

INDIAN  
INSTITUTE  
OF INFORMATION  
TECHNOLOGY

TIRUCHIRAPPALLI

# PLACEMENT BROCHURE



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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"

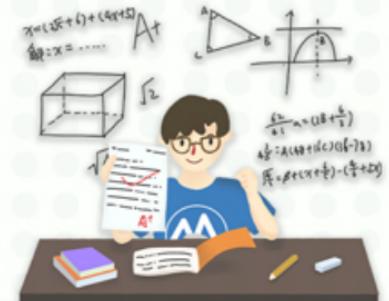
# Why recruit at IIIT-T

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 (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

# 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

# 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.

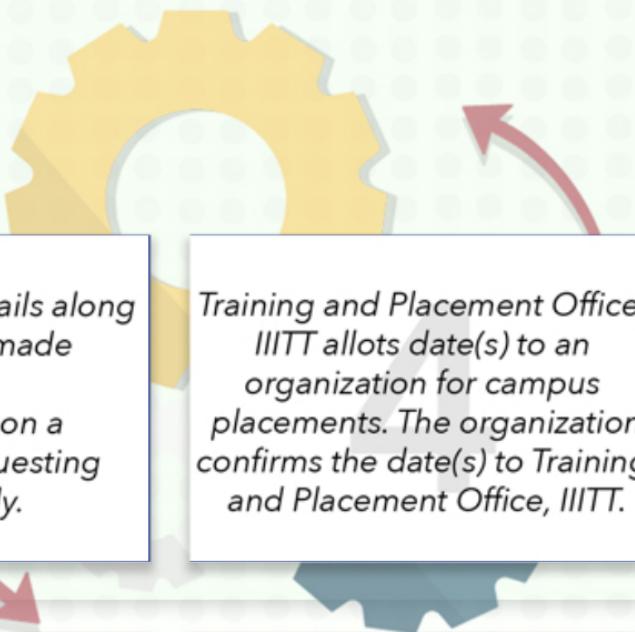
Training and Placement Office, IIITT allots date(s) to an organization for campus placements. The organization confirms the date(s) to Training and Placement Office, IIITT.

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.

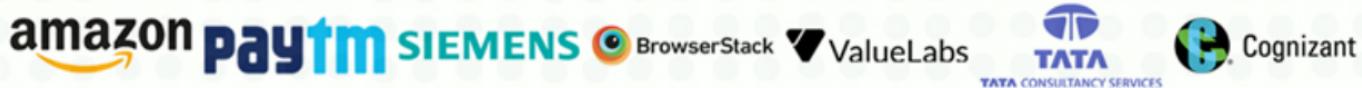


## Statistics

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

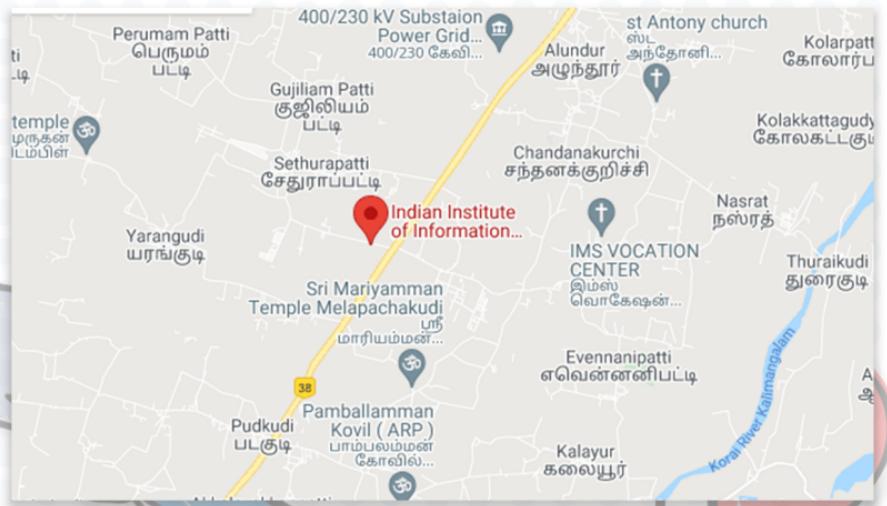
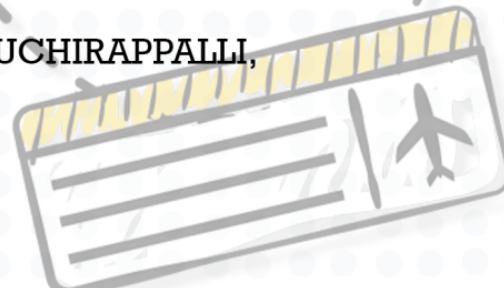
It has an international airport, and is connected with Chennai, Dubai, Kuala Lumpur, Singapore and Colombo.



## Mailing Address

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI,  
SETHURAPATTI,  
TIRUCHIRAPPALLI - 620012.

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



\*The above image is a screenshot from google maps

# Contact us

## Training and placement officer

**Dr. G. Devasena**

[placement@iiitt.ac.in](mailto:placement@iiitt.ac.in) +91-9042473621



## Training and placement representatives

Vishal Sharma  
[vishals18c@iiitt.ac.in](mailto:vishals18c@iiitt.ac.in)  
+91 8828378737

Adeep Hande  
[adeeph18c@iiitt.ac.in](mailto:adeeph18c@iiitt.ac.in)  
+91 99008 65787

Sai Auchitya Bussa  
[saiab18e@iiitt.ac.in](mailto:saiab18e@iiitt.ac.in)  
+91 7032226230

Nunna Lakshmi Saranya  
[nunnals18e@iiitt.ac.in](mailto:nunnals18e@iiitt.ac.in)  
+91 7901691922

Karthik Puranik  
[karthikp18c@iiitt.ac.in](mailto:karthikp18c@iiitt.ac.in)  
+91 8762263279

Kalipindi Tarun Kumar  
[kalipinditk18c@iiitt.ac.in](mailto:kalipinditk18c@iiitt.ac.in)  
+91 6305429235