

INDIAN
INSTITUTE
OF INFORMATION
TECHNOLOGY

TIRUCHIRAPPALLI

PLACEMENT BROCHURE



Contents

From Director's Desk

From the TPO

About IIIT-T

Course structure

Events and Activities

Why recruit at IIIT-T?

Placement Procedure

Statistics

Recruiters and Industry partners

How to reach

Contact US

Indian Institute of Information and Technology
Tiruchirappalli



Dr. Narasimha Sarma N.V.S

Director, IIIT

“ Indian Institute of Information Technology Tiruchirappalli (IIIT) is an initiative under Public Private Partnership (PPP) mode 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 initial 2 years and industry expertise with last 2 years. IIIT evolves into a milieu that dedicates itself in 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 harnessing 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 the batch of 2020. I believe that graduates of IIIT are talented enough to be your professional partners in future.



”

Dr. G Devasena

Placement Co-Ordinator, IIIT-T

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 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 such as sports events to improve students' confidence, communication ability, professional skills, and 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.



About IIIT-T

Vision

To achieve
"World Class Excellence in Information and
Communication Technology".

Mission

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

To impart Information Technology education to
students and future leaders.

To establish Center of Excellences in
Information Technology.



Course Structure

COMPUTER SCIENCE AND ENGINEERING

Coding and Problem Solving

Data Structure
Principles of Programming Language
Introduction to Algorithms
Design and Analysis of Parallel Algorithms
Randomized Algorithm
Data Warehousing and Data Mining

System Design

Computer Organization
Digital System Design
Automata and Formal Languages
Compute Architecture
Software Engineering
Mircoprocessor and Microcontroller
Principle of Compiler Design

Mathematics

Introduction to Probability Theory
Combinatorics and Graph Theory
Principle of Operation Research
Principle of Cryptography
Probability, Queuing, Statistics

Core Subjects

Opeating Systems
Data Communication and Networks
Internetworking Protocols
Database Management Systems
Computer Graphics

Ethics

Professional Ethics

Course Structure

Electronics and Communication Engineering

*English for Communication & Professional Communication
Engineering Practice
Professional Ethics*

Basics of Programming

*Real Analysis and Partial Differential Equations
Probability Theory and Random Processes
Statistical Theory of Communication
Digital Communication*

*Signals and Systems
Digital Signal Processing
Digital Signal Processors and Applications
Analog Communication
Fiber Optic Communication*

*Electrical Circuits and Machines
Network Analysis and Synthesis
Electrodynamics and Electromagnetic Waves
Transmission Lines and Waveguides
Antennas and Propagation
Microwave Components and Circuits
Microwave Electronics*

*Semiconductor Physics and Devices
Electronic Circuits
Analog Integrated Circuits
Wireless Communication*

*Digital Circuits and Systems
Microprocessors and Microcontrollers
VLSI Systems*

Course Structure

Electives

CSE

*Mobile Computing and Communication
Design and Analysis of Parallel Algorithms
Real Time Systems
Service Oriented Architecture
Computer Graphics
Human Computer Interaction
Data Warehousing and Data Mining
Wireless Network Systems
Principles of Processor Design
Parallel Architectures and Programming
Randomized Algorithms
Web Technology
Multimedia Systems
Probability, Queuing, Statistics for CS
Advanced Database Management Systems
Advanced Cryptography
Network Processors Design
Programming for Embedded Systems*

*Machine Learning
Cloud Computing
Network Security
Software Project Management*

ECE

*Display Systems
Statistical Signal Processing
Communication Switching Systems
Computer Architecture and Organization
Multimedia Communication Technology
RF MEMS Circuit Design
Principles of Radar
Digital Signal Processing for Wireless Communication
Arm System Architecture
Networks and Protocols
Cognitive Radio
Broadband Access Technologies
Satellite Communication
Ad hoc Wireless Networks
Digital Image Processing
Microwave Integrated Circuit Design
Microwave Electronics
Electronic Packaging*

*Wireless Sensor Networks
Digital Speech Processing
Pattern Recognition*

Course Structure

Laboratory

CSE

*Data Structure Laboratory
Digital System Design Laboratory
Algorithms Laboratory
Operating System Design
Network Laboratory
DBMS Laboratory
Mobile Application Development
Mobile Application Development Lab
Microprocessor and Microcontroller Lab*

ECE

*Devices and Networks Laboratory
Digital Electronics Laboratory
Electronic Circuits Laboratory
Microprocessor and Microcontroller Laboratory
Analog Integrated Circuits Laboratory
Digital Signal Processing and Simulation Laboratory
Communication Engineering Laboratory
VLSI and Embedded System Design Laboratory*

Events and Activities



Prothymos

"Experience the adrenaline rush at Annual intramural sports meet of IIIT"

Aahladh

"Rise up to Rejoice at annual cult fest of IIIT"

Atrang

"The Literature and Technical fest of IIIT"

Many more

"At IIIT students and staff celebrate many festivals and events together and create awareness"

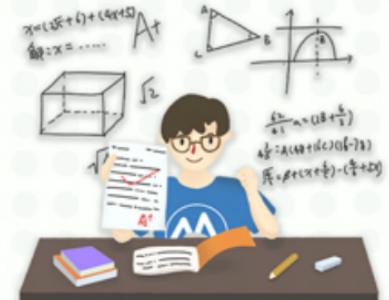
Why recruit at IIIT-T

Best of best make it!

“

Top 2% students of JEE in the country make it here

”



Open source culture



Ha[.sh]
A global Hacktoberfest meet-up along with Exposure to Open Source world to the Freshmen.

Winter Of Code
Hosted on the same architecture as Google Summer of Code with intention of bringing more student developers into open source software development.



Coding Culture

Not only the Students from IIITT dominate the leaderboard on CodeChef, Hackerrank, HackerEarth, Topcoder but also organize Global Coding Competitions at IIITT.

Dev Streak:

Monthly coding competitions hosted by IIIT Trichy

Cypher Ball:

The code party: A global coding competition hosted by IIIT Trichy which includes top participants from International institutes.

bit_by_bit:

A “zero to hero” program to help students learn coding from scratch by building solid foundation in Data Structures and Algorithms



Workshops and Industrial lectures (1/2)

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

Digital marketing by Rajesh Natarajan, CEO of Internest Agency, Trichy

Automation and Autonomy: Past, Present and Future by Mr.Rajkumar.R (Entrepreneur, created enterprise cloud applications for businesses across industries. He is the Founder and Managing Director of Rignova Cloud Private Limited)



Design Thinking by Mrs Sujata Ray, Story telling coach at Accenture

Dev-Sec-Ops by Mr. Ganesh, Wipro

Semantic Information Extraction Approaches by Mr. Rajbabu, BHEL

Workshops and Industrial lectures (2/2)

Kafka Technologies by Mr.Periakaruppan Thiagarajan, Senior Software Engineer and Lead Architect at Global Travel company in US

Architecture of IOT and applications of it in various Industries with focus on cloud computing by Balaji Jayaseelan(Director for Sustainability and Regulatory affairs for Graham Packaging) & Venkat Thiruvengadam(founder and author of DuploCloud in silicon valley)

Microservices by Ms.Nandhini Rajendran(Sourcer at Tenpath Solutions)

Robotic Process Automation by Mr. Santhosh, Hydacindia

SAP - ERP by Mr. Alphonse Edwin, Ceratizit, Germany

Placement procedure

The Training and Placement Office, IIITT sends invitations along with Job Notification Form(JNF) to organizations to participate in the campus placements.

Organization fills in the JNF containing details of the job offer (pay package, place of posting, allowances and other bonuses). JNF can be sent by email to Training and Placement Office, IIITT

The organization details along with job offer is made available to the students on a private group, requesting them to apply.

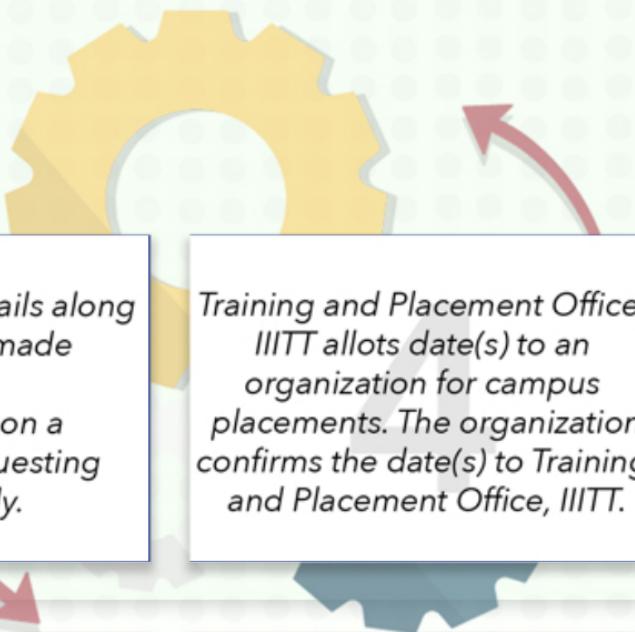
Training and Placement Office, IIITT allots date(s) to an organization for campus placements. The organization confirms the date(s) to Training and Placement Office, IIITT.

The list of the students who have applied is provided to the organization along with their Resumes.

Organizations come to 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 assigned interview slot, preferably on the day of campus visit.

Training and Placement Office, IIITT also coordinates the signing of offer letter by students who have been selected to ensure that they reach the organization/company asap.

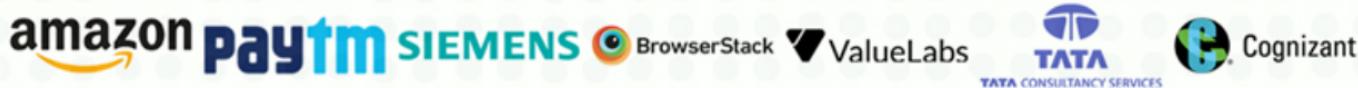


Statistics

Highest Package (ECE) : 19.5 LPA
Highest Package (CSE) : 19 LPA
Average Package (ECE) : 8.80 LPA
Average Package (CSE) : 8.63 LPA
Overall Average Package : 8.70 LPA
Placement Percentage : 63%



Recruiters and Industry partners



How to reach?

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

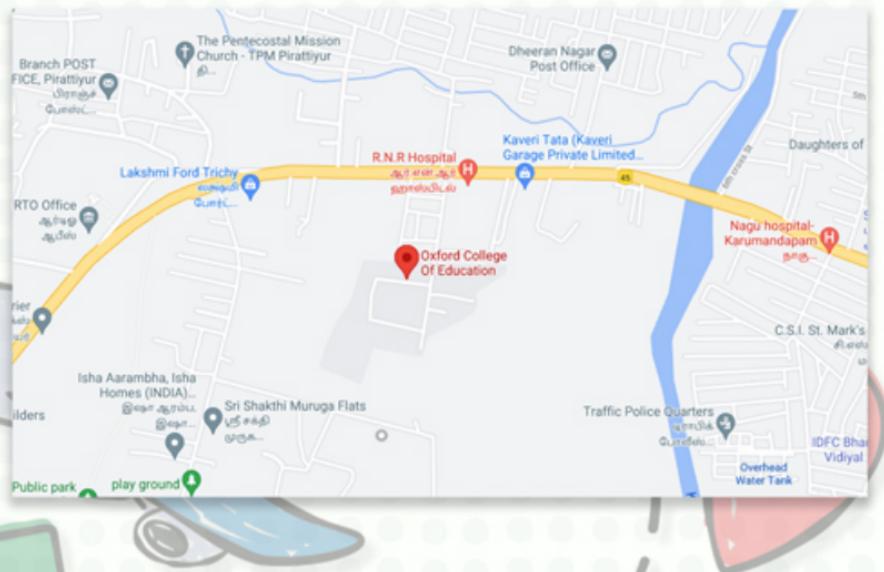
It has an international airport, and is connected with Chennai, Dubai, Kuala Lumpur, Singapore and Colombo.



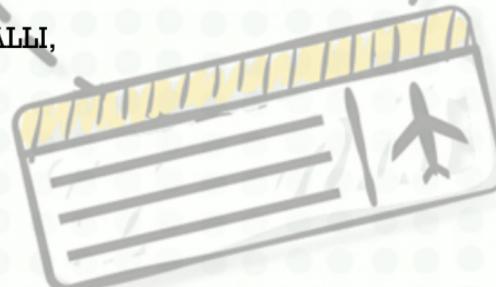
Mailing Address

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI,
OXFORD ENGINEERING COLLEGE CAMPUS,
TRICHY DINDIGUL HIGHWAY,
PIRATTIYUR,
TIRUCHIRAPPALLI - 620009

Scan this QR code to
navigate to IIIT-T
via google maps



*The above image is a screenshot from google maps

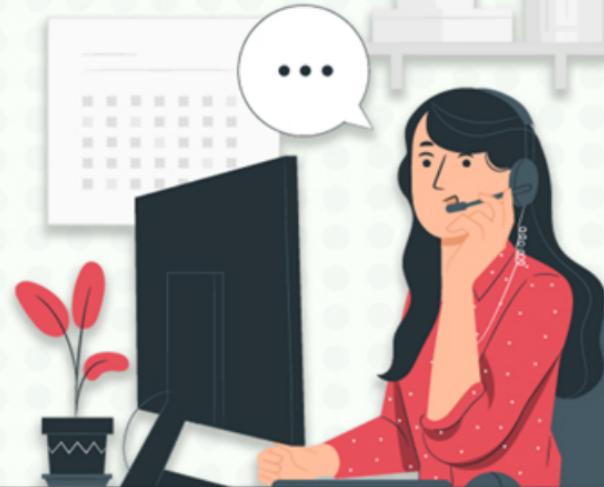


Contact us

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