



NSUT East Campus

Placement Brochure
2020-2021

Netaji Subhas University of Technology East Campus
(formerly Ambedkar Institute of Advanced Communication
Technologies and Research)
Geeta Colony, Delhi - 110031

“Welcome

“We extend a very warm welcome to all the recruiters and look forward to a mutually rewarding relationship.”

Director's Message

PROF PRERNA GAUR
(DIRECTOR NSUT EAST CAMPUS)



NSUT East Campus is a top-grade engineering institute established by the Government of Delhi. The basis of teaching at NSUT East Campus is to tie in teaching with research and ethics. Research and development of a technical aptitude of the students help them get ready to enter the industry with enthusiasm and zeal. Moral values and ethics play an important role at the campus preparing the students to strive well in the ever-changing industry. Students join the institute through the Joint Engineering Entrance Exam (JEE) and take part in various co-curricular and extra-curricular activities apart from academics. Various cultural and technical clubs assist in the holistic development of the students. I am very sure that the students of this institute will be an asset to the industry and research organizations. I furthermore wish the students all the success in life.

TPO's Message



PROF SOVEN K. DANA
(TPO NSUT EAST CAMPUS)

The training and placement cell is one of the most important departments of the institute. NSUT East Campus since its inception has tried to establish itself as a leader in the fields of Computer Science Engineering and Electronics and Communication Engineering. The department organizes various training events including mock aptitude tests, mock coding contests, and soft skill workshops to upskill the students and train them for an extremely important phase of their lives. The institute currently offers two B.Tech and four M.Tech specializations. The institute encourages the students to take part in industrial training and internships as per the university norms. The placement record of our students is indicative of their excellent capabilities and fruitfulness in the industry. Students at NSUT East Campus have received offers from leading organizations such as Cognizant, TCS, Accenture, Samsung (Research Lab), SAP Labs, Tech Mahindra, Bristlecone, Ernst & Young, etc. I wish the students the best in their future endeavors.



Who are We?

NSUT East Campus offers rigorous courses and vast exposure through multivariate extra-curricular and co-curricular activities. Besides, students are skilled with social skills along with technical expertise. In contemporary times, these students work in multi-faceted domains like on roles as scientists, designers, technologists, business managers, entrepreneurs, etc. Also, several alumni has transcended from their original disciplines to another fields of administrative services, active politics, NGOs, etc. Our Students are significantly contributing in nation building and to the technological expansion and industrial developments around the globe. The institution, in itself, is ranked amongst the best in the country.

Our Academics

UNDERGRADUATE

The journey of an undergrad student begins with foundation courses in sciences, humanities and social sciences. In subsequent semesters, students pursue core departmental courses to gain an in-depth knowledge of their specialization. Electives are offered to develop understanding of topics outside their parent department.

POST GRADUATE

Aim of specialized masters programs at NSUT East Campus is to train students in theoretical concepts which will enable them to tackle practical complex problems of design and development in industrial fields, as well as pursue further academic achievements through research. Students in post graduate programs tread on a rigorous journey of self discovery and success.

While completion of courses bring students closer to completing their degree at NSUT, what drives the academic culture is the zeal to learn and apply, both from students' as well as professors' end. Many students come up with innovative, novel ideas registered as patents, or even incubated as start-ups.

B.Tech CSE

60

B.Tech ECE

120

M.Tech (IS)

18

B.Tech CSE
(Big Data Analytics)
(CSDA) **

60

B.Tech CSE
(AI and ML)
(ECAM) **

120

M.Tech (DC)

18

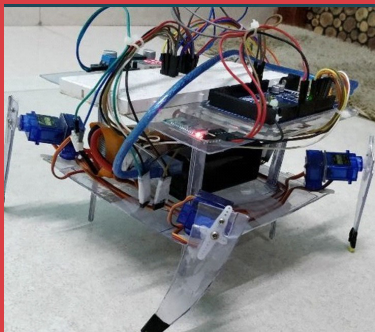
These are the numbers of intake students in each course.

** New courses introduced in this academic session

Our Students

Students undertake various interdisciplinary research and industrial projects under the guidance of the faculty, solving real time problems pertaining to core research and industry.

PROJECTS



TRAINING

Students take part in semester long Internship in department specific or non- departmental industry. Apart from this, various industry visits and training sessions are organized for the students.

Students actively participate in cultural, literary and sports activities where they gain team spirit, inter personal skills and leadership qualities. It gives an edge to their personality with holistic growth

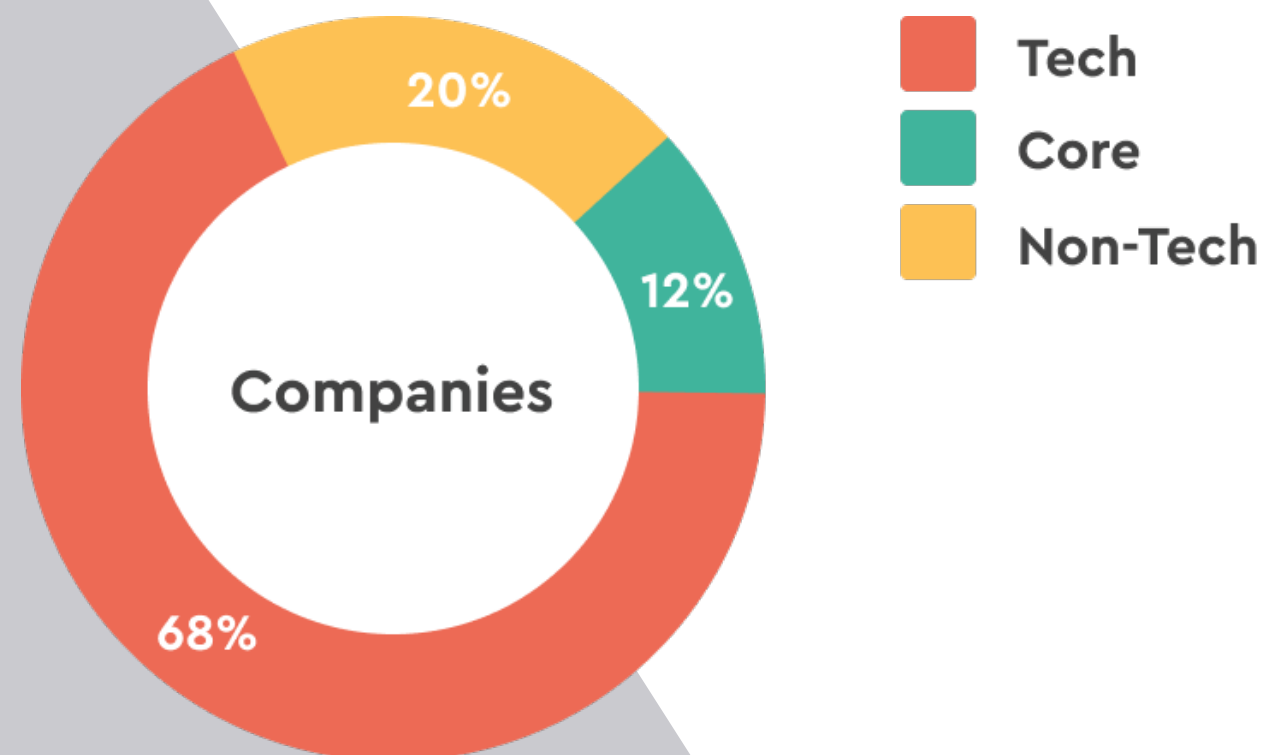
ACTIVITIES



Why hire from NSUT ?

Inaugurated in 2006, to cater to the needs of technical education due to the growth of manpower. AIACTR was started in 2001 with 30 intakes each in ECE and CSE branch. It is envisaged that more technical manpower will be required. Due to high growth of technical industries many of Multi National Companies have come up in and around Delhi. To cater the needs of these industries large technical manpower is required. With the merging of NSUT and now AIACTR functioning as the East Campus , great times are ahead with respect to education in research and engineering.

NSUT is recognized country wide as a leader in the field of research and education in engineering and sciences. Our mission is to create an ambience in which new ideas and creativity flourish. The dynamic and constantly evolving academic program reflects the institute's commitment to stay in tune with the expanding frontiers of knowledge worldwide. Extracurricular activities are also treated with equal importance towards overall development making the students at NSUT EAST CAMPUS fit to take on the challenges faced in the competitive corporate world. Backed by the support of Alumni in different sectors and guidance of esteemed professors, we strive to offer highly nurturing environment to all it's students.



Students of our campus have been recruited in several International as well as Indian companies and have proved out to be a great asset to their organizations..

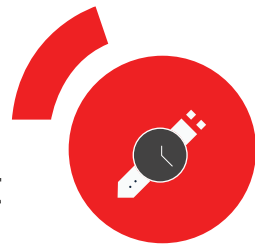
CORE VALUES

- Integrity and accountability.
- Respect and tolerance for the views of others.
- Attention to issues of national relevance as well as of global concern.
- Breadth of understanding, including knowledge of the human sciences.
- Appreciation of intellectual excellence and creativity.
- Unfettered spirit of exploration, rationality and enterprise.

HOW TO RECRUIT

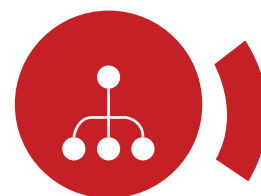
CONTACTING THE COMPANIES

This step is the first and most crucial for the whole placement process. As soon as this is done successfully the chain continues on to further steps.



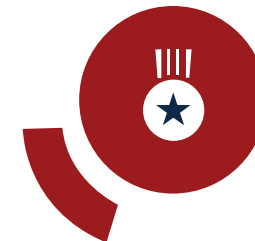
SUBMISSION OF CVs

The placement Cell would provide the company with CVs of interested Candidates.



SHORTLISTING OF CANDIDATES

This option will be available to all the companies who wish to make it a part of the process.



GROUP DISCUSSION / INTERVIEWS

The venue will depend on the convenience of both the recruiter and the candidates.

JOB OFFERS

Selected candidates after due procedure will maintain direct contact with the company regarding further details such as joining date, locations, etc.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

B.Tech.

M.Tech. (Information Technology)

Computer Science is one of the most popular branches of engineering and is rapidly growing day by day. It helps us to solve challenging problems using computation and is the solution to every problem in the world at present and in future too. In Computer Science Engineering, Students shall also study and specialize in Big Data Analytics.

Data is the new gold and keeping that in mind this course has been designed in a manner that promises to teach students how to reap benefits of big data for businesses and give them a global understanding of the opportunities the technology presents. This course shall impart training in statistics, Data Mining, Data Warehousing, Data Visualization etc. This would help in understanding and handling huge amounts of Data of an organization and helping them make informed decisions.

COURSES WE STUDY

- Data structures & Algorithms
- Machine Learning, Deep learning
- Reinforcement Learning
- Artificial Intelligence, NLP
- Cryptography and Computer Security
- Advanced Distributed Systems
- Wireless networks
- Compiler Optimizations
- Operating Systems

LABS WE HAVE

- Information Security Lab
- Multimedia Lab
- Computing Lab
- Networking Lab
- Software Engineering Lab
- Data Mining Lab
- Operating Systems Lab

RECENT PROJECTS

– IoT Based Intelligent Vehicle Parking Solution System

Intelligent parking system described in this paper solves the parking issue and fits in the smart city development, this system is based on cloud-based parking system where user is able to get location of parking spot with the help of sensors network and cloud computing.

– Automatic Speech Recognition For Hindi Language

This project is an automatic speech recognition system for isolated Hindi digits. Trained model was tested using 5 speakers. The system shows 69.21-word accuracy.

DEPARTMENT OF ELECTRONICS & COMMUNICATION

B.Tech.

M.Tech. (Signal Processing)

M.Tech. (Digital Communication)

Electronics and Communication Engineering are the two most specific entities of modern day technology. This course shall empower students to provide innovative ideas and solution to problems in the world in the Electronic and Communication Industry. The course gives you a thorough knowledge within various disciplines coming under Electronics and Communication such as Embedded System, Internet of Things (IOT), Robotics etc.

Within this course, students shall be specialized in Artificial Intelligence and Machine Learning. This Course provides an opportunity to the students to learn the insights to the most important technologies driving the modern world namely Artificial Intelligence and machine learning. Students will be given a 360 degree exposure to various Hardware and Software platforms that are used in Industry for AI and IoT development.

COURSES WE STUDY

- Optical Communication Systems
- Embedded Systems
- Digital Image Processeing
- MOS VLSI design
- Satellite Communication
- Analog and Digital Electronics
- Analog and Digital Communications
- Digital Signal Processing

LABS WE HAVE

- Electrical Technology Lab
- Analog Electronics Lab
- Digital System Design Lab
- VLSI Design Lab
- Microwave Engineering Lab
- Microporcessor Lab
- Optical Communications Lab

RECENT PROJECTS

– Hand Motion Controlled Quadpod Robot

The aim of this project is to develop an autonomous robot that can easily overcome the shortcomings of the traditional wheeled robots while being reliable and robust.

– Smart Traffic Light System

The project aims to contol traffic light according to the density of the vehicles present on the roads.

– Automated Waste Segregation Dustbin

This project uses an AI powered image classification system which segregates waste into three categories
Bio-degradable, recyclable and hazardous.



CONTACT US

Prof Soven K. Dana (TPO)

Email: tpsc.eastcampus@nsut.ac.in

Phone Number: +91 9886817639

Netaji Subhas University of Technology
East Campus
(Formerly AIACTR), Geeta Colony, Delhi
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