



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI



PLACEMENT BROCHURE

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Dr. Narasimha Sarma NVS

Director, IIIT

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 2024. I believe that graduates of IIIT are talented enough to be your professional partners in the future.



Dr. G. Devasena

Placement Co-ordinator, IIIT

The Training and Placement Cell of IIIT 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.

COMPUTER SCIENCE AND ENGINEERING

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

Advanced Computer Architecture
Object-oriented Analysis and Design
Data Mining and Data Warehousing
Combinatorics and Graph Theory
Unix Programming
Parallel Architectures and Programming
Software Testing
Multimedia Systems
Advanced Java Programming
Embedded Systems
Real Time systems
Advanced DBMS
Cloud Computing
Principles of Processor Design
Soft Computing
Social Network Analysis
Mobile Computing
Randomized Algorithms

GPU Computing
Computer Graphics
Principles of Cryptography
Mobile Application Development
Quantum Computing
Natural Language Processing
Big Data Analytics
Network Security
Architecture of High-Performance Computers
Software Project Management
Data Science
Information Security
Virtual Reality
Pattern Recognition
Design Thinking
Malware Analysis and Detection
Block Chain Techniques

ELECTRONICS AND COMMUNICATION ENGINEERING

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
Microwave and Optical Communication Laboratory
Wireless and Cellular Communication
Wireless and Cellular Communication Laboratory

ELECTRONICS AND COMMUNICATION ENGINEERING ELECTIVES

Analog IC Design
Introduction to VHDL/Verilog programming
Communication Switching Systems
Advanced Computer Architecture
Principles of Management
Analog CMOS Design
DSP structure for VLSI
Mobile Communication
High-Speed Networks
MEMS
Mixed - Signal Circuit Design
Design of ASICs
Information Theory and Coding
Robotics
Automotive Electronics
High-Speed Communication Circuits and Systems
VLSI System Testing
Software Radio
Deep Learning and Neural networks
Measurement and Instrumentation

FPGA Based system design
Process and Fabrication Technology
Telecommunication System Modelling and Simulation
Ad hoc Wireless Networks
Asynchronous System Design
Digital Signal Processors and Applications
Satellite Communication
Secure Communication
Formal Methods for System Verification
CMOS VLSI Design
Cognitive Radio
Essential Coding Theory
Physical Design Automation
VLSI Digital Signal Processing Systems
Broadband Access Technologies
Pattern Recognition
Nanoelectronics
Digital Image Processing
Radar Engineering
Virtual reality

AAHLADH



Rise up and Rejoice at the Annual Cultural Fest of IIITT

ATRANG



Showcase your wits at the Annual Technical Fest of IIIT

PROTHYMOS



Experience an adrenaline rush at the Annual Sports Meet of IIITT

EVENTS AND ACTIVITIES



At IIITT, students participate in various club events and workshops

Coding Culture

Students at IIIT Trichy not only dominate the leaderboard on CodeChef, Hackerrank, HackerEarth, and TopCoder but also organize 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.

A list of workshops and lectures conducted in the academic year -

Block Chain workshop by Mr.Chaal Pritam,

Robotics workshop by Mr.Aditya Marathe, founder of Nugenix Robotics.

Entrepreneurship and Mental Wellness webinar by Sakshi Shah, the Founder of GoodLives.

VLSI Design flow using Vivado workshop in coordination with CoreEL and Xilinx.

How to get internships at jobs, startups webinar by Pavan Thatha, the founder of ShieldSquare cyber security.

PLACEMENT PROCEDURE

- The Training and Placement Office, IIITT sends invitations along with the Job Notification Form (JNF) 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, IIITT 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, IIITT also coordinates the signing of offer letters by the students selected to ensure that they reach the organization/company as soon as possible.

STATISTICS

CSE Placements

Highest CTC: **20LPA**

Average CTC: **10LPA**

Median CTC: **8.9LPA**

ECE Placements

Highest CTC: **15LPA**

Average CTC: **9.7LPA**

Median CTC: **8LPA**

Overall

Highest CTC: **20LPA**

Average CTC: **9.9LPA**

Median CTC: **8.4LPA**

Placement percentage: **82%**

Internship (2024 Batch)

Highest stipend : **35000/month**



INDUSTRY PARTNERS AND RECRUITERS



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

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

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