



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI

● PLACEMENTS BROCHURE





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Presentation are communication tools that can be used as demonstrations.





# 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 IIT Tiruchirappalli 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 cooperation 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.

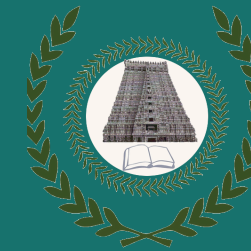
03





# 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





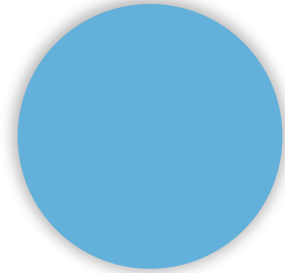
# COMPUTER SCIENCE AND ENGINEERING

## Electives



### Hardware

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



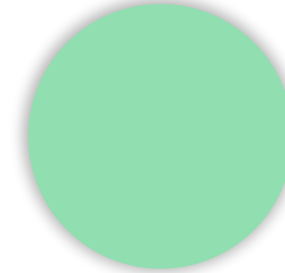
### Software

- 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

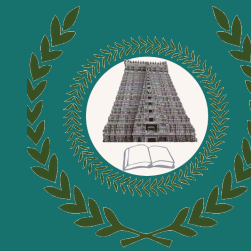


### Programming

- 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

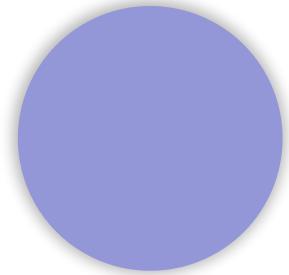






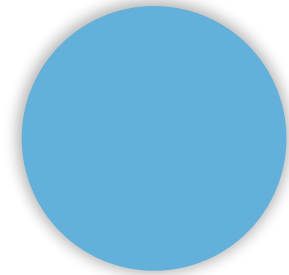
# ELECTRONICS AND COMMUNICATION ENGINEERING

## 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?



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Students represented IIT 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







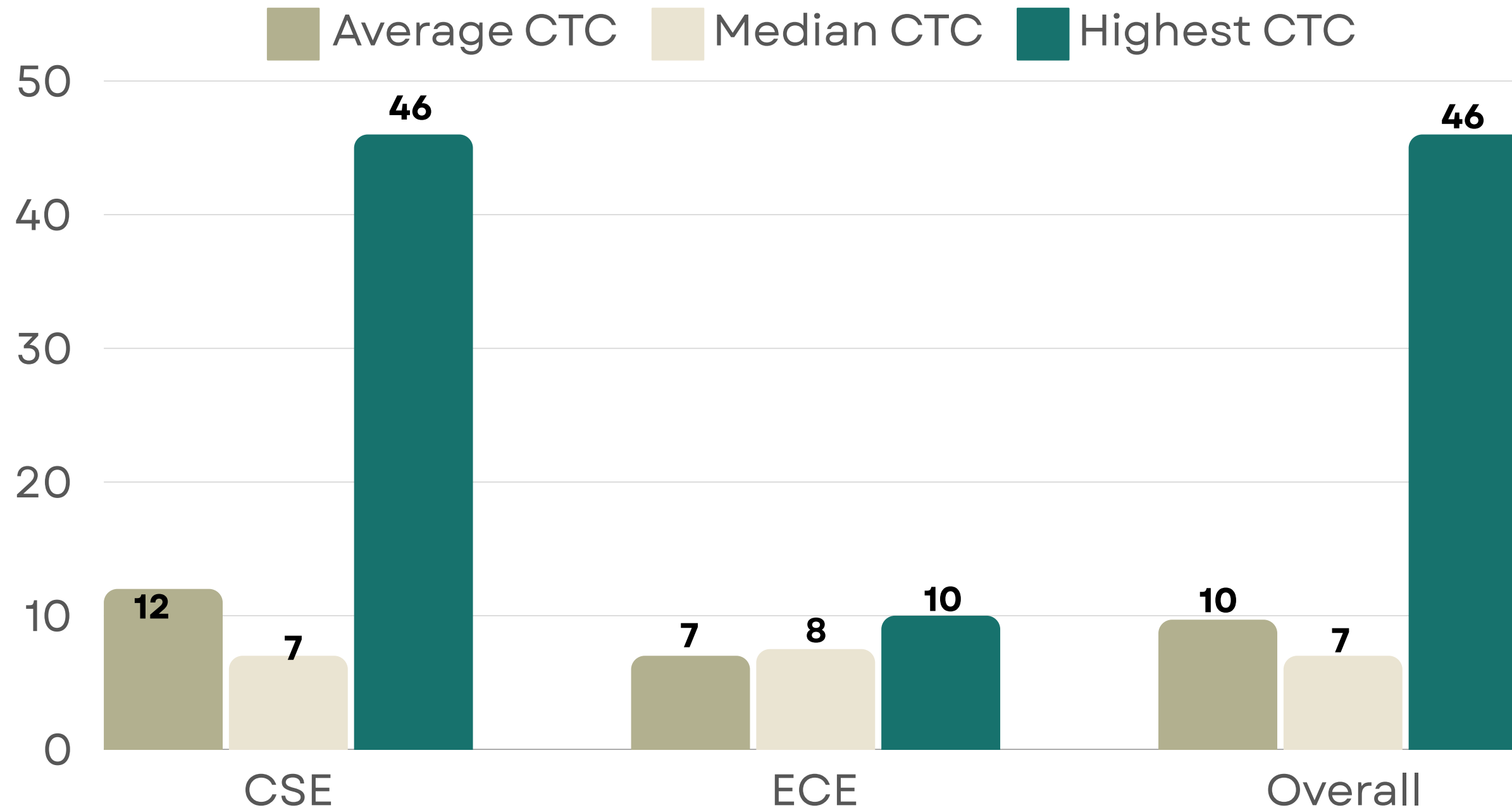
# PLACEMENT PROCEDURE

- 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](mailto: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



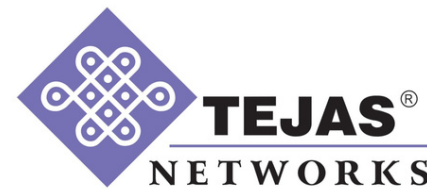
**Placements (in LPA)**

**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.

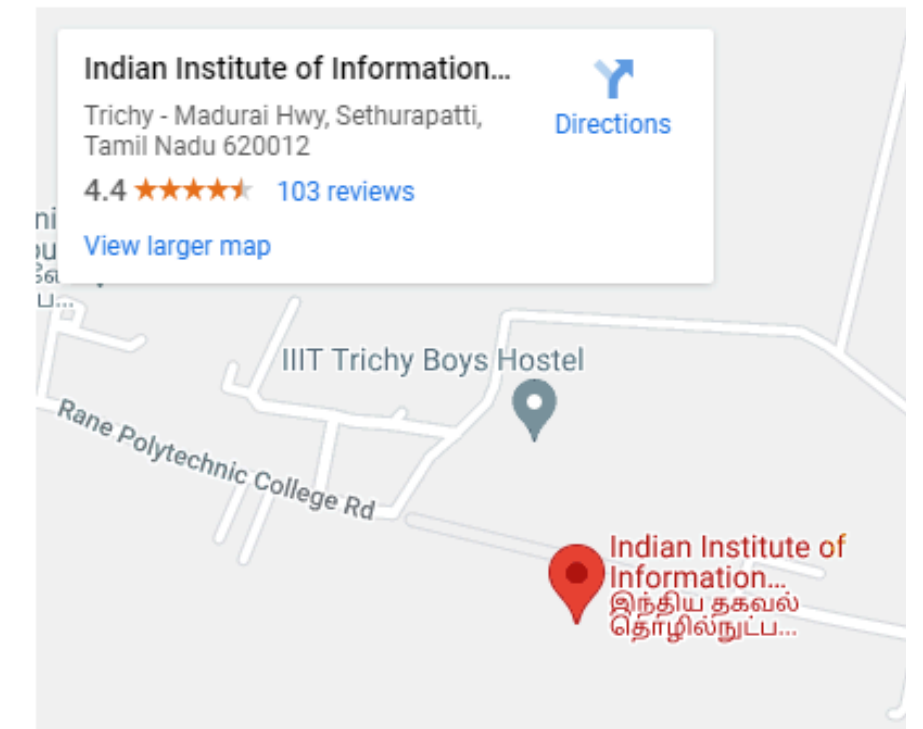
Tiruchirappalli is a critical junction on the Souther Railway. It connects Chennai, Thanjavur, Madurai, Tirupati, Rameshwaram, Bengaluru, Coimbatore, Kolkata, Jammu, New Delhi, Cochin and Manglaore.

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

## Mailing Address

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Tiruchirappalli, Tamil Nadu - 620012

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# OUR TEAM

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