भारतीय प्रौद्योगिकी संस्थान तिरुपति

IIT

TIRUPATI

Placement Brochure 2020-2021

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

About the Institute

The establishment of the Indian Institute of Technology Tirupati (IITT), as a 3rd Generation IITs, was announced in 2014 by the Government of India. This is one of the fast growing IIT. IIT Tirupati launched its academic programs on August 5, 2015, from a temporary campus situated on Tirupati-Renigunta Road, Tirupati, and has started partly functioning from its 548 acres Permanent Campus in Merlapaka Village on Yerpedu-Venkatagiri Highway in the fourth year of its operations.

The Institute has witnessed immense growth in faculty recruitment, new academic programs, research initiatives, and infrastructure development. IIT Tirupati Transit Campus project has been awarded the GRIHA Council Award for exemplary demonstration of Sustainable Building Material/Technologies. It is the First Prize winner of the HUDCO Design Awards 2018 under the category of Green Buildings. The Ministry of Human Resource Development also recognized the Transit Campus of the Institute as a Swachh Campus in the year 2019.

**Central Library**

Message from the Director

Prof. K.N. Satyanarayana

The students at IIT TIRUPATI are fully availing the research opportunities with various research laboratories and institutions of international repute in India and abroad. As part of their curriculum, the graduating batch students completed their summer internship in top-class companies, academic and research institutions. Along with academics, students actively participate in sports, cultural events, and in numerous clubs such as astronomy, music, social outreach, etc., which have helped them hone collective responsibility skills and leadership qualities.

Being a new Institute, IIT Tirupati is nimble and aggressively pursuing opportunities to collaborate with leading Indian & multinational companies, public sector organizations, financial institutions, and others. We highly value our partnership with the Industry and remain committed to making your recruiting experience with IIT Tirupati productive and positive. We cordially invite you to IIT Tirupati for the placement and internship process.

MOU signing with Texas A&M University, USA
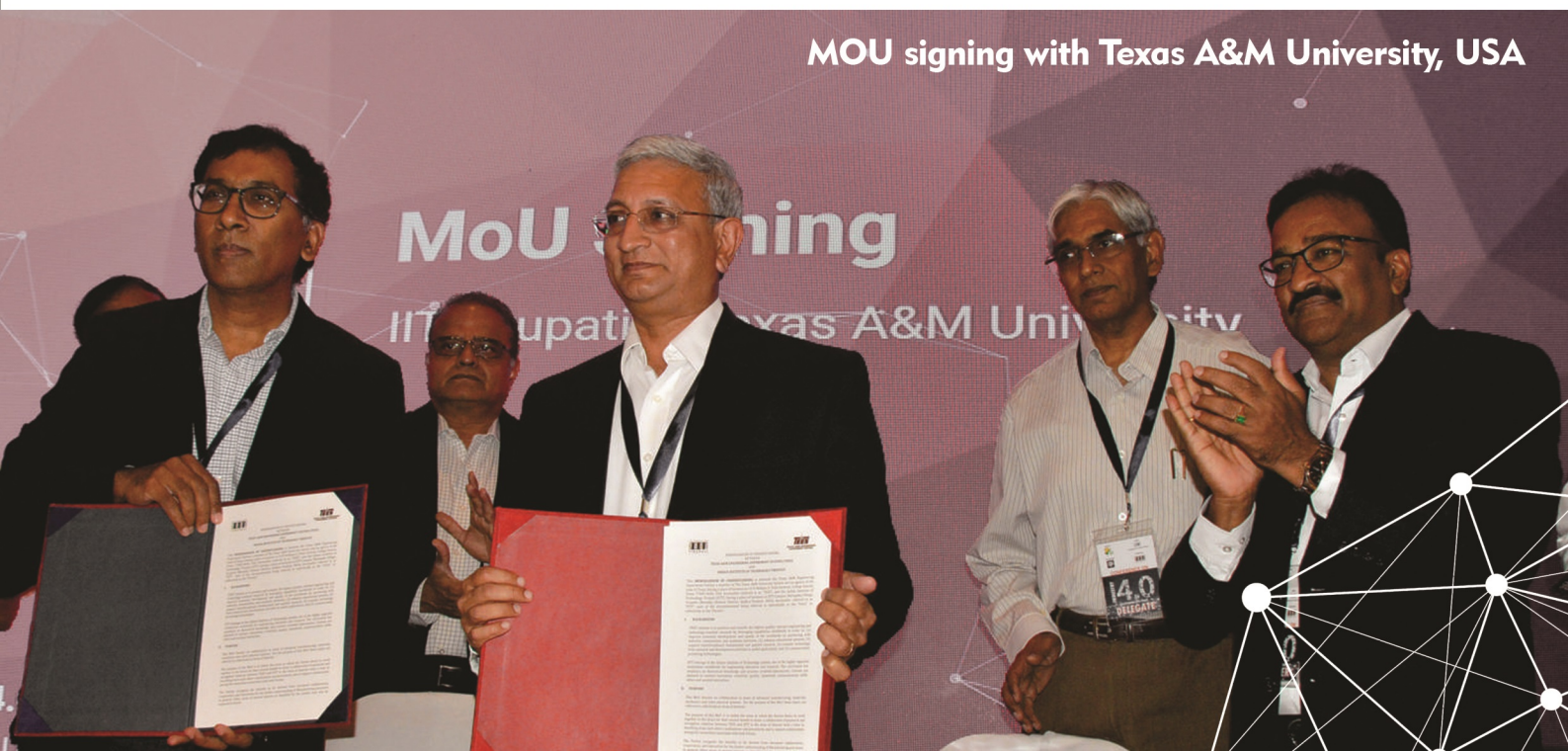
Why recruit at IIT Tirupati?

- IIT Tirupati, established in 2015 as a **3rd generation IIT**, is explicitly invested in promoting an excellent atmosphere to think, create, study and do research. At IIT Tirupati, teaching and research go hand in hand, reinforcing each other.
- IIT Tirupati has students from **all over India**. It has shattered stereotypes, enrolling **17% female students**.
- Students are exposed to **cutting-edge research** and are encouraged to take **interdisciplinary courses** and projects.
- Students participate in various **extra-curricular activities**, including Cultural Events, National Service Scheme, SPICMACAY, Inter IIT Annual Meets, which are aimed at overall personality development, team participation thus breaking the language barriers and culture.
- Despite the **COVID-19 pandemic crisis**, the students at IIT Tirupati, have not been perturbed and have continued to attend their online classes conducted via a digital platform. They have also carried out various R&D in different forms and helped frontline warriors battling the pandemic crisis.
- IIT Tirupati has signed **MoUs** with several public and private organizations, which include CSIR labs, CMTI Bangalore, SBI, CPWD, Nagaoka University of Technology (Japan), University of Calgary (Canada), Texas A&M Engineering Equipment Station, Toshiba Software India, Analog Devices India Pvt. Ltd., to ensure that the students get an opportunity to work and learn in the leading labs and industries in the world.

Academic Programmes

B.Tech

- Civil Engineering
- Chemical Engineering*
- Electrical Engineering
- Mechanical Engineering
- Computer Science and Engineering

M.Tech

- Mechanical Engineering
- Design and Manufacturing
- Computer Science and Engineering
- Electrical Engineering
- Signal Processing and Communication
- Civil Engineering**
- Structural Engineering
- Transportation and Infrastructure Engineering
- Environmental and Water Resources Engineering

M.Sc

- Mathematics and Statistics**

M.S

- Civil Engineering
- Chemical Engineering***
- Electrical Engineering
- Mechanical Engineering
- Computer Science and Engineering

Ph.D

- Engineering
  - Civil Engineering
  - Chemical Engineering
  - Electrical Engineering
  - Mechanical Engineering
  - Computer Science and Engineering

- Science
  - Chemistry
  - Mathematics
  - Physics

- Humanities and Social Sciences

*Started in 2018, **Started in 2019, ***Started in 2020*

Placement Procedure

The CareerDevelopment Centre (CDC) at IIT Tirupati invites recruiters with relevant information.

1

Recruiter registers on the online CDC web portal by creating an account

2

Recruiter fills the online job notification of the job profile using the portal

3

If the recruiter is interested in conducting a pre-placement talk they can send a request along with the preferred dates

4

The job notification form is made available online to all the eligible students. The students apply online to companies' job profiles

5

The CDC office informs the recruiters of the dates alloted for the on-campus placement process. The Placement at IIT Tirupati would begin from the second week of September 2020 and would continue till May 2021

6

Recruiters visit the campus on the alloted date(s) and conduct the selection process

7

The recruiter is required to submit the list of selected and waitlisted (if desired) students to the CDC office soon after the completion of the selection process
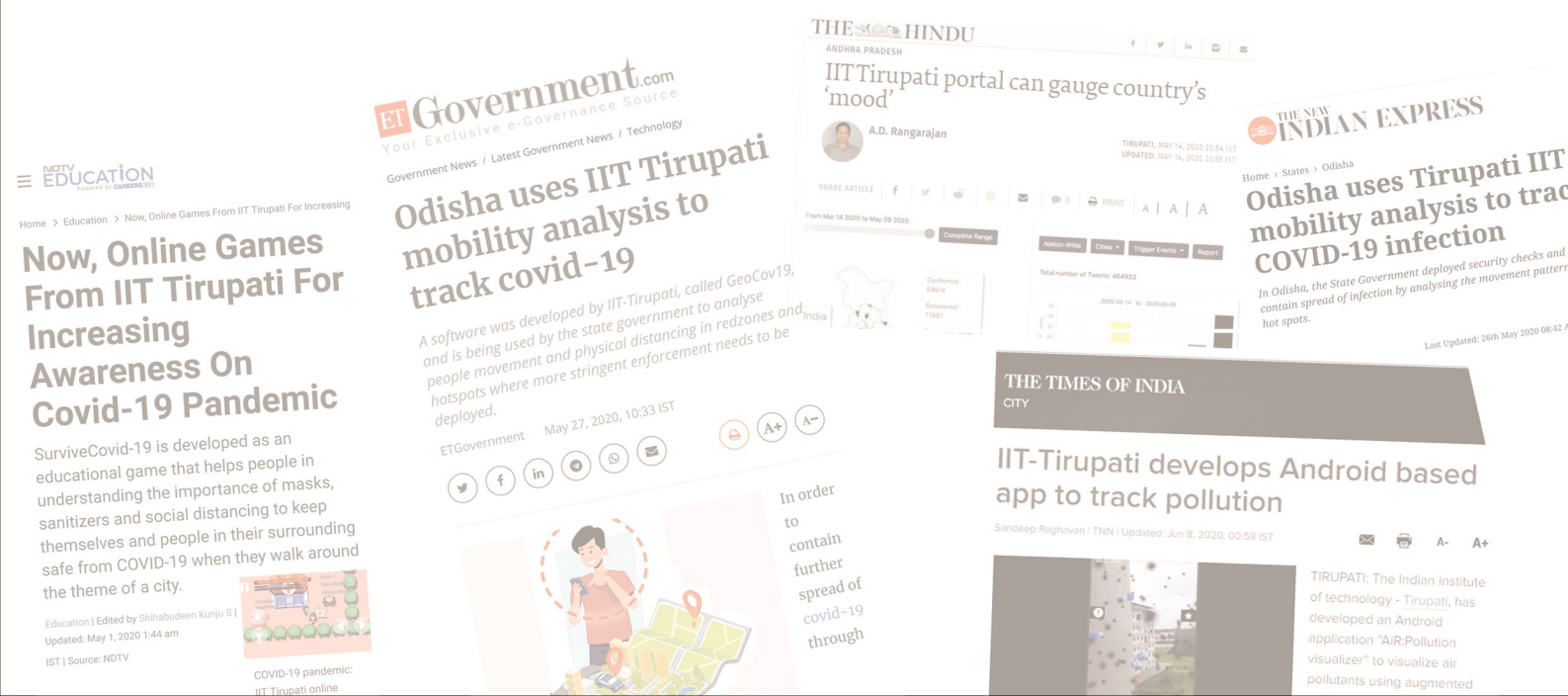
8

Achievements

Students from all departments have achieved many competitions, scholarships and have done many remarkable kinds of research and works. Despite the COVID-19 pandemic, students took initiatives, like analyzing and tracking the spread, even created a game to spread the awareness and the precautions of the virus in an effective way. Students even created a web portal to know the spread and the mental state of the nation.

Some of the achievements are:

- Two students of the Electrical Department participated in the **"Visual Object Tracking Challenge 2020"** and were the only two shortlists from India.

- Students of Computer Science & Engineering Department outperformed in the **"Smart India Hackathon"**. They won 1st prize for the problem statement "App-Based Solution for Digitalization of Valuation of Mobile Assets," Many teams secured 2nd place in their respective problem statements.

- A team from Mechanical Department won the 1st position in the **"Make Your Robo Trick"** conducted by France Institute ESIGELEC and Manipal Institute of Technology.

- A team from Civil Department received **"Students Volunteer Grant and Membership"** in the "Asia Oceania Geosciences Society (AOGS)," Annual Meeting Hongcheon 2020, South Korea.

- Students from M.Sc. Mathematics & Statistics worked even in the **COVID-19** pandemic and done a thorough analysis on the spread. They also performed Geospatial data analysis to track the number of individuals effected using **"Mobility Patterns"**.

Now, Online Games From IIT Tirupati For Increasing Awareness On Covid-19 Pandemic

SurviveCovid-19 is developed as an educational game that helps people in understanding the importance of masks, sanitizers and social distancing to keep themselves and people in their surrounding safe from COVID-19 when they walk around the theme of a city.

Education | Edited by Shihabudeen Kunju S1
Updated: May 1, 2020 1:44 am
IST | Source: NDTV

Odisha uses IIT Tirupati mobility analysis to track covid-19

A software was developed by IIT-Tirupati, called GeoCov19, and is being used by the state government to analyse people movement and physical distancing in redzones and hotspots where more stringent enforcement needs to be deployed.

ETGovernment   May 27, 2020, 10:33 IST

IIT Tirupati portal can gauge country's 'mood'

A.D. Rangarajan

Odisha uses Tirupati IIT mobility analysis to track COVID-19 infection

In Odisha, the State Government deployed security checks and contain spread of infection by analysing the movement pattern hot spots.

Last Updated: 26th May 2020 08:42 A

IIT-Tirupati develops Android based app to track pollution

Sandeep Raghavan / TNN | Updated: Jun 8, 2020, 00:58 IST

TIRUPATI: The Indian Institute of technology - Tirupati, has developed an Android application "AiR:Pollution visualizer" to visualize air pollutants using augmented

Apart from academics, IIT Tirupati hosts many events. They include co-curricular and extra-curricular activities that are organized and run by the students. Many clubs are formed to motivate students to explore their interests and learn new things.

Coding Club

This club encourages a healthy and interactive atmosphere where students from different branches take part. The students learn to code from scratch. Coding contests are conducted throughout the year. Students will get to know how to code and performs many tasks like web designing, app development, object detection, etc. The ones with coding knowledge will be assisting the students, and sometimes the faculties will also take part.

Robotics Club

This club assists in the development of innovative thoughts towards technology. Students will design and develop new methods and ideas to overcoming existing problems like aligning the stacks in supermarkets, fire extinguishing, etc. It helps in gaining knowledge of the present technology like combining AI with robotics and performing tasks like agricultural surveillance for detecting diseases in plants (by using Computer Vision). This club supports the student in under-standing the use and the building of robots by organizing events like seminars, workshops, etc., where they will have hands-on sessions with the robot.

Extra curricular Activities

Technical Festivals

The students have avidly participated in contests held at various technical festivals across the country like Shaastra, TechFest, and Technex along with Inter IIT Tech Meet. Students in large numbers participate in competitions conducted in Tirutsava, our annual techno-cultural festival. The competitions encompass various fields like coding, robotics, computer vision, quizzing, software development, etc.

Literary, Quizzing, Sports, Music and other clubs

Students have actively participated in non-technical events like cultural and sports, etc. This non-technical clubs helped them to develop in all aspects.

Top recruiters of
Internships/ Placements

amazon

Microsoft

LARSEN & TOUBRO
It's all about Imagineering

TOSHIBA

FACTSET

COMMVAULT

MathWorks®

Cognizant

TESCO

L&T Construction

Samsung Research

Mentor
A Siemens Business

VERSA NETWORKS

iManage

tcs | TATA CONSULTANCY SERVICES

UBS

Maybank

BOSCH

waycool
Reimagining India's Food Supply Chain
Fruits · Vegetables · Staples · Dairy

ELAIT

Balfour Beatty

Futures First

AT
Motion Reimagined.

Kimball Electronics
Lasting relationships. Global success.

TIGER ANALYTICS

fincare

Jio

LTI
Let's Solve

ZS

PerceptiveAnalytics

2019-20 Placement Statistics (Domain wise)

- Consulting/ Education: 6%
- Core Engineering: 25%
- Research & Development: 21%
- Finance/ Analytics/ Banking: 9%
- Software Development: 39%
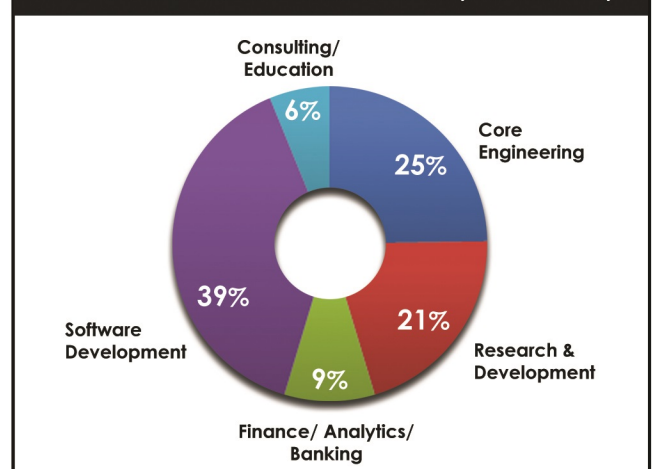
Highest Salary	Average Salary
43.4 LPA	11 LPA

Master Plan

LEGEND:
- PHASE-1 STAGE-1A
- PHASE-1 STAGE-1B
- FUTURE

KEY PLAN

POCKET C
12 Acre

POCKET A
492.8 Acre

POCKET B
19/3 Acre

A RAPIDLY GROWING 3RD GENERATION IIT

Location Map of IIT Tirupati