (pay package, Place of posting, allowances, and other bonuses). The JNF can be sent by mail to placement@iiitt.ac.in.
- The organization details along with the job offer are made available to the students in a private group, requesting them to apply.
- The Training and Placement Office, IIIT allots date(s) to an organization for their placement drive and confirms it with them.
- The list of students who have applied is provided to the organization along with their Resumes.
- Organizations come to the campus on the allotted date(s) and conduct tests and/or Interviews as per their recruitment process.
- The organization is expected to furnish the list of selected candidates at the end of the assigned interview slot, preferably on the day of the campus visit.
- The Training and Placement Office, IIIT also coordinates the signing of offer letters by the students selected to ensure that they reach the organization/company as soon as possible.



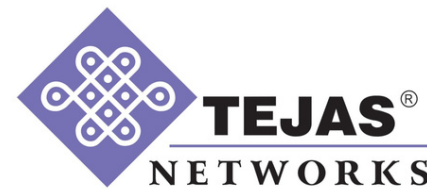
STATISTICS



Internships for 2024 Batch
Highest Stipend: 75000/month



INDUSTRY PARTNERS AND RECRUITERS





HOW TO REACH?

We are a 20-minute drive from Tiruchirappalli Junction/Central Bus stand on the Tiruchirappalli-Madurai Highway to IIIT Tiruchirappalli.

Tiruchirappalli is also well-connected to the other cities of Tamil Nadu, southern Karnataka and Kerala through Govt./Private buses.

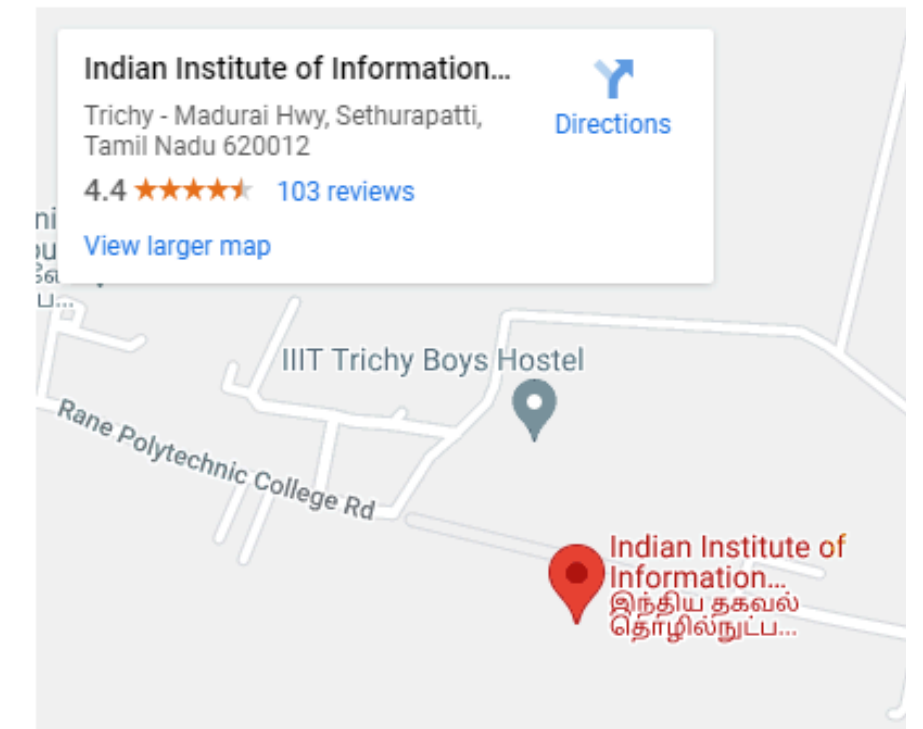
Tiruchirappalli is a critical junction on the Souther Railway. It connects Chennai, Thanjavur, Madurai, Tirupati, Rameshwaram, Bengaluru, Coimbatore, Kolkata, Jammu, New Delhi, Cochin and Manglaore.

It has an international airport connected with Chennai, Dubai, Kuala Lumpur, Singapore and Colombo.

Mailing Address

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OUR TEAM

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