

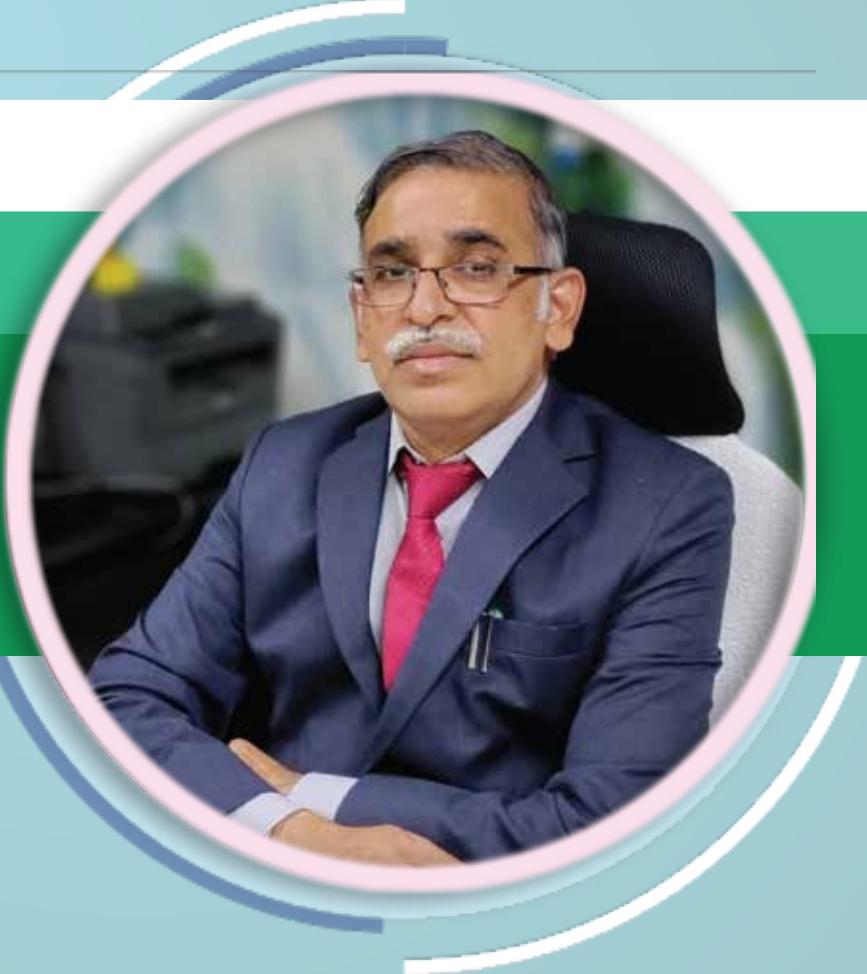


INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL

An Institute of National Importance under the
Ministry of Education, Govt. of India

PLACEMENT BROCHURE

2023 - 2024



DIRECTOR'S MESSAGE

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kurnool is the youngest among five centrally funded IIITDMs and established as part of Andhra Pradesh reorganization act in the academic year 2015-16 at the historical city of Kurnool in Rayalaseema region.

Our Institute is recognized as an Institution of National Importance by an act of Parliament. The institute has a permanent campus at Jagannatha Gattu, Dinnedevarapadu, Kurnool. The institute offers four undergraduate programmes namely, Computer Science and Engineering, Artificial Intelligence and Data Science, Electronics and Communication Engineering and Mechanical Engineering, with a total annual intake of nearly 600 students, three M. Tech Programmes namely, Computer Science and Engineering, Artificial Intelligence and Data Science, VLSI & Embedded Systems, Drones & IOT, Smart Manufacturing and Robots & Automation with an annual intake of nealy 100 students, and Ph.D programme and also Dual degree Programmes of 5 years with B.Tech and M.Tech.

Our campus is located at one of the most scenic locations of Kurnool in a vast 190 acres of land, making it a best and pleasant place for young and aspiring students. Being adjacent to Nandyal – Kadapa highway, the institute is well connected to all parts of the country.

All the faculty are highly qualified with Ph.D degrees from reputed institutes across India and outside India.

The Institute's goal is to provide aesthetically pleasing, environment-friendly green campus facilities to enhance the learning, teaching and interdisciplinary research activities. The Institute has organized various Techno-Cultural activities to enhance the practical learning and Industry Exposure of the students.

I am sure that our students and faculty will carry the flagship of IIITDM Kurnool to greater heights by applying their knowledge in an interdisciplinary manner to provide solutions for various industrial, societal, research and development projects and will stand as responsible and dedicated technocrats in the process of nation building.

I wish all my students best of luck.
Jai Hind

PLACEMENT-IN-CHARGE'S MESSAGE



It's my immense pleasure and I find it is a great opportunity to present you with a group of talented individuals, who have been carved to face challenges that lie ahead for them in the industry and corporate world. In this era of technological innovations, the youthful personalities of our nation must be sustained and urged to be set at the most noteworthy apex of progress.

IIITDM Kurnool is one of the institutes that have been developing with time to be at par with the cutting-edge instructive world. The insight, high energy, and inspiration of our students, as well as their challenging work environments, assure that they bring an additional proportion of development and information to the classroom. The interaction between students and faculty members incredibly enhances the educational experience for all. The blend of brilliant, devoted understudies and master proficient personnel brings about an extraordinary learning climate.

The meticulous academic procedure has furnished students with capable and exceptional abilities to do extremely well in different requesting circumstances effortlessly and certainly.

Our teaching pedagogy (which includes presentations, case studies, live projects, learning by doing, participating in seminars, conferences, hackathons, club activities, sports, and cultural activities) helps towards acquiring abilities pursued and required by organizations.

The present batch of our young budding engineers is endeavoring to be a piece of the enormous powerful industry/organization. The sincere preparation and the encouraging learning environment of our institute have made them proficient in the basic as well as specialized fields of relevance. The various value-added courses being imparted at the Institute have given adequate exposure to our students. Apart from core technical skills, our students are competent in soft skills too. IIITDM Kurnool has provided a perfect environment for developing the overall personality of the students. We are sure that these youngsters would be an asset to your association/organization through their specialized and administrative capacities and their ability for advancement. We aim to actively assist you in attracting and identifying the individuals best suited to your needs and in developing a successful recruitment relationship.

I additionally, offer my genuine thanks to the large number of organizations who have stretched out their dynamic co-activity to the department in achieving its undertaking successfully. It is for sure a distinction to introduce our students to your esteemed organizations and I anticipate your collaboration in the placements of our students.

I wish all the best to my students.

OUR INSTITUTE

"To become a leading institute of higher learning in Information Technology enabled design and manufacturing to create technologies and technologists befitting the industries globally."



Indian Institute of Information Technology Design and Manufacturing Kurnool (IIITDMK) was announced in 2014 after receiving the assent of President of India to the Institutes of Information Technology Act, 2014, and its subsequent publication in the Gazette of India, Extraordinary, Part- II, Section I, on December 08, 2014. The Institute is located far away from the bustling life of metropolis in the mineral-rich mountain trails of Rayalaseema region of Andhra Pradesh. The place offers a perfect environment to nurture a peaceful state of mind required to carry out research and other student activities. The campus is situated at the top of a hill that oversees the Kurnool city. The beautiful mountain and valley offer a scenic view of sunrise and sunset.

The campus is located alongside the Rayalaseema Express Highway (NH 40) at a paltry distance of 20 kilometers from Kurnool Airport. Our Institute has excellent infrastructure, world-class faculty, state-of-the-art laboratories and sports amenities in the permanent campus. Currently, the Institute offers admissions to B. Tech, M. Tech and Ph.D programmes in the branches of Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Artificial Intelligence and Data Science.

OUR JOURNEY AT IIITDM KURNOOL

2014

IIITDM Kurnool was announced by the Government of India under the Andhra Pradesh reorganization Act

2015

IIITDM Kurnool launched its academic programme with the support of its mentor Institute, IIITDM Kancheepuram
Started B. Tech CSE and ECE with intake of 25 seats in each

2016

Started B. Tech CSE, ECE, ME with intake of 40 seats

2017

IIITDM Kurnool was recognised as “An Institute of National Importance”

2018

Inauguration and development of IIITDM Kurnool permanent campus

2019

Started Ph.D programmes at IIITDM Kurnool

2020

Started B. Tech in Artificial Intelligence and Data Science

2021

Intake of branch seats increased to CSE-70,
ECE-60, AIDS-60 MECH-50

2023

Started M.Tech courses in
CSE - Artificial Intelligence & Data Science,
ECE - VLSI & Embedded Systems, Drones & IOT
MECH - Smart Manufacturing, Robotics & Automation
and also started Dual Degree of 5 Years in Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering

OUR VISION



To become a leading Institute of higher learning in Information Technology enabled Design & Manufacturing to create technologies and technologists befitting the industries globally

OUR MISSION



To become a center of excellence pioneering in education, research & development, and leaders in Design & Manufacturing

OUR CHARTER



To carry out advanced research and development activities in Design and Manufacturing technologies, both on its own and on sponsorship basis for the industry

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ADMISSIONS



- For Ph.D admissions, GATE, UGC NET, Joint CSIR & UGC NET, JEST and Institute Entrance Exam is conducted
- Admissions are based on GATE Ranks for the M. Tech programmes
- All those students who have cleared the Joint Entrance Examination (JEE Mains) and have a valid AIR, are eligible for taking admission in the B. Tech programmes offered by IIITDM Kurnool and which stands as a testimony in itself about the quality of our students.

Ph. D

**Institute Entrance
Exam**

M. Tech

**GATE
Rank**

B. Tech

**All India Rank based
on JEE Mains**

Academic Programme

B.Tech

- CSE - Computer Science and Engineering
- AI&DS - Artificial Intelligence and Data Science
- ECE - Electronics and Communication Engineering
 - Specialization in Design and Manufacturing
- MECH - Mechanical Engineering
 - Specialization in Design and Manufacturing

M.Tech

- CSE - Computer and Science Engineering
 - Computer Science Engineering
 - Artificial Intelligence & Data Science
- ECE - Electronics and Communication Engineering
 - VLSI & Embedded Systems
 - Drones & IOT
- MECH - Mechanical Engineering
 - Smart Manufacturing
 - Robots & Automation

Ph.D

- CSE - Computer Science and Engineering
- ECE - Electronics and Communication Engineering
- MECH - Mechanical Engineering
- Dept. of Physics, Mathematics & English Sciences

Industry Connect

Kurnool Collaboration

Engagement with a large integrated industrial town, which hosts more than 75 MNCs from 5 countries enabled through industry partners.

Senate & Programme Advisory Group

Academics from top institutes in India and executive segments share their expertise for curriculum design.

Multilevel Engagement

Teaching of courses, workshops, curriculum reviews, project evaluations, research committees, internships and semester-long projects.

Curriculum

CSE



Computer Science and Engineering curriculum is modeled on the ACM (Association for Computing Machinery) recommendations and is the first of its kind engineering programme offered in India. This programme is aimed at producing engineers equipped with skills required for efficient hardware-software interaction.

The Programme encompasses a variety of topics that relates to computation, like Artificial Intelligence, Parallel Programming, Cloud Computing, IoT, NLP, and Data Science. In addition to courses offered by the conventional Computer Science curriculum, this novel program offers core courses such as Embedded Systems, Human-Computer Interaction, Simulation and Modelling, Signals and Systems, Product Design, etc. that equip the students with both computing and electronics engineering skills that are very much required for the successful creation of products requiring hardware - software interactions.

Following are the core courses being taught in CSE department:

- » Automata and Compiler Design
- » Artificial Intelligence
- » Computational Engineering
- » Computer Architecture
- » Computer Networking
- » Computer Organisation & Design
- » Design & Analysis of Algorithms
- » Discrete Structures for Computing
- » Operating Systems
- » Probability & Statistics
- » Programming & Data Structures
- » DataBase Systems



Curriculum AI & DS

B.Tech in Artificial Intelligence and Data Science is a most demanded degree programme with the curriculum specifically designed to nurture future-ready Artificial Intelligence and Data Science professionals. Expert members from academia and industry have provided inputs in introducing specialized courses in the curriculum to suit the in-demand, industry-relevant skills.

To further enhance the quality of the programmes, the department has academic collaborations with several Industrial Experts who are working in some of the prestigious companies across the world.

Following are the core courses being taught in AI & DS department:

- » Database Management Systems
- » Data Communications & Networking
- » Data Mining
- » Data Structures & Algorithms
- » Design & Analysis of Algorithms
- » Discrete Mathematics
- » Game Theory
- » High Performance Computing
- » Machine Learning
- » Operating Systems
- » Probability & Statistics
- » Programming Languages
- » Python Programming
- » Software Engineering
- » Introduction to Artificial Intelligence & Data Science
- » Introduction to Problem Solving & Computer Programming



Curriculum ECE

Today's Electronic Product Design and Development requires the skillful blend of expert hardware and software engineering together with a spirit of creativity and innovation that is also tempered by the practical concerns of manufacturability, cost consciousness and reliability.

The Electronics and Communication Engineering with specialization in Design and Manufacturing curriculum is designed to provide advanced theoretical and practical training of all aspects relevant to the design, development, and production of modern electronic systems and subsystems.

The Electronics and Communication Engineering with specialization in Design and Manufacturing programme prepares you for a wide range of engineering study and career options, including Business, Biomedical Engineering, Computer Hardware, the Aerospace Industry, Computer Software, Nano Electronic Chips, Photonics, Nano Engineering, Robotics, and Solar Energy Harvesting and Distribution.

Following are the core courses being taught in ECE department:

- | | |
|----------------------------------|---|
| » Analog & Digital Communication | » Microprocessors & Microcontrollers |
| » Analog Circuits | » Signals & Systems |
| » Digital Logic Design | » Sensing Instrumentation |
| » Digital Signal Processing | » VLSI Design |
| » Embedded Systems | » Mechanical Design of Electronic Systems |
| » Wireless Communications | |

Curriculum MECH



Mechanical Engineering with specialization in Design and Manufacturing offered by IIITDM Kurnool augments the existing Mechanical Engineering curricula offered by IITs by offering design courses on conceptualization, visualization, and engineering simulations. Equipped with well-structured instruction and learning resources and research facilities, the institute aims to disseminate education in the interdisciplinary areas of design and manufacturing engineering.

Design visualization imparted through graphic art practice and product design practice enables the students to conceptualize, design, simulate and develop tangible products. Students undergo interdisciplinary courses such as Embedded Systems Instrumentation, Controls, Automation and Advanced Manufacturing Technology that will help them to design and develop innovative engineering products. Students can choose courses among electives and pursue their interests. The program offers a blend of courses that impart knowledge on design thinking and interdisciplinary engineering in addition to basic sciences.

Following are the core courses being taught in MECH department:

- » Additive Manufacturing
- » Automation in Manufacturing
- » CAD / CAM
- » Computational Methods in Engineering
- » Design for Manufacturing & Assembly
- » Design of Machine Elements
- » Dynamics of Machinery
- » Fluid Machinery & Hydraulic Machinery
- » Kinematics of Machinery Mechanics of Materials
- » Quality Inspection & Product Validation
- » Thermodynamics

LABORATORIES



- Computer Architecture
- Computer Networking
- Computer Organisation & Design
- Database Systems
- Language Laboratory
- Object Oriented Algorithm Design & Analysis
- Operating Systems
- Product Design

CSE &
AI-DS

ECE

- Analog/Digital Electronic Circuits
- DSP & Communication
- Electric Drives
- Electronic Manufacturing & Prototyping
- Internet Of Things
- Language Laboratory
- Microprocessor & Embedded Systems
- RF & Microwave Integrated Circuits
- Sensing & Instrumentation
- VLSI Design

- Fluid Mechanics & Heat Transfer
- Language Laboratory
- Manufacturing Automation
- Manufacturing Technology
- Mechanical Design
- Quality Inspection & Product Validation
- Thermal Engineering Systems

MECH.

INTERNSHIPS

As part of the curriculum, every B. Tech student needs to undergo an internship for a period of 5 months (January - May).

PRE-INTERNSHIP

- Faculty mentors are chosen and assigned to students
- Students are provided with necessary theoretical inputs like technical skills, project management, goal setting, communication skills, research methodology

INTERNSHIP

- Internship/Training Coordinator Appointment
- Alumni Mentor Appointment
- Weekly activity report
- Written monthly activity report
- Visit of Co-op Faculty Coordinator to the internship location
- Final evaluation of student by the Faculty/Industry mentor

POST-INTERNSHIP

- Project report submission, with consideration of comments/suggestions from Internship/Training Coordinator
- Presentation by students to reflect their accomplishments, experiences and learning which adds value to their growth

TECHNICAL CLUBS



Khagolanveshan

Astronomy Club

**Google Developer
Students Club**

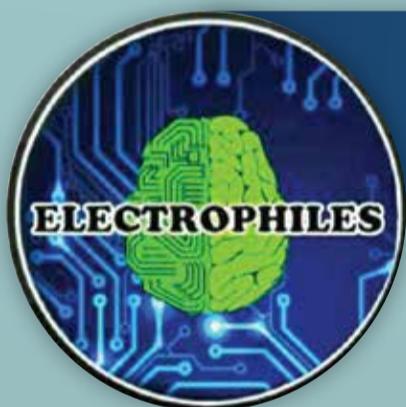


Mech-an-Idea

Mech. Technical Club

The DataWorks

Data Science Club



Electrophiles

ECE Technical Club

E & B Cell

Entrepreneurship &
Business Club



**IEEE
Student Branch**

**From The Hilltop
Institute Newsletter**

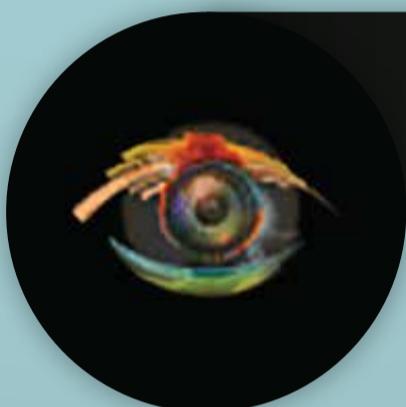


CULTURAL CLUBS



Art Fibers

Art Club



Apertura

Photography Club



Thug D'ancers

Dance Club



Sahitya

Literature Club



Roohaniyat

Music Club



Narthanashala

Drama Club



FMC

Film & Media Club



Masti Mazah Samooh

Fun Club

ABOUT TRAINING & PLACEMENT CELL

IIITDM Kurnool an "Institute of National Importance" is growing day by the day and reaching greater heights. The Institute focuses not only on the career-oriented growth of the students but also on making them resourceful and independent. There is a consistent growth in our placements graph. Graduating, today more than ever needs the student to equip oneself with in-depth knowledge of the subject, which is the prime focus of our teaching at IIITDM Kurnool. Our pedagogy gives equal importance to both theoretical and practical nature of education. The need of the hour is to instill advanced communication skills alongside quality technical expertise. The Placement Cell at IIITDM Kurnool is committed towards achieving 100 percent placements for students. The Placement Cell is active in organizing workshops, guest lectures and seminars and also encourages them to participate in various other extra-curricular activities. We are passionate towards grooming our students not only to become competent, skilled and knowledgeable individuals but also as dedicated and responsible citizens of India.

The Training & Placement Cell provides all audio-visual aids as per the requirement and protocol of the visiting organization for various placement related events such as presentations, conferences, written test, group discussion and personal interviews. If any organization desires to conduct online tests for the students, all the necessary arrangements will be made on campus as per requirements of the organization on prior intimation.

VISION & MISSION OF PLACEMENT CELL

OUR VISION



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OUR MISSION



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RECRUITMENT PROCESS



Companies wishing to participate in the recruitment process at Indian Institute of Information Technology Design and Manufacturing Kurnool are requested to indicate the job profile, preferred skill set and CTC by dropping a mail to placementcell@iiitk.ac.in. Based on this information, the schedule for the placement drive is fixed by the placement cell in consultation with the company.

On-Campus

The drive is conducted as scheduled. Companies can choose to give a pre-placement presentation. The entire procedure for recruitment (Group Discussion, Aptitude Test, Personal Interview etc.) is as per the company's policy. All facilities and logistics for the recruitment will be arranged by the placement cell.

Companies which are unable to visit the Campus are provided with the updated CV/Resumes of the registered students. The company may choose to shortlist the students and call them for the recruitment process at their office. Post recruitment process the recruiting company is required to announce and intimate the college placement cell about the final list of selected candidates.

Off-Campus

PLACEMENT PROCESS



STUDENT ACCOMPLISHMENTS



Facet: Interface 2022 by BITS Pilani (AIR-1)

Three Students from 3rd year AI&DS department, Jaimin, Happy and Mohit has participated in a renowned All India competition named Facet: Interface Conducted by BITS Pilani. This consisted of 3 rounds including Quiz, Model Submission and Presentation Rounds, in which they secured a All India rank 1.

Codevita 2022 (AIR-2845)

Sai Deepika Lahari, 4th year CSE student, has participated in a most renowned coding competition of India named TCS Codevita 2022. This was conducted as a Three Rounds by the TCS all over India, in which she secured an AIR 2845.



Flipr Hackathon XIII ML task (Winners)

Four Students from 3rd year, Nishchala, RajaSai, Shivam, Sarabjeet has participated in a Flipr Hackathon XIII ML task and has successfully completed it in A+ Grade. It was a most renowned coding competition on react based real-world project for college students.

Google Kickstart (AIR-178)

Paras Yadav, 3rd year CSE student has participated in World-wide Google Kickstart competition. He has achieved an All India rank of 178 and 363 Global Rank in Round H. It was a highly competitive contest with eight official rounds and a three practice rounds.



IEEE Paper - CSNT 2023

Saladi Pravallika, Final year ECE student has published a research paper in the 12th IEEE conference CSNT-2023 held on 09-Apr-2023. Her work was based on the "Electromagnetic Inverse Scattering Problem Solved by DConvNet and Adapted Attention U-Net".

Tata Campus Crucible 2022

Kumar Akashdeep, 3rd Year CSE participated in TATA Campus Crucible 2022 and emerged to be one of stop 6 state finalists in the quiz. He cleared a total of 3 rounds to reach this position.



Avishkaar 2022

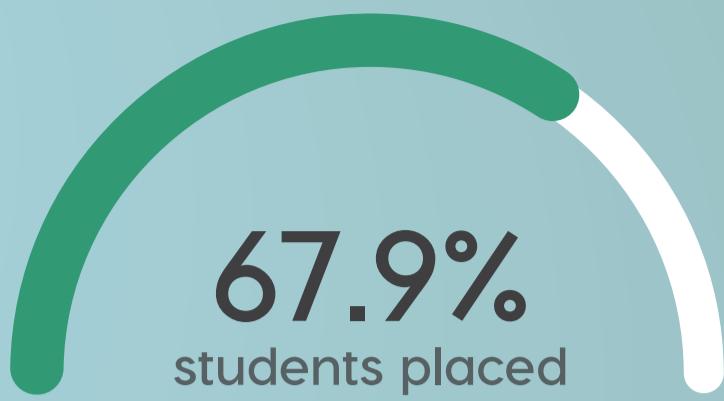
Kumar Akashdeep and Rahul Balachander of 3rd year participated in Avishkaar 2022: State Level Innovation Competition and secured 2nd rank in the competition.

PLACEMENT STATISTICS 2019-2023



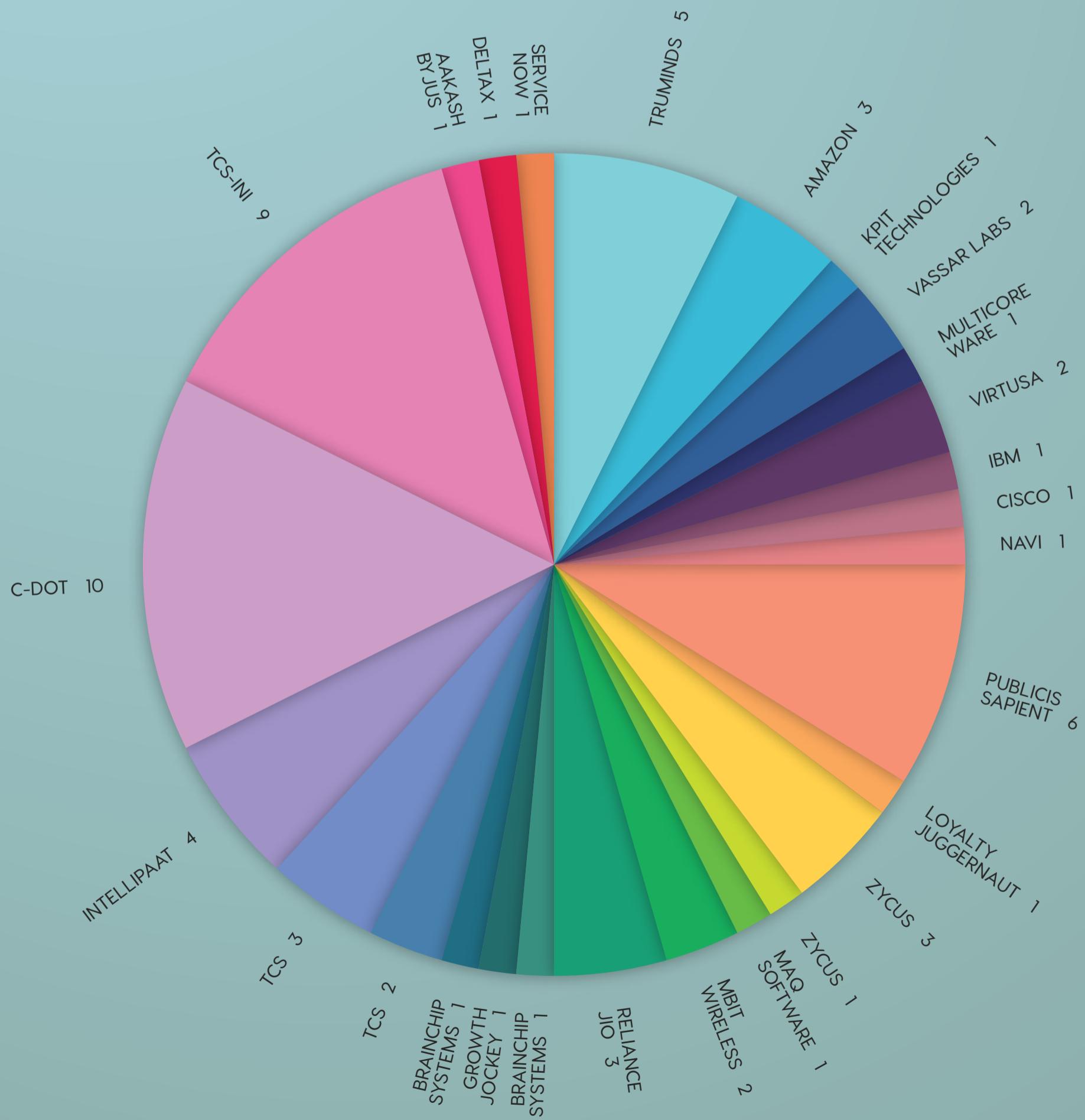
S. No.	Organisation Name	No. of Students selected	Package in LPA
1	TRUMINDS	5	5
2	AMAZON	3	26.5
3	SERVICE NOW	1	23
4	VASSAR LABS	2	6
5	MULTICORE WARE	1	7.2
6	VIRTUSA	2	5
7	IBM	1	7.2
8	CISCO	1	24.7
9	NAVI	1	28
10	PUBLICIS SAPIENT	6	12.47
11	LOYALTY JUGGERNAUT	1	10
12	ZYCUS	3	5.5

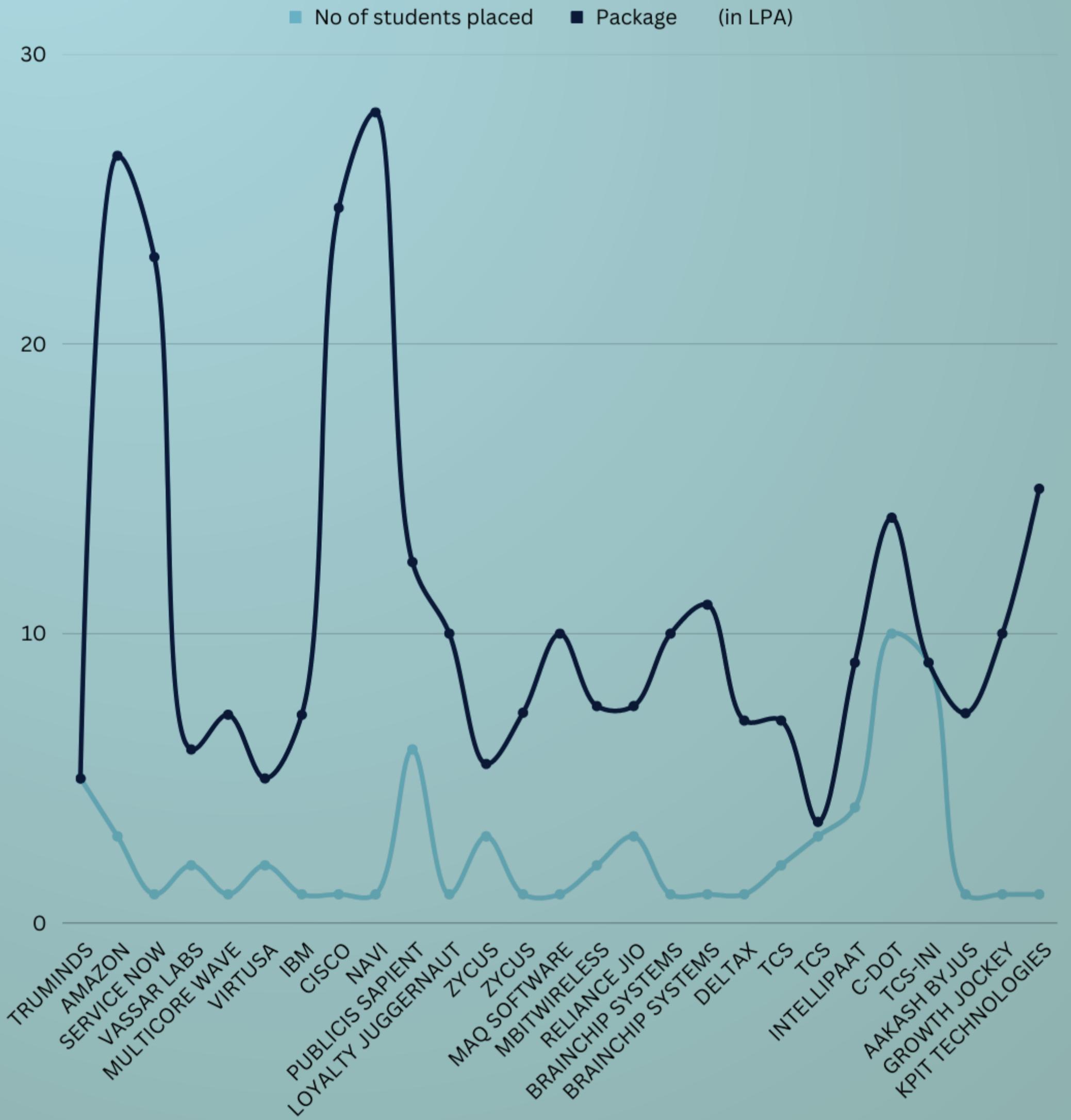
S. No.	Organisation Name	No. of Students selected	Package in LPA
13	ZYCUS	1	7.27
14	MAQ SOFTWARE	1	10
15	MBIT WIRELESS	2	7.5
16	RELIANCE JIO	3	7.5
17	BRAINCHIP SYSTEMS	1	10
18	BRAINCHIP SYSTEMS	1	11
19	DELTAX	1	7
20	TCS	2	7
21	TCS	3	3.5
22	INTELLIPAAT	4	9
23	C-DOT	10	14
24	TCS-INI	9	9
25	AAKASH BYJUS	1	7.25
26	GROWTH JOCKEY	1	10
27	KPIT TECHNOLOGIES	1	15

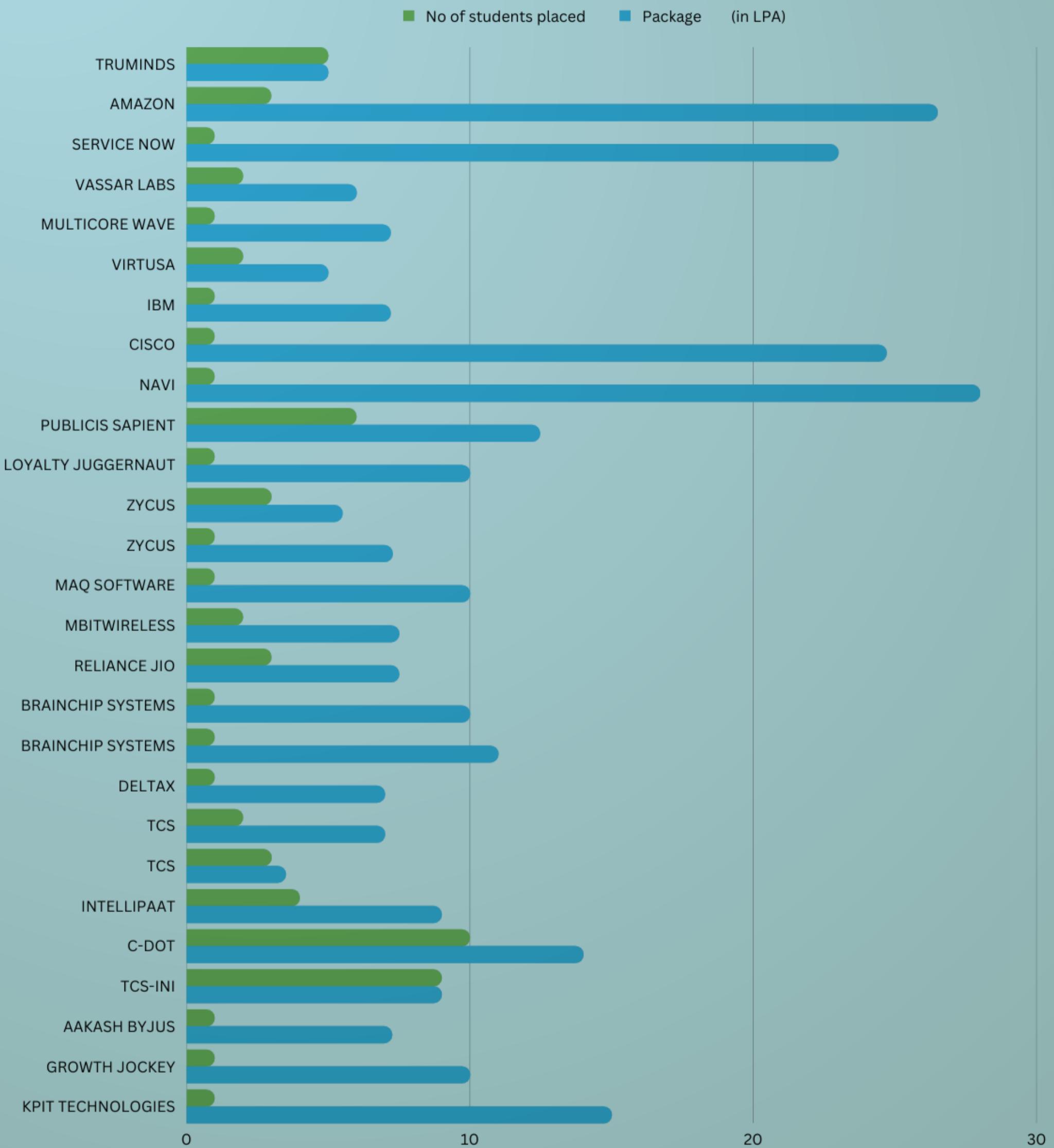


Total number of students placed: 55

Total number of student participated: 81



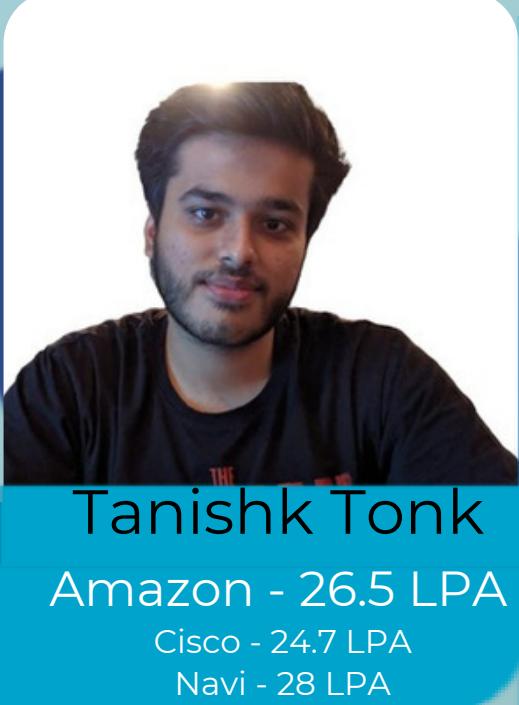




PREVIOUS RECRUITERS



TOP PLACEMENTS



Tanishk Tonk
Amazon - 26.5 LPA
Cisco - 24.7 LPA
Navi - 28 LPA



Pranab Kumar
Singh
Amazon - 26.5 LPA



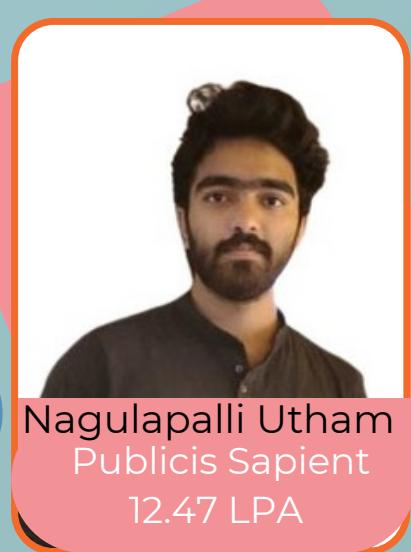
Kamatham
Pavan
Amazon - 26.5 LPA



Nandini
Loomba
Service Now - 23 LPA



Swetha Reddy
KPIT - 15 LPA



PLACEMENT CO-ORDINATORS

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Indian Institute of Information Technology Design & Manufacturing Kurnool

AN INSTITUTE OF NATIONAL IMPORTANCE UNDER MoE, GOVT. OF INDIA