INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI

PLACEMENTS BROCHURE

TABLE OF CONTENTS

01 **FROM DIRECTOR'S DESK**
Presentation are communication tools that can be used as demontrations.

02 **FROM TPO**
Presentation are communication tools that can be used as demontrations.

03 **ABOUT IIIT TIRUCHIRAPPALLI**
Presentation are communication tools that can be used as demontrations.

04 **COURSE STRUCTURE**
Presentation are communication tools that can be used as demontrations.

05 **EVENTS**
Presentation are communication tools that can be used as demontrations.

06 **WHY US**
Presentation are communication tools that can be used as demontrations.

07 **PLACEMENT PROCEDURE**
Presentation are communication tools that can be used as demontrations.

08 **STATISTICS**
Presentation are communication tools that can be used as demontrations.

09 **RECRUITERS AND INDUSTRY PARTNERS**
Presentation are communication tools that can be used as demontrations.

10 **CONTACT US**
Presentation are communication tools that can be used as demontrations.

DR. NARASIMHA SARMA NVS

Director, IIIT Tiruchirappalli

FROM THE DIRECTOR'S DESK,

Indian Institute of Information Technology Tiruchirappalli (IIITT) 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. IIITT 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. IIITT 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 IIITT 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 IIITT are talented enough to be your professional partners in the future.

DR. G. DEVASENA

Placement Coordinator, IIIT Tiruchirappalli

FROM THE TPO,

The Training and Placement Cell of IIITT 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 coxoperation 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.

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

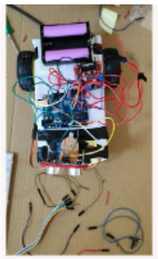
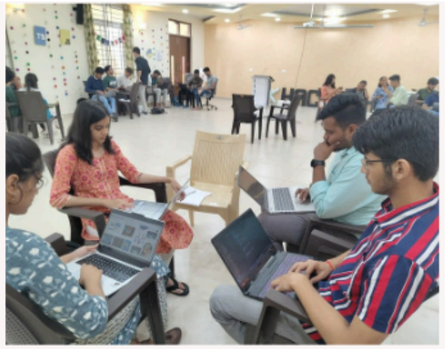
Automotive Electronics

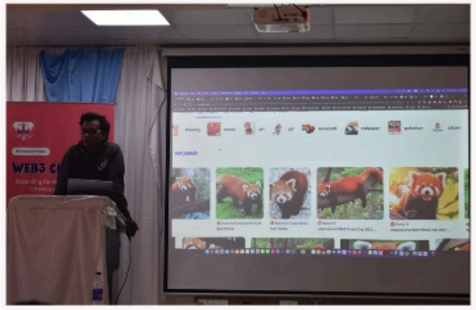
Measurement and Instrumentation

AAHLADH

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 IIIT Tiruchirappalli

WHY US?

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

WHY US?

Students represented IIIT Tiruchirappalli in various national level competitions and hackathons

WHY US?

Coding Culture

Students at IIITT 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 IIITT 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 IIITT's official college website, IIITT 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

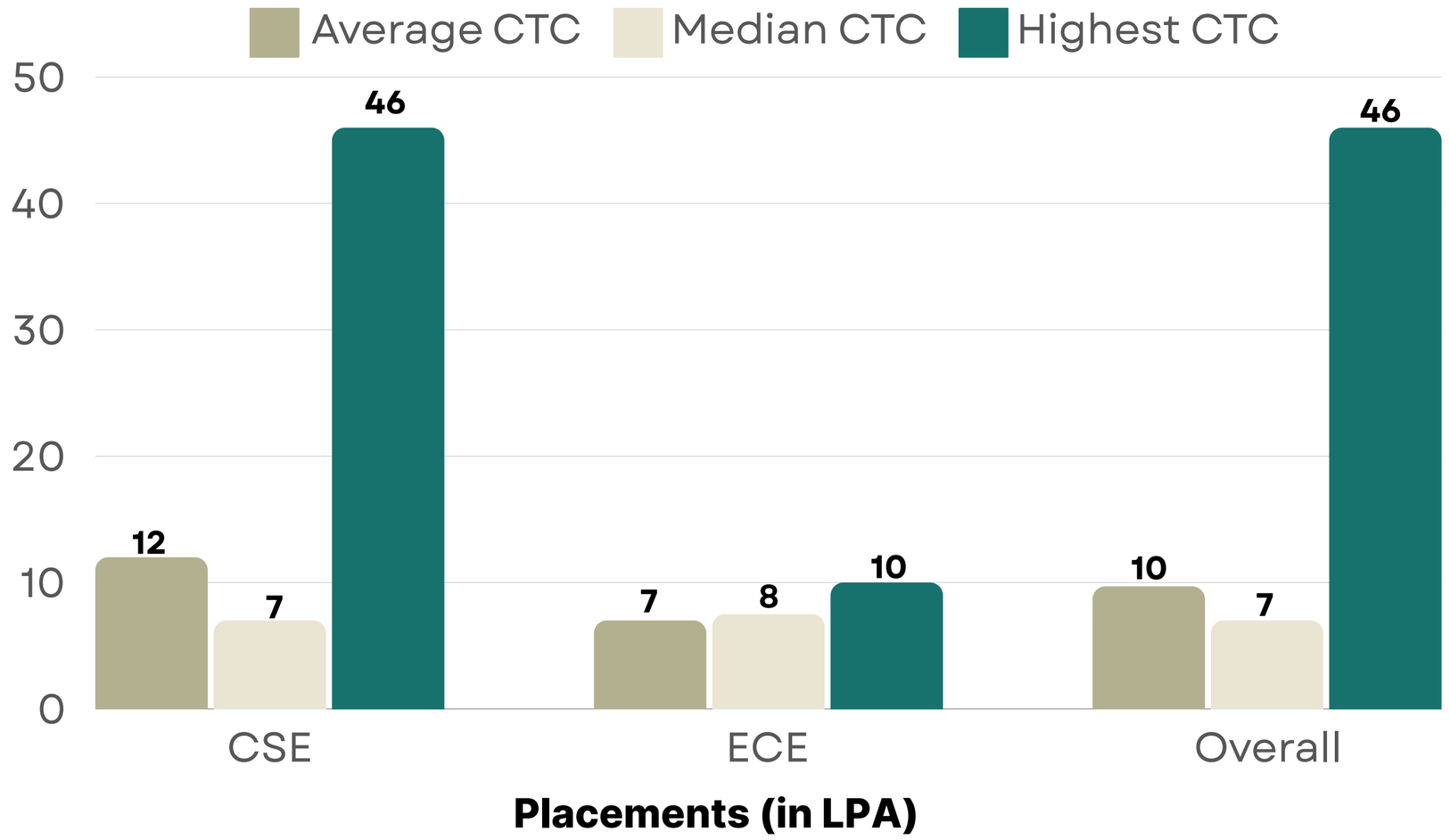
VLSI Design Flow with Vivado Workshop
in collaboration with CoreEL and Xilinx

How to get internships and startups webinar
Mr. Pavan Thatha, Founder ShieldSquare CyberSecurity

PLACEMENT PROCEDURE

- The Training and Placement Office, IIITT 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, 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



Placements (in LPA)

Internships for 2024 Batch

Highest Stipend: 75000/month

INDUSTRY PARTNERS AND RECRUITERS

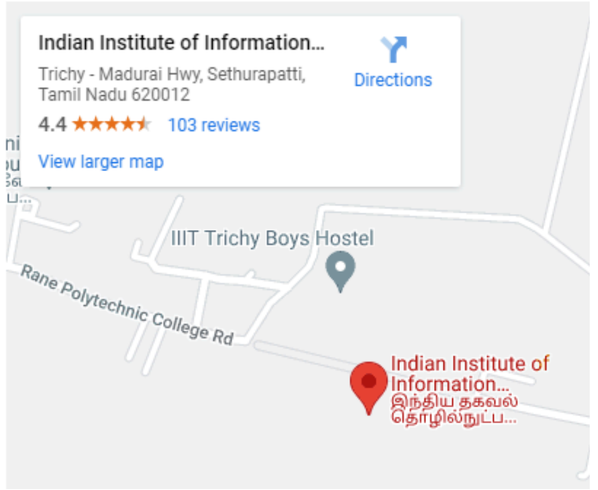
TCS TATA CONSULTANCY SERVICES
Paytm
SIEMENS
NVIDIA
amazon
Infosys
ELCOT Adding value through IT
A TAKE Solutions Enterprise NAVITAS LIFE SCIENCES
ValueLabs
ramco
cognizant
ADP
truminds
LANDMARK GROUP
IBM
RAZOR GROUP
Optum
IPETRONIK
epam
TEJAS NETWORKS
Mindtree Welcome to possible
Modelon
CODETANTRA
publicis sapient
QUANTUM PHINANCE
CGI
JUSPAY
virtusa

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, Coimbature, Kolkata, Jammu, New Delhi, Cochin and Manglaore.
It has an international airport connected with Chennai, Dubai, Kuala Lumpur, Singapore and Colombo.

Mailing Address

Indian Institute of Information Technology Tiruchirappalli,
Sethurapatti, Trichy-Madurai Highway,
Tiruchirappalli, Tamil Nadu - 620012



OUR TEAM

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