



Netaji Subhas University of Technology

Govt. of NCT of Delhi

(Formerly Netaji Subhas Institute of Technology)

Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi-110078



INFORMATION BROCHURE FOR ADMISSION TO

Ph.D.

PROGRAMME EVEN SEMESTER (WINTER) 2026-2027



नेताजी सुभाष प्रौद्योगिकी विश्वविद्यालय NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

A State University Under Delhi Act 06 Of 2018, Govt. of NCT of Delhi
(Formerly Netaji Subhas Institute of Technology)

Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi-110078

Phone : +91-11-25099025 E-mail : vc@nsut.ac.in, Website : www.nsut.ac.in

Prof. Anand Srivastava

Vice Chancellor



Message from the Vice Chancellor

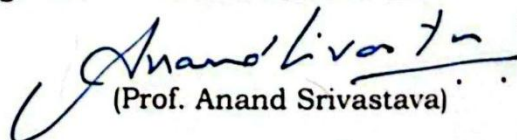
It gives me immense pleasure to welcome aspiring researchers to Netaji Subhas University of Technology (NSUT) for admission to the Ph.D. programmes for the Academic Session 2026-27 (Even Semester). With a rich legacy of more than four decades, NSUT has grown into a vibrant institution committed to excellence in education, research, and innovation. We believe that a university's true strength lies in its ability to create new knowledge and use it to address the challenges and opportunities of a rapidly changing world.

At NSUT, we encourage our scholars to look beyond conventional boundaries and pursue research with curiosity, originality, and purpose. Our Ph.D. programmes provide an environment where scholars can work closely with experienced faculty members, explore emerging areas of knowledge, and engage in interdisciplinary research. We aim to nurture independent thinkers who are not only academically accomplished but also conscious of the wider impact their research can have on society.

Research at NSUT is closely connected with innovation and the development of meaningful solutions to real-world problems. The University continues to strengthen its research infrastructure, collaborations, publications, patents, and other initiatives that provide scholars with opportunities to translate their ideas into impactful outcomes. We also value and recognise the efforts of our researchers through various academic and research initiatives, encouraging them to continuously strive for excellence.

A Ph.D. is much more than an academic qualification; it is a journey of learning, questioning, perseverance, and discovery. It requires commitment and patience, but it also offers the satisfaction of contributing something new to one's field. I am confident that the research community at NSUT will provide an enriching environment for scholars to develop their ideas, learn from one another, and contribute meaningfully to the advancement of knowledge.

I invite talented and motivated candidates to become a part of the NSUT research community and take forward their aspirations with dedication and confidence. I extend my best wishes to all candidates applying for the Ph.D. programmes for the Academic Session 2026-27 (Even Semester) and hope that their journey at NSUT will be intellectually rewarding, professionally enriching, and personally fulfilling. I look forward to their contributions towards building a stronger and more innovative future.


(Prof. Anand Srivastava)

Ph.D. ADMISSIONS: SESSION 2026-2027 (EVEN SEMESTER)

APPLICATION PROCESS AND IMPORTANT DATES

(For Final Schedule & Important Dates, visit NSUT website: www.nsut.ac.in)

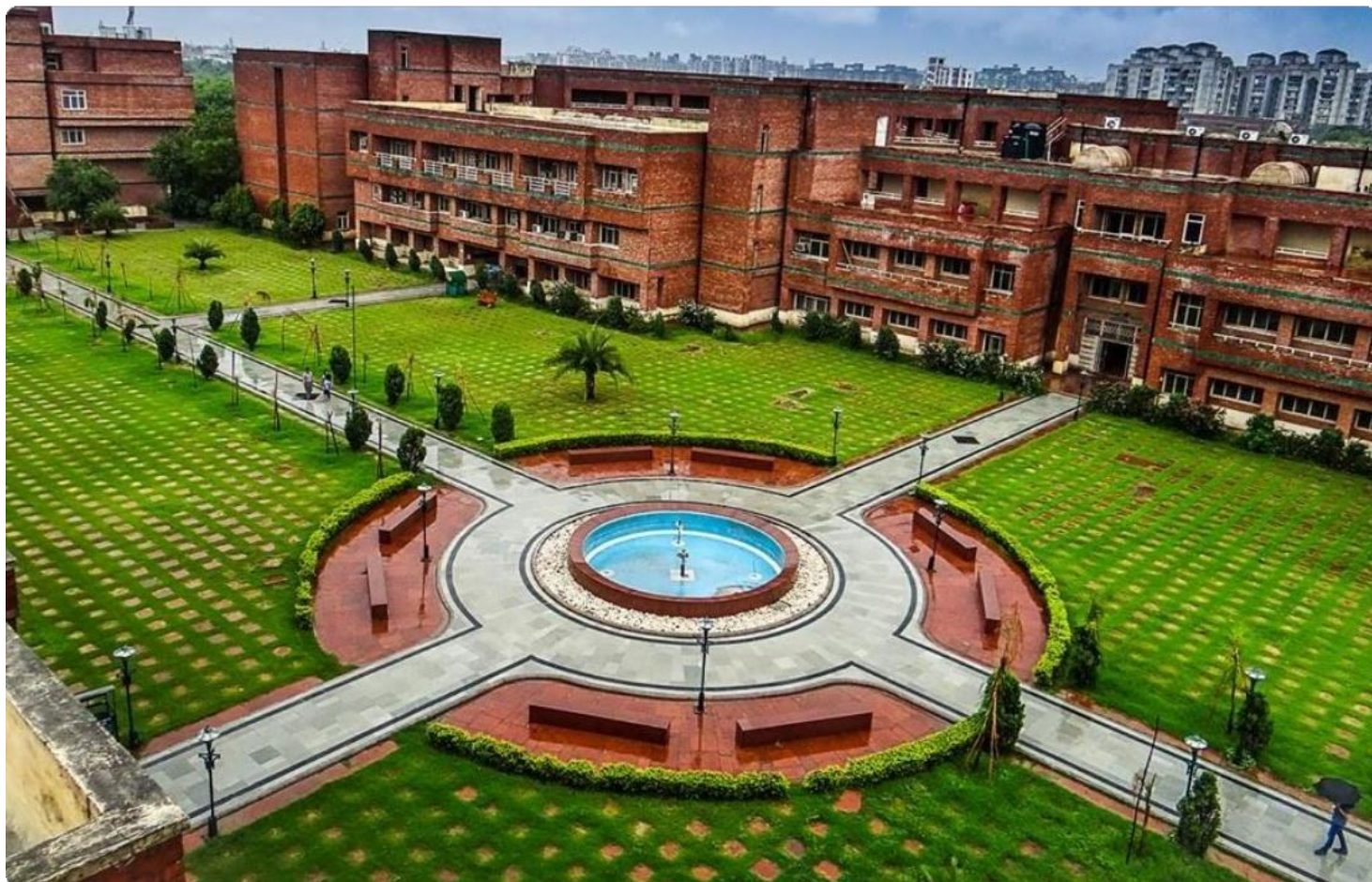
Sr. No.	Event	Proposed Dates	Contact
1	Online Applications	05/10/2026 to 30/10/2026	-
2	Submission of NOC by the candidates in the Academic Section. (candidates who seek exemption from written test may submit application in the prescribed format available in Academic Section)	30/10/2026 Friday	Academic Section
3	Issue of Admit Card by CUMS (All candidates except those who have been exempted from written test shall be issued an admit card)	04/11/2026 Wednesday	CUMS admissions@nsut.ac.in
4	Ph.D written test. It shall be held in Pen-Paper mode at NSUT Main campus) for all candidates except those who have been exempted from written test 2 hours Entrance Exam based on Research Aptitude/Methodology + Subject specific syllabus (50 MCQs each). <i>Note: Detailed date sheet will be issued later. Actual time of Entrance Exam shall be displayed on Admit Card</i>	15/11/2026 Sunday	Examination Section
5	Display of list of eligible Ph.D. candidates who cleared written test after Preliminary Screening (done by the respective Departments w.r.t. eligibility criteria & Qualifying degree)	18/11/2026 Wednesday	Examination Section & Concerned Department
6	Verification of Original Documents (w.r.t. eligibility criteria & Qualifying degree) before Interview by the concerned Departmental Committee.	On the date of the Interview.	Concerned Department.
7	Ph.D. Interviews (Schedule shall be displayed)	10/12/2026 to 15/12/2026 Thursday to Tuesday	-
8	Declaration of list of selected candidates	18/12/2026 Friday	Examination Section
9	Issue of Offer Letter from Academic Section after fee submission. Candidates will report to the office of Dean Academics.	21/12/2026 to 23/12/2026 Monday to Wednesday	Academic Section
10	Last date for fee submission and admission. Candidates will report to the office of Dean Academics.	23/12/2026 Wednesday	Academic Section
11	Last date for Meeting of RAC for newly selected candidates and allotment of Thesis Supervisors.	Latest by 30/12/2026	Concerned Department
12	Registration for Course Work for Ph.D Even Semester	01/01/2027 Friday Tentative	Concerned Department DTCRC
13	Classes begin for Even Semester 2026-2027	04/01/2027 Monday	-

ABOUT NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY (NSUT)

Netaji Subhas University of Technology (NSUT) is a seat of higher technical education in India. Prof. Jai Prakash Saini is the Founder Vice-Chancellor of Netaji Subhas University of Technology (NSUT), New Delhi. Delhi Netaji Subhas University of Technology Act, 2017 (DELHI ACT 06 OF 2018) (As passed by the Legislative Assembly of the National Capital Territory of Delhi on the 10th August, 2017) is an Act to provide for the reconstitution and upgradation of the Netaji Subhas University of Technology as a non-affiliating Netaji Subhas University of Technology, and to provide for education and research in branches of engineering, technology, sciences, humanities, social sciences and management and for the advancement of learning and dissemination of knowledge in such branches. Previously NSUT was an autonomous Institution under Govt. of NCT of Delhi and was affiliated to University of

Delhi, which was established in the year 1983 as Delhi Institute of Technology with the objective of meeting the growing demands of manpower in the emerging fields of engineering and technology with a close social and industrial interface. Over a period of time, the institute has carved a niche for itself, both nationally and internationally, for excellence in technical education and research.

The institute has grown leaps and bounds since its inception, both in size and in the scope of its activities. The overall academic environment in the institution is highly conducive for achieving excellence in education and research. It has been consistently ranked as one of the top engineering colleges in India and has featured prominently in various national level surveys conducted by reputed professional and trade magazines.



Brief History about NSUT

To meet the growing demand of manpower in the field of high end technology, the then Delhi Administration, with the approval of Ministry of Human Resources Development (MHRD), Govt. of India, established a new Engineering College by the name of Delhi Institute of Technology (DIT) in July, 1983. The Silicon Revolution that had started churning out new, fascinating and intelligent devices since mid-seventies, has casted profound influence on the state of art in Electronics and Communication, Computer and Information Technology, and Instrumentation and Control Systems. The impact of Silicon Revolution has spread far and wide encompassing enormous range of activities including business, commerce, agriculture, energy, entertainment, education, research, development, administration, automation, information, management, communication, resource allocation, production, forecasting, civil and military applications, space, ocean, industries, medicine, physiology and robotics, to mention a few. Therefore, the new Institute had been conceived to impart education in these fields, with a long term goal of becoming a Deemed-to-be university.

In the year 1983, the Institute started with the academic program at Undergraduate (UG) level in the area of Electronics & Communication Engineering with an intake of 45 Students under the Faculty of Technology, University of Delhi. New programs in the areas of Computer Engineering, Instrumentation & Control Engineering, and Manufacturing Processes & Automation Engineering were added subsequently. Further, other new programs in the areas of Information Technology and Biotechnology were also added.

Administrative autonomy was granted to the institute in 1986. The Institute was registered as a Society in the name of "Delhi Institute of Technology" (DIT) on 12th June 1987 under the Societies Registration Act No. XXI of 1860 (Registration No. S-17742 of 1987). From 1983 till 1998, DIT was operating from its old campus at the old I.G. Block, Kashmere Gate, Delhi and it was formally inaugurated in its own new campus in Dwarka, New Delhi, 23rd January, 1997 by Sh. Atal Bihari Vajpayee, the former Prime Minister of India. The Institute was renamed as "Netaji Subhas Institute of Technology" (NSIT) in the year 1997 vide Gazette Notification No. D.L. - 33002/97 dated 20.02.1997. NSIT initiated Ph.D. programs in 1989 and also formulated a number of Postgraduates (PG) programs, four of which were approved by the AICTE in the year 1994. NSIT was affiliated to University of Delhi for all its UG, PG and Ph.D. programmes.

In August 2018, NSIT was upgraded to NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY (NSUT). Presently, NSUT is organized into 7 faculties under which a total of 15 academic departments are working in conjunction to ensure that students receive the highest quality education and that all topics are fully assimilated. Currently, NSUT is successfully offering 10 undergraduate programmes leading to Bachelor of Technology (B.Tech.) degree, 16 Master programmes leading to Master of Technology (M.Tech.) degree, two Master programmes leading to Master of Business Administration (MBA) degree, one Bachelor programme leading to Bachelor of Business Administration (BBA) degree and Doctorate of Philosophy (Ph.D.) degree programme in all the 15 departments.

Location

NSUT is located in Dwarka, South West Delhi. Well connected to the major city centers by open and wide roads, the approximate distances from various locations are as under:-

By Metro

- 01 Km from Dwarka Mor Metro Station.
- Use the Delhi Metro Service towards Dwarka and get off at the Dwarka Mor Metro Station.
- Then board any Bus towards Dwarka from Dwarka Mor Bus Stop and get off at NSUT Main gate
- Take an Auto or Cycle Rickshaw from Dwarka Mor Metro Station to reach NSUT.

By Road

- 05 Kms from Uttam Nagar
- 12 Kms from Delhi Airport
- 16 Kms from Dhaula Kuan.
- 30 Kms from Nehru Place.
- 30 Kms from New Delhi Railway Station
- 30 Kms from I.S.B.T.
- 30 Kms from Old Delhi Railway Station

By Bus

Well connected by various bus-routes from all over Delhi. The details (except Metro routes) of which are as under:-

- **764** - Nehru Place-Najafgarh IIT, R.K.Puram, Domestic airport, Palam, Dwarka, NSUT Main Gate
- **727** - Jawahar Lal Nehru Stadium-Najafgarh Vasant Vihar, Airport, Palam, Dwarka, NSUT Main Gate
- **783** - Shaheed Bhagat I.T.O., Barakhamba Rd, Udyog Bhawan, Teen-Murti, Dhaula Kuan, Delhi Cantt, Janak Puri, Uttam Ngr, Sewak Park/Dwarka Mor

Campus

The beautifully landscaped campus is spread over 145 acres. The campus has an Administrative Building, Academic Buildings, Library Building, Boys Hostels, Girls Hostels, Faculty, Officers and staff residences. The campus also offers amenities like staff club, Dispensary, Shopping Centre, Kiosks, Banks, Post Office, Telephone Exchange, Playing fields, etc.

VISION

To be a premier University of global recognition that provides Excellence in Education, Research and Development, to create potential Innovators and leaders to serve Society and Nation.

MISSION

To promote academic growth by offering state-of-the-art Undergraduate, Postgraduate and Doctoral Programmes and to impart emerging and new knowledge in Research & Development.

To identify the thrust area of specialization in education based on perceptions of Regional and National as well as global needs.

To undertake collaborative projects which offer opportunities for long term interaction with leading Academia and Industries to cater to the needs of the Society and Nation.

To foster human potential by inculcating responsible behaviour, Environment improvement, Ethics, Innovation and Entrepreneurship.

ADVANCEMENT OF KNOWLEDGE

Research and development is the core activity of any university and forms the basis of the ability of the university to advance knowledge and to address the challenges of industry and society. Research and development is also linked directly to the quality of education and the reputation of the university. Over the last two decades, NSUT (erstwhile NSIT) has improved upon its research output significantly. Several faculty members are internationally recognized and some are engaged in projects of national importance. The university shall continue its efforts to enhance its research contributions. Academic programmes at NSUT (erstwhile NSIT) underwent change continuously to keep pace with the changing times. New programmes in upcoming areas have continuously been added. PG programmes have gained strength and Ph.D. programmes have seen increased output. The university will continue its efforts to attract outstanding young as well as senior faculty. The process for recruitment of Ph.D./TRF students has been improved so as to proactively attract the best students. The university has initiated a systematic approach towards nominating faculty, officers, staff and students for awards and honours.

National Knowledge Commission of India has emphasized creation of synergy between education and research in the higher technical education institutions. In this line the university continues to enhance the environment of academic enquiry by arranging colloquia and seminars by accomplished researchers along with speakers from leading national institutes; thus increasing interaction among researchers from diverse fields. The university provides support to students and faculty to present their research at international and national conferences, and encourages the holding of conferences with a strong research focus in the campus.

The university encourages collaborative research by supporting the formation of multidisciplinary centres devoted to specific themes. The university aims to build collaborative links with peer universities within India and outside India and is creating programmes for Ph.D. students to work in partner universities for short periods to broaden their research experience. The university also envisions to support setting up major research facilities and centre of excellences.

INFRASTRUCTURE

NSUT has a beautifully landscaped and fully residential campus, sprawling 145 acres of land. There are a wide range of facilities including:

- **Administrative building:** that includes Vice-Chancellors Office, Registrar Office, Executive Engineer Office, Auditorium, etc.
- **Residential:** Vice-Chancellor, Faculty & Staff Residences, Hostels, Guest House
- **Academic:** Academic Section and T&P Building.
- **Academic Blocks:** HODs & Deans rooms, conference halls, committee rooms, seminar rooms, classrooms, tutorial rooms, drawing halls, library building
- **Laboratories:** Workshops, laboratories, research labs, language lab, computer Centre
- **Others:** Medical Facility, Power backup, Incubator for students, alumni and faculty, yoga & meditation Centre, Gym facility, University management system, university networking system, internet facilities, broadband facilities, fully Wi-Fi campus, video conferences facilities, CCTV cameras, bio metric system, boys & girls common rooms, computational facilities, printing facilities, student activity Centre, sports complex, Two banks, ATM, canteens, etc. A prominent feature of NSUT's campus is the vast expanse of flora & fauna that envelops its entirety. The lush green campus welcomes a diverse community of students, faculty, staff & visitors in its midst.

NSUT Incubation and Innovation Foundation (NSUT-IIF)

A section 8 company as per The Companies Act-2013 having its registered office at Netaji Subhas University of Technology, Azad Hind Fauz Marg, Sector 3, Dwarka, Delhi was opened to incubate start-ups of NSUT students, alumni, faculty of NSUT, any other incubate under the guideline of Delhi Government at NSUT for two years with seed money/funding from the NSUT-IIF.

Netaji Subhas University of Technology won the first prize on 15th October '2017 in Chennai, in the category "Institution Supporting Start-ups" sponsored by Niti Aayog and All India Council for Technical Education (AICTE) in collaboration with Vijnana Bharati (VIBHA) and partnering with other government agencies such as DBT, DST, DIPP, AIM - NITI Aayog, NRDC and FITT organized "National Start-up Summit-2017" under the aegis of India International Science Festival (IISF 2017), a joint mega event of Ministry of Science and Technology and Ministry of Earth Sciences.

NSUT IIF provides a host of support services to start-ups, organize selection of newer incubates. Some of the start-ups incubated by NSUT IIF are Readers Crib, an e-commerce marketplace for renting of books; CacheFi, linux smart routers powerful enough to run multiple applications; Tri posse, a tech aggregator for bespoke group travel services. Newer start-ups in the area of low-cost technology & best harvesting practices for horticulture crops farmers community, Smart mechanization for small farmers, making roads safer using in-car technology to make driving better and monitored for drivers, authorities, as well as other third parties, machine learning start-ups to get the best price from all major online stores in India, and compare it with the offline stores and Stories Worth Sharing for teenagers and adults are in the process of financing.

NSUT has a mix of subject matter experts and management focused faculty members along with motivated students, technical societies and an alumni network to operationalize innovation and start-up activities. Various societies at NSUT like IEEE, SAE, ISA, CSI, and C.E.D.T. Lab at NSUT have helped students learn skills to develop technology-based projects.



NSUT's hostels provide a wide range of facilities to ensure that students enjoy a vibrant campus life, while simultaneously accommodating a large number of students. A total of four hostel buildings (BH1, BH2, BH3, BH4) are present for male students, one for each year. There are two girls' hostels (GH). Each hostel is well maintained with staff working overtime to ensure that students live comfortably inside the building premises. The hostel buildings are located close to the canteens as well as the administrative block (where classes ensue). Mess food is nutritious with a different menu for each day of the week.

Additionally, each boys' hostel has the capacity to accommodate up to 276 students in single & double-bedded rooms. Students are allotted rooms on the basis of their permanent addresses & sorted distance wise. The outside Delhi candidates are thus given top priority. The hostels have their separate committees and are under the guidance of their respective wardens. With proper 24*7 securities, including lady guards in the girls' hostel, students are sound & safe in the already calm, green campus. The hostels ensure that curfew

times are adhered to adequately as security is a must for each building. A common room with television is provided for the entertainment of students. Facilities for playing carom & chess are also available. A badminton court & TT rooms ensure that hostellers keep in touch with sports of their interest. Movies or sports matches can be projected on a large screen as per the choice of students. Availability of daily newspapers is an added luxury. On request, personal newspapers & magazines can be delivered on payment. In the first year boys' hostel, students also avail the facility of laundry on a payment basis. Washing machines are available & their use can be approved by the hostel office staff on designated days.

The presence of a shopping complex, which provides all the basic amenities within walking distance, is a convenience. The metro station is at a walking distance from all the hostels. Guest rooms are available for male guests & mothers to stay overnight in the boys hostel. A newly introduced Wi-Fi connection is present in the girls' hostel. The same is available for use on weekdays from 8-11 pm and for the entire day during the weekend.

Central Library

NSUT Central Library is well equipped with 20 National English and Hindi newspapers accompanied by 60 magazines that are procured on a regular basis. NSUT runs a book bank that supports the financially weaker students and those belonging to the SC/ST category to whom books are lent for the whole academic semester. After a duration of 2 weeks from the start of the semester, the book bank is opened for the general category students as well. All you have to do is to submit a

written application specifying your name, roll number and the books you need at the counter. The serial number assigned implies your status in the waiting list. You are free to avail the books when your turn comes.

NSUT is also a member of DELNET and OPAC (Online Public Access Catalogue) on various libraries in the country that are accessible through Web access.

Books/Volumes

- General Books Section: ~23,393
- Book-Bank Section: ~13,625
- Total Volumes: 37,018
- Total Titles (General): 9,130
- Total Titles (Book-Bank): 1,130
- Total Titles: 10,260

Online Journals

- ASME:
<http://scitation.aip.org/pubmlications/mybrowsepub.jsp#ASME>
- ACM: <http://portal.acm.org/dl.cfm>
- INSPEC and COMPENDEX:
<http://www.engineeringvillage.org>

ONOS (One Nation One Subscription)

The Prime Minister of India in his address to the Nation from the ramparts of the Red Fort on 15th August, 2022, had pointed out the importance of Research and Development. The National Education Policy, 2020 has also identified research as a corequisite for outstanding education and development in our country. Therefore, the Government of India approved One Nation One Subscription scheme to provide country-wide access to international high impact scholarly research articles and journal publications to students, faculty and researchers of all Higher Education Institutions managed by the central government and state governments and Research & Development Institutions of the central government. The One Nation One Subscription (ONOS) intends to acquire national licenses for e-journal/database subscriptions from most of the prominent journal publishers. A total of 30 major international journal publishers have been included in ONOS. All the journals published by these publishers are accessible to the students, faculty members and researchers of the participating institutions. Access to journals are being provided through national subscription coordinated by the Information and Library Network (INFLIBNET) Centre, an autonomous inter-university centre of the University Grants Commission (UGC), Gandhinagar, Gujarat. "One Nation One Subscription" (<https://www.onos.gov.in/>) through which the institutions are able to access the journals.

Sports



NSUT offers state of art facilities in the domain of physical education:

- Gymnasium with latest fitness equipments
- Two basketball courts
- Two volleyball courts
- Cricket ground
- Football ground with a seating arrangement of approximately 5000
- Two tennis courts
- Running Tracks (400m)

The college and the students of NSUT have been proactive in hosting and participating in many sports events, including Delhi University tournaments, and have been competitive on an All-India-Inter University level. Some of the events that the department holds/has held:

- Annual Sports day where various interclass tournaments are held.
- Three All-India inter-university tournaments have been organized (2014-2015): Cricket (Men), Softball - (Men, Women)
- Three Inter-College Events have been organized (2014-2015): Cricket (Men), Weight Lifting (Men and Women), Power Lifting (Men and Women), Best Physique (Men), Baseball (Women)

Health and Wellness



NSUT has a round-the-clock medical facility located near the Type 5 faculty housing which provides immediate medical aid to all residential staff & students. Medical help can be availed and administered on the spot. A stand by vehicle is available to transport any person in need of special attention. The facility is staffed by full time & part time doctors as well as visiting consultants & specialists to render 24 hours medical service to college residents. Treatment, consultation & medicines are provided free of cost to all students, staff & staff dependents. Apart from general physical examinations, the medical center has provisions for ECG, blood sugar check, nebulizer and other minor surgical procedures.

1. Dr.APJ Lecture Theatre Complex



This smart Lecture Theatre Complex is energy-efficient, and has cutting-edge technology as its essential feature in every aspect of usage. It has ten Smart Lecture Halls with a seating capacity of 125 each, and a Multipurpose Hall with 270 audience seating capacity. These lecture halls have been equipped with audio/video systems for recording and live streaming of lectures, VRV air-conditioning, Godrej furniture, CCTV surveillance system, acoustics etc.

2. Central Computer Center

Central Computer Centre at NSUT is a state-of-the-art facility for nurturing the computing requirements of its students and faculty. It is well equipped with 400 All-in-One Desktop Computers with best-in-class configuration. These computers are populated with all the software required by the students in their curriculum. Central Computer Centre looks after the operation of the campus wide network (wired and Wifi) of NSUT which covers every nook and corner of the campus. NSUT has a 1 Gbps Internet Link from NKN which is being upgraded to 10 Gbps in the coming few months. Computer Centre also manages the University's Web server, Email facility for every NSUTian and Cloud based University Management System.

3. State of the Art Studio

State of the art Studio has been set up for recording and live streaming of lectures, interviews and debates etc. This studio will also be used for imparting skill based short-term courses in photography, video editing, cameraman etc.

Centre of Excellence in Artificial Intelligence

Set up in July 2022 to contribute towards the growing significance of the role of Artificial Intelligence, Data Science, and related areas. Our mission is to advance the field of AI through research, education, and innovation. Our team of experts is dedicated to exploring new ways in which AI can be applied to real-world problems and create a positive impact on society. We have a state-of-the-art lab equipped with the latest hardware and software to support our research efforts. Together, we can create a better future with AI.

EVENTS

Moksha is the annual inter-college cultural festival of Netaji Subhas University of Technology. Started in 2003, it is organized in the month of March. It is a four-day national extravaganza held every even semester of the academic year. It is considered to be one of the biggest cultural fests in north India & attracts sponsorships from top corporate houses of India including TCS, Intel and Airtel. Over the past 12 years, Moksha has witnessed leading artists from the music industry perform in the NSUT campus. The lineup of celebrities has included Akcent, Edward Maya, Mohit Chauhan, Kailash Kher, KK, Sachin-Jigar, the Sunburn Campus, Strings, Javed Ali & Bohemia, with the highlight of Moksha '14 being the humor fest by TheViralFever (TVF). Annually, Moksha presents a platform for the students to break free from their monotonous life. The fest has an average footfall of over 25000 people and a lineup of around 150 engaging events.

Innovision is the annual inter-college, techno-managerial fest of Netaji Subhas University of Technology, which was conceived in 2002 as solely a technological fest. But as the years sped by, the vision expanded to contain not just technological events but managerial events as well. Today, NSUT conducts Innovision as a two day extravaganza of a line-up of approximately 50 events with an expected footfall of around 4000 people. The events organized are diverse, ranging from electronics & programming to bike shows, debates & case studies. At Innovision, guest personalities including the likes of Dr. APJ Abdul Kalam have been invited to talk on stage and enlighten students. The famous Delhi bike group, Black Pistons, has performed gravity defying stunts on NSUT's roads. Each year, Felicity - The Music Night, is held in confluence with the laser show to dazzle students & set the mood lighter.

Resonanz is the annual intra-college cultural festival of Netaji Subhas University of Technology. Held every odd semester, it is an attempt to showcase the talents of students in NSIT through an array of events & competitions. Being an annual cultural festival, the fun and frolic is obviously associated. The fest is held over a memorable span of three days. Resonanz leaves no stone unturned in exploring the hidden talents of new students joining NSUT each year. The fest marks the onset of bonding between seniors & their first year counterparts. Not only do they get well acquainted with the environment in the college, they also receive necessary junior-senior interaction. All participants put in their heart & soul to eventually lift the coveted trophy. Nonetheless, the spirit of competition is never forgotten and learning is always the motto. The fest is thus a confluence of many tunes that celebrate the essence of being an important part of NSUT's community.

PH.D PROGRAMME — DEGREE OFFERING FACULTY/DEPARTMENTS

Faculty	Department(s)
Faculty of Information Communication and Technology (FICT)	Department of Electronics and Communication Engineering (Main Campus) Department of Electronics and Communication Engineering (East Campus) Department of Computer Science and Engineering (Main Campus) Department of Computer Science and Engineering (East Campus) Department of Information Technology (Main Campus)
Faculty of Electrical and Mechanical Engineering (FEME)	Department of Mechanical Engineering (Main Campus) Department of Mechanical Engineering Electric Vehicle (West Campus) Department of Instrumentation and Control Engineering (Main Campus) Department of Electrical Engineering (Main Campus)
Faculty of Interdisciplinary Studies	Department of Biological Sciences and Engineering (Main Campus)
Faculty of Infrastructure Technology	Department Of Civil Engineering (West Campus) Department of Architecture (West Campus) Department of GeoInformatics (West Campus)
Faculty of Design	Department of Design (Main Campus)
Faculty of Sciences	Department of Mathematics (Main and East Campus) Department of Physics (Main and East Campus) Department of Chemistry (Main and East Campus)
Faculty of Humanities and Social Sciences	Department of Humanities and Social Sciences (Main and East Campus)
Faculty of Management Studies	Department of Management Studies (Main Campus) Department of Innovation, Entrepreneurship and Venture Development (DIEV)

SEAT MATRIX 2026-27 (EVEN)

For the session 2026-27 Even Semester, the maximum number of seats for admissions to various Ph.D. programmes are limited to:

Dept	Type	GEN	OBC	SC	ST	EWS	Total
CSE-M	URF	3	4	2	1	2	12
	TRF	2	2	2	1	1	8
CSE-E	URF	1	1	1	0	0	3
	TRF	1	1	1	0	0	3
IT	URF	3	2	1	0	1	7
	TRF	2	1	1	0	1	5
ECE-M	URF	2	2	1	1	1	7
	TRF	1	2	0	0	1	4
ECE-E	URF	2	1	1	0	0	4
	TRF	0	1	1	0	0	2
EE	URF	0	2	0	0	1	3
	TRF	0	1	0	0	0	1
ICE	URF	0	2	1	0	1	4
	TRF	2	1	1	0	0	4
ME	URF	0	1	1	0	0	2
	TRF	1	1	0	0	0	2
MEEV	URF	0	0	0	1	0	1
	TRF	0	0	0	0	1	1
BT	URF	0	1	1	0	0	2
	TRF	0	1	0	0	0	1
DES	URF	1	1	0	0	0	2
	TRF	0	0	0	1	0	1
MGT	URF	0	0	0	0	0	0
	TRF	0	0	0	1	0	1
MT	URF	1	2	1	1	1	6
	TRF	0	1	1	0	1	3
PH	URF	1	0	0	1	0	2
	TRF	0	1	0	0	0	1
CH	URF	0	0	0	1	0	1
	TRF	1	1	0	0	0	2
HSS	URF	0	0	0	1	0	1
	TRF	0	0	0	1	0	1
CE	URF	1	1	0	0	0	2
	TRF	1	1	0	0	0	2
GI	URF	1	1	0	0	0	2

Seat Conversion Rules: After exhausting the complete list of registered candidates belonging to the SC, ST, OBC, and EWS categories in every department any seats remaining vacant in these categories shall be converted in accordance with the following rules:-

1. Conversion between SC and ST Categories: If the complete list of registered ST candidates is exhausted, the remaining vacant ST seats shall be filled from the list of eligible SC candidates, and vice versa.

2. Conversion of SC/ST Seats to General Category: If the complete lists of registered SC and ST candidates are exhausted, the remaining vacant SC/ST seats shall be converted into an equal number of seats in the General (GEN) Category.

3. Conversion of EWS Seats to General Category: If the complete list of registered EWS candidates is exhausted, the remaining vacant EWS seats shall be converted into an equal number of seats in the General (GEN) Category.

4. Conversion of OBC Seats to General Category: If the complete list of registered OBC candidates is exhausted, the remaining vacant OBC seats shall be converted into an equal number of seats in the General (GEN) category.

The above seat conversion shall be carried out department-wise only after the complete list of registered and eligible candidates in the respective category has been exhausted.

AWARD CATEGORIES AND SELECTION CRITERIA

(i) Awards for Research Papers

Following are the three categories for the research awards:

a) Outstanding Research Awards: A cash prize of Rs. 5,00,000/- (Rupees Five Lakhs Only) is awarded along with a certificate of merit.

Selection Criteria: The paper must be published in the following journals:

1. Nature (British Multidisciplinary Scientific Journal)
2. Science (Academic journal of the American Association)
3. Harvard Business Review (Management magazine published by Harvard Business Publishing, a wholly owned subsidiary of Harvard University)

b) Premier Research Awards: A cash prize of Rs. 1,00,000/- (Rupees One Lakh Only) is awarded along with a certificate of merit.

Selection Criteria: The paper must be a below listed societies/journals paper of impact factor at least one (01) and indexed as SCI/SCIE/SSCI:

1. American Mathematical Society
2. American Physical Society
3. American Society for Civil Engineers (ASCE)
4. American Society for Mechanical Engineers (ASME)
5. American Society of Testing Materials (ASTM)
6. Association for Computing Machinery (ACM) Transactions
7. IEEE Transactions/Journals/Letters/Reviews
8. IET Transactions/Journals/Letters/Reviews
9. Institute of Civil Engineering Publishing, London
10. Institute of Mechanical Engineering, London
11. Proceedings of Royal Society

In addition to the above list, the SCI/SCIE/SSCI journals with impact factor equal to or more than Seven (07) are also considered for this award.

c) Commendable Research Awards: A cash prize of Rs. 50,000/- (Rupees Fifty Thousand Only) is awarded along with a certificate of merit.

Selection Criteria: The paper must be a journal (other than listed in category A and B above) paper of impact factor at least two (2.0) and indexed as SCI/SCIE/SSCI.

(ii) Awards for Patents

Following are the two categories for the awards on patents:

- **Premier Patent Awards:** A cash prize of Rs. 5,00,000/- (Rupees Five Lakhs Only) is awarded along with a certificate of merit for US / UK patent.
- **Commendable Patent Awards:** A cash prize of Rs. 2,00,000/- (Rupees Two Lakhs Only) is awarded along with a certificate of merit for Indian patents.

Regulations for Distribution of Award Prize:

- The distribution of prize money is implemented on an equal contribution basis and therefore the authors get equal share.
- Only the authors from NSUT are eligible for the awards and the prize money corresponding to outside NSUT authors, if any, is deducted.

Refer to (www.nsut.ac.in) for revised Ph.D. Regulations 2024

University Research Fellowship (URF) — Eligibility Criteria

(A) Engineering/Technology/Design/Architecture/Management: An applicant possessing Bachelor's and Master's Degrees in Engineering/Technology/Design/Architecture/Management in the respective discipline or equivalent with a first class/60% or equivalent Cumulative Grade Point Average (CGPA) in any one of the Degree shall be eligible to apply for admission to Ph.D. programme of the University in Engineering/Technology/Design/Architecture/Management streams.

However, the applicants with Bachelors' degree in Engineering or Technology or equivalent, having a minimum of 75% marks in aggregate or equivalent Cumulative Grade Point Average (CGPA) as determined by NSUT and having proven research capability may also be considered eligible.

Further, for admission in Computer Science: An applicant possessing Bachelor's degree in Sciences/Computer Applications and Master's degree in Computer Applications (with Mathematics at B.Sc./B.C.A level) with a minimum 75% in aggregate or equivalent CGPA as determined by NSUT and having proven research capability.

Equivalence of degree shall be decided/ascertained by the concerned DRC/BRS.

(B) Sciences/Humanities/Social Sciences: An applicant possessing a Master's Degree in Sciences/Humanities/Social Sciences in the respective discipline or equivalent with a minimum of 55% of marks or equivalent Cumulative Grade Point Average (CGPA) shall be eligible to apply for admission to Ph.D programme of the University in Sciences/Humanities/Social Sciences streams.

Teaching Cum Research Fellowship (TRF) — Eligibility Criteria

(A) Engineering/Technology/Design/Architecture/Management: An applicant possessing Bachelor's and Master's Degrees in Engineering/Technology/Design/Architecture/Management in the respective discipline or equivalent with 70% or equivalent Cumulative Grade Point Average (CGPA) in any one of the Degree shall be eligible to apply for admission to Ph.D. programme of the University in Engineering/Technology/Design/Architecture/Management streams. Equivalence of degrees shall be decided/ascertained by the concerned RAC/BRS.

(B) Sciences/Humanities/Social Sciences: An applicant possessing a Master's Degree in Sciences/Humanities/Social Sciences in the respective discipline or equivalent with a minimum of 65% of marks or equivalent Cumulative Grade Point Average (CGPA) shall be eligible to apply for admission to Ph.D. programme of the University in Sciences/Humanities/Social Sciences streams.

In case the equivalence between the percentage of marks and Cumulative Grade Point Average is not defined by the University from where the candidate has obtained the qualifying degree then the most recent University Grants Commission/All India Council for Technical Education equivalence criteria shall be applicable.

There shall be no age limit for admission to Ph.D. programmes of the University.

Refer to the information about the concerned department, as given below, for the details of eligibility with respect to Bachelor's/Master's Degree in Engineering/Technology/Sciences/Design/Architecture/Management/Humanities/Social Sciences.

Categories of Admission

- Research scholars with University Research Fellowship (URF).
- Teaching Cum Research Fellowship (TRF)
- Research scholars with fellowship from their sponsoring agencies (UGC/DST/CSIR/DBT/ICMR etc.)
- Research scholars without any fellowship (self-financing mode)

Reservation/Relaxation

- In all the Ph.D. programmes of the University, reservation of seats for applicants in all the categories, including SC/ST/EWS/OBC (non-creamy layer, Delhi only)/Differently-abled applicants, shall be in accordance with the policies of Govt. of National Capital Territory of Delhi. Further, for the EWS category, the acceptable category certificate shall be from the preceding financial year.
- SC/ST/Differently-abled applicants may be permitted 5% marks relaxation in the eligibility requirement as prescribed Regulation.
- The vacant seats of the ST category shall be converted to the SC category. After this conversion, the remaining vacant seats, if any, from any reserved category shall be filled from the un-reserved category.
- Reservation shall be applicable at the University level.
- OBC (non-creamy layer) applicants outside Delhi shall be treated in the general category.

SELECTION PROCEDURE FOR ADMISSION

- a. The Research Scholars shall be admitted in a two-stage process – (i) a University Entrance Test/UGC-CSIR NET and (ii) an Interview.
- b. The admission into the Ph.D. programme shall be based either on Entrance Test conducted by NSUT or the National Eligibility Test (NET) score earned by the candidates in the UGC-CSIR NET (Category I, II & III) meant for admission into Ph.D programme. However, the department shall adopt University Entrance Test or NET score as per directions of the concerned BRS.
- c. The Test Paper of the Entrance Examination shall consist of questions, with equal weightage (50% each), on (a) Research Methodology- Research aptitude/ Analytical ability / Comprehension / Quantitative Aptitude and (b) the Subject-specific domain. The BRS, on recommendations of the Department Research Committee, shall approve the syllabus for the entrance test.
- d. The University shall notify the detailed information well in advance through its website and/ or advertisement in at least two national newspapers. Detailed information and admission procedure/ brochure/syllabus shall be put up on the University website.
- e. The students who have secured 50% marks above in the university entrance test shall be eligible to be called for the interview.
- f. However, a relaxation of 5% of marks (from 50% to 45%) shall be allowed in the entrance examination for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/Differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the University Grants Commission from time to time.
- g. The candidates with a research fellowship such as UGC-CSIR NET JRF (category I) or others, as identified by the Board of Research Studies, shall be exempted from the university written test. However, they shall have to appear in the interview.
- h. Project staff under projects, sponsored by the Department of Science and Technology/University Grants Commission/any Government agency, Industry or centers established from a grant-in-aid from Government or international agencies at the Netaji Subhas University of Technology, may be given administrative clearance to seek admission, subject to the recommendations of the concerned Principal Investigator of the said project/Centre and approval by the respective Chairman, Board of Research Studies and Vice-Chancellor. The project staff under projects shall be required to fulfill the eligibility conditions as laid down in regulation and shall have to appear in both the entrance test and interview.
- i. The Candidates from Research Development Organizations/Institutions/Public Sector Undertakings/Industries/Foreign Universities which have a 'Memorandum of Understandings (MoU)' with Netaji Subhas University of Technology may be exempted from the entrance examination. These candidates can be called directly for the interview as sponsored candidates subject to the fulfillment of the minimum entry qualification for the Ph.D. degree as given in Regulation.

Provided that — The applicant has at least two years of experience in a regular capacity. (i) The applicant shall prove, to the satisfaction of the University, that his official duties permit him to devote sufficient time to research. (ii) The applicant can devote sufficient time to pursue research in the concerned Department of the Netaji Subhas University of Technology daily unless sufficient facilities for research are available at the applicant's place of work in the chosen field of research, provided that the BRS approves the same as his/her second place of work. (iii) He/she shall be required to reside at the Netaji Subhas University of Technology until completing his/her course work. This condition of minimum residence shall be automatically waived off for the candidate working in the Delhi National Capital Region.

- j. The regular employees of NSUT/any other Engineering Education Department / Institution of Government of National Capital Territory of Delhi, desiring to register for the Ph.D. Programme, may be exempted from the entrance examination and may be called directly for the interview subject to submission of a 'No-Objection Certificate' from the competent authority of the respective Institution. Such employees shall be required to fulfill the eligibility conditions as laid down in regulation.

- Foreign nationals/ OCI fulfilling the eligibility criteria may be registered for Ph.D. programme.
- Foreign nationals/OCI shall be exempted from the written test but must appear in the interview in online/physical mode. They may be admitted based on their performance at the interview.
- The medium of instructions shall be English only.
- The admission of foreign nationals/OCI shall be subject to the verification of equivalence of their qualifying degrees from the Association of Indian Universities
- They must provide evidence of language competence in English.

TRF FELLOWSHIP

Rs. 60,000

per month (enhanced to 65,000)

URF FELLOWSHIP

Rs. 46,000

per month (enhanced to 53,000)

DURATION

5 Years

(3+1+1) for research scholars

- The monthly Teaching Cum Research Fellowship (TRF) amount is Rs. 60,000/- (Consolidated, inclusive of HRA and any other allowances) per month plus Rs 20,000/- annual contingency grant. Further, the fellowship of TRF shall be enhanced to 65,000/- (Consolidated) per month plus Rs 20,000/- annual contingency grant after subject to fulfillment of the conditions.
- The monthly University Research Fellowship (URF) amount is Rs. 46,000/- (Consolidated) per month plus Rs 20,000/- annual contingency grant. Further, the fellowship of URF shall be enhanced to 53,000/- (Consolidated) per month plus Rs 20,000/- annual contingency grant after subject to fulfillment of the conditions laid down by the University.
- Ph.D Fellowship duration is five years i.e (3+1+1) for the research Scholars.
- The admission to the programme and award of fellowship are not linked. Admission to any programme does not guarantee the award of fellowship.
- The fellowship shall be released on a monthly basis from the date of provisional registration. However, the fellowship may be discontinued in case of a 'Unsatisfactory' progress recommendation by the Research Advisory Committee. For further details please refer to Ph.D Regulation 2024 available at the NSUT website.
- In addition to the research work, all the TRFs of the University shall undertake theory classes/practical classes/Tutorials to an extent of 7-9 hours per week and shall also be assigned other duties like checking of assignments, invigilation duties, etc. as assigned from time to time.
- In addition to the research work, the University Research Fellow of the University (URF) shall have to undertake Teaching assignments/Practical classes/Tutorials to an extent of 6-8 hours per week and shall also be assigned other duties like checking of assignments, invigilation duties, etc. as prescribed from time to time.

FEE STRUCTURE

Fees for PhD students to be admitted in the Academic Session 2026-2027.

S.No	Item of Fees	1st Year (2026-27)	2nd Year onwards
1. Govt. Component (Per Annum)			
1.1	Tuition Fee	11,600	12,800
1.2	University Fee	10,500	11,500
2. Non Govt. Component (Per Annum)			
2.1	Student Fund (Co-curricular Activities, Training & Placement, Extra Curricular Activities, Annual Gathering, Students Welfare, Institutional Development, Outsourcing, University Social Responsibility (USR), Misc. Expenditure on unspecified items) (Per Annum)	1,500	2,000
2.2	Facilities & Services Charges (Per Annum) (Research initiatives, Training Programmes, Awards, Automation Facilities, Student's Insurance, and any Miscellaneous expenditure on unspecified items)	3,000	3,000
2.3	Chhatra Vittiya Sahayta Evam Protsaahan Kosh (CVSPK)	0	0
2.4	Alumni Fund	1,000	0
2.5	Fund for Incubation/ Entrepreneurship/Startup Activities	1,000	1,000
2.6	Examination Fee (Infrastructure, expenditure on examination activities, printing, confidential expenditure, Man power hiring through outsources, Misc. etc.)	5,000	0
	TOTAL	33,600	30,300

Department of Electronics and Communication Engineering (Main & East Campus)

The Department of Electronics and Communication Engineering, Netaji Subhas University of Technology (formerly, Netaji Subhas Institute of Technology) was established in the year 1983. The department has always been on a progressive path with experienced and dedicated faculty members having a strong commitment towards providing quality engineering education and research. The ECE curriculum provides a wide perspective of the field of electronics and allows the student to decide his/her future directions. It provides the perfect ground and flexibility for students to pursue other streams, such as computer science and information technology.

From the very beginning, the ECE department has taken the lead in establishing well-equipped and modern Lab facilities to initiate Research and Development activities. Our students are often accepted for graduate studies into the best Institutes in India and abroad, showing their ability to continue research in diverse areas.

Courses Offered: The Department offers 02 Undergraduate (UG), 03 Postgraduate (PG), and Ph.D. programs. The first PG program on Signal processing in ECE was started in the year 1999. The second PG program on Embedded Systems and VLSI started in the year 2016. The rapid developments in the field of communication triggered the inception of another PG program on Quantum Technology in 2026. The Master of Technology programs are two-year course-based programs. Students take courses from within and outside the department, according to the program requirements. The courses offered are of high standard, many include advanced topics and topics based on recent research. In addition, the Department also offers high quality research programs at the doctoral level. To keep in pace with the current technological advancements, the UG and PG curriculum has been recently modified according to the National Education Policy (NEP).

1. B.Tech. Electronics and Communication Engineering | 2. B.Tech. Electronics Engineering (VLSI Design and Technology) | 3. M.Tech. Signal Processing (a. Biomedical Signal & Image Processing, b. AI in Communications, c. Machine Learning and Data Science) | 4. M.Tech. Embedded Systems and VLSI | 5. M.Tech. Quantum Technology | 6. Doctor of Philosophy (Ph.D.)

AREAS OF RESEARCH:

Analog Signal Processing and VLSI, Wireless and Optical Communications, Signal Processing and Machine Learning, RF and Microwave Engineering, Image Processing and Computer Vision, Quantum Communication, Artificial Intelligence (AI) in Communications, Data Science

Department of Computer Science & Engineering (Main & East Campus)

The Department of Computer Science & Engineering (formerly Computer Engineering), Netaji Subhas University of Technology (formerly Netaji Subhas Institute of Technology) was established in 1983. All through its sparkling history of 38 years, the department of CSE (formerly Division of Computer Engineering) has been known for its highly dynamic and application-oriented Under-Graduate, Post-Graduate and Research programmes which cater to the needs academically as well as socially at large. The Department has always been on a progressive path and has experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education and research. The department works in consonance with the vision and mission of the University.

RESEARCH AREAS:

Artificial Intelligence, NLP and Vision, Computer Networking, Data Science, Educational Software, Software Engineering, Security

Department of Information Technology (Main Campus)

The Department of Information Technology was established in 2002 to meet the growing demand for IT professionals. The department offer a B.Tech, M.Tech and Ph.D. program. It provides an excellent learning environment with dedicated faculty members, state-of-the-art laboratories and innovative academic processes. The department focuses on providing an in-depth knowledge in the field of Information Technology such as, Computer networks, Network security, Software engineering, Internet of things (IoT), Machine learning. We aspire our students towards becoming next generation IT professionals capable of generating programming and logical skills, providing networking solutions and becoming leaders in software industry, government and academia.

RESEARCH AREAS:

Computer networks, Network Security, Cryptography, Cloud computing, Internet of Things, Artificial Intelligence, Computer Vision, Software Engineering.

Department of Mechanical Engineering (Main Campus)

The Department of Mechanical Engineering (erstwhile Division of Manufacturing Processes and Automation Engineering), Netaji Subhas University of Technology (formerly Netaji Subhas Institute of Technology), New Delhi was established in the year 1995. Having a glorious history of 30 years, the Department of Mechanical Engineering has been known for its exceptionally strong Under-Graduate, Post-Graduate and Research Programmes.

RESEARCH AREAS:

SCM, Thermal and Fluid Sciences, Advanced manufacturing processes, Micromachining, Hybrid machining and Additive manufacturing, Robotics, AI, Green Composites, Modeling and Simulation of PMCs, Processing of polymer Composites, SCM, AI, OT, Tribology, Fluid-film bearings, Smart lubricants, Advanced Polymer Composites, Smart materials, Composite materials, Tribology and Materials Characterizations, Laser materials Processing, Composite materials, tribology

Department of Mechanical Engineering Electric Vehicle (West Campus)

The Department of Mechanical Engineering (Electric Vehicles), Netaji Subhas University of Technology, West Campus (formerly Ch. Brahm Prakash Government Engineering College Jaffarpur) was established in the year 2019. The First batch of B. Tech. (Mechanical Engineering (Electric Vehicles)-MEEV) passed out in the year 2023. The department is grooming its undergraduate students in MEEV for their overall development including research in various fields like Thermal, Automobile, Material Science, Production automation, data analytics etc. The faculty members engaged in the Department are well qualified and highly dedicated in overall development of the students as well as department by contributing with quality engineering education and research. As all of these faculty members have tried to take the department to greater heights not only in academics, but also tried their best for all round development of the students in sports, cultural and literary activities.

RESEARCH AREAS:

Welding and Weld surfacing, Thermal Engineering and Renewable Energy, Mechanics of Smart structures

Department of Instrumentation & Control Engineering (Main Campus)

The Department of Instrumentation & Control Engineering (ICE) was established in 1983. Throughout its sparkling history of 38 years, the department of ICE has been known for its exceptionally strong Under-Graduate, Post-Graduate and Research programmes. Instrumentation and Control is a very broad area in the sense that it has an interdisciplinary character. There is a proliferation of a variety of the Instrumentation systems for a variety of purposes.

RESEARCH AREAS:

Control System/Process Control/Robotics, Renewable Energy/Power Electronics/Hybrid Energy System/Power Systems/Power Quality/Electrical Drives, Transducer & Measurement/Bio-medical Instrumentation, Bio-metrics/Image, and Signal Processing, Artificial Intelligence/Intelligent Control/Adaptive Control/Soft computing based Adaptive Control.

Department of Electrical Engineering (Main Campus)

The Department of Electrical Engineering (EE), was established in the year 2019. Electrical engineering is spread across a range of specialties such as power system operation and analysis, smart grid, electric vehicles, renewable energy systems, automobiles to vehicular technology, special electric machines, adjustable speed drives and intelligent control, robotics, unmanned vehicles, remote sensing, renewable energy systems, building energy systems, energy efficiency and management systems. The EE curriculum provides a wide perspective of the different fields and helps the students to decide their future directions. The department has well-equipped and modern Lab facilities for UG, PG and Ph.D. programs and Research & Development in the University. The department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education and research.

RESEARCH AREAS:

Renewable Energy/grid integration/Power System & control/Power Electronics/Hybrid Energy System/Electrical Drives/power quality analysis/Electric Vehicle/FACTS, Machine Design/Power system dynamics and stability/Power System analysis, Smart grid/net zero energy buildings/Transducers & Measurement/Advanced distribution system, Artificial Intelligence/Control System/Intelligent Control/Robotics

Department of Biological Sciences and Engineering

Started in 2004, the Department of Biological Sciences and Engineering (BSE) has grown exponentially and has come to be established as a leading place for education, training and research in Biotechnology. The BSE Department was conceived with the aim of creating well trained human resources to fulfill the growing demand in various sectors of Biotechnology. What started as a modest initiative has blossomed into a thriving academic unit, nurturing the next generation of innovators and leaders in biotechnology. The Department of Biological Sciences and Engineering is accredited by National Board of Accreditation (NBA).

RESEARCH AREAS:

Molecular Microbiology & Drug Discovery, Computational Biology & Bioinformatics, Integrative and Network-Based Approaches in Computational Biology, Cell and Molecular Biology, Biochemical Engineering, Nanobiotechnology & Nanomedicine, Agriculture and Environmental Biotechnology, Antimicrobial Resistance in Bacterial system, Water Sustainability & Environmental Bioprocessing, Algal Biotechnology and Bioengineering

Department of Civil Engineering (West Campus)

The Department of Civil Engineering at NSUT West Campus was established in 2007 as Ch. Brahm Prakash Government Engineering College, Jaffarpur. The first batch of B.Tech (Civil Engineering) students graduated in 2011. Known for its exceptionally strong undergraduate program, the department has expanded its academic offerings with the launch of a Postgraduate program in Environmental Engineering and research programs in Environmental Engineering from the academic session 2020-21. Building on this growth, a Postgraduate program in Structural Engineering commenced from the academic session 2023-24. Since its inception, the department has produced high-quality civil engineering graduates who excel in academics, research and professional practice. Eminent professors, appointed by the Delhi Government, have served as principals and faculty members, contributing significantly to the department's development. With a team of highly dedicated faculty, the department continues to provide quality engineering education and has a culture of research and innovation. The department currently has 10 distinguished faculty members. The department also provides consultancy services to various bodies such as CPWD, PWD, DTTDC, UPRNN, DDA, UPPCL, UPJN etc. Beyond academics, the department actively encourages students' participation and excellence in sports, cultural activities and literary pursuits, ensuring their overall development. With a legacy of commitment, passion and excellence, the Department of Civil Engineering at NSUT West Campus stands as a premier destination for budding civil engineers.

RESEARCH AREAS:

Environmental Engineering, Surveying and Geoinformatics, Structural Engineering, Transportation Engineering, Geotechnical Engineering, Water resources and Hydrology, Construction Planning and management.

Department of Architecture & Planning (West Campus)

The department was established in 2021 to provide quality education in the field of architecture and planning. The department visualises its growth and development into a leading educational centre and a seat of learning and research in the creative field of 'architecture' and 'physical development'. The department has a capable faculty team with study and research backgrounds from reputed universities like IITs and NITs, and having published extensively in international journals and books.

RESEARCH AREAS:

Architecture, Urban Planning, Building integrated photovoltaics, Tourism Planning, Smart Cities and Infrastructure, Urban water and disaster resilience.

Department of Geoinformatics (West Campus)

Geo-informatics is an interdisciplinary department which combines the use of geospatial data with information science and technology. It offers a mixture of analytical, technical, and problem-solving skills in a field which is immensely important in today's data-driven world. It involves the use of various tools and techniques to gather, store, manipulate, analyze, and visualize geospatial data for a wide range of applications. The department finds its importance in various fields such as defense technology, urban planning, disaster mitigation, environmental management, natural resource exploration, transportation, planetary science and many more. With the ongoing technological advancements, the subject Geo-informatics is also evolving and is used for solving real world problems, majorly with the help of remote sensing. At NSUT, Geo-informatics is pursued under the able guidance of faculty of Information Technology and Civil Engineering. The course majorly provides exposure to subjects of Information Technology and Civil Engineering which is used for data acquisition and management.

Courses Offered: The Department of Geo-informatics presently offers a four year B.Tech. Degree program in Geo-informatics with intake of 60 students. Besides the UG degree programs, a Ph.D. degree program is also run by the department. In order to keep pace with the current technological advancements, the UG curriculum has been recently modified and updated to allow students to stay abreast of the latest happening as well as to cater to their specific interests for specialization through electives.

RESEARCH AREAS:

Artificial Intelligence: Machine Learning, Deep Learning, Sentiment Analysis, Digital Image Processing, Data Mining. Data science: Databases, data mining, data warehousing, big data analytics, Bio-informatics. Earthquake hazard assessment using geo-informatics: Earthquake source determination, Estimation of probable hazards, AI for earthquake hazard analysis. Natural Hazards and Disaster Risk Reduction: Earthquake, Landslide, Flood hazard assessment, vulnerability and risk assessment; Machine learning and AI application in DRR

Department of Design (Main Campus)

The Department of Design at Netaji Subhas University of Technology (formerly Netaji Subhas Institute of Technology) was established with the primary objective of addressing societal challenges through innovative design solutions driven by emerging technologies. The program is thoughtfully structured to remain responsive to the evolving needs of society and industry. The curriculum is further enriched through specialized program electives that enable students to develop domain-specific expertise across diverse design disciplines. These include Interaction Design, focusing on user experience and digital interfaces; Product Design, emphasizing functional and sustainable product development; Communication Design, centered on visual storytelling and branding; Fashion Design, integrating aesthetics with material and market understanding; and Game Design, which combines creativity with immersive technologies and interactive media. Together, these electives aim to equip students with multidisciplinary skills, fostering innovation, critical thinking, and industry readiness.

RESEARCH AREAS:

Application of AI/ML in Design, Human Computer Interaction (HCI), Immersive Technologies, Conversational Design, Sustainable and Circular Product Design, Smart and Connected Products, Bio-inspired and Biomimetic Design, Design for Additive Manufacturing, Data Visualization and Information Design for Big Data, Immersive Storytelling and Transmedia Narratives, AI-generated Visual Communication and Generative Design, Digital Branding and Experience-driven Design Systems, Smart Textiles and Wearable Technology, Sustainable Fashion and Circular Textile Systems, Digital Fashion and Virtual Garments, AI-driven Fashion Forecasting and Personalization, Games for Education, Healthcare, and Training, Gamification in Social Innovation and Behavioral Change, Procedural Content Generation using AI in Games, Immersive Game Environments using XR and Haptic Technologies, Design Pedagogy, Visual Storytelling, Cultural Semantics, Folk Practices & Narratives, Digital Interfaces, Interactive Media, Vernacular Design, Craft Design, Transmedia Storytelling, Social Design, Communication Design, Visual Branding.

Department of Mathematics (Main and East Campus)

The department of Mathematics of Netaji Subhas University of Technology (formerly Netaji Subhas Institute of Technology) was established in the year 1983 under the School of Applied Sciences and later became an independent department in December 2013. The department offers a postgraduate course of M.Sc. in Mathematics and Ph.D. program in various areas of research. The department also supports all the Engineering and Science departments by offering core and advanced courses in Mathematics at the undergraduate B.Tech. and post-graduate level. The department has always been on a progressive path due to its experienced and dedicated faculty members who have a strong commitment towards providing quality Mathematics education and research.

RESEARCH AREAS:

Approximation Theory, General Relativity and Cosmology, Astrophysics, Complex Analysis, Biomechanics, Fluid Mechanics, Portfolio optimization (Optimization in finance), Stochastic Processes (Application in telecommunication systems), Numerical Analysis, Computational Techniques for Differential Equations, Numerical Analysis/CAGD, Theory of Operators, Optimization (Data Envelopment Analysis), Elasticity, Numerical Methods, Vibration, Hyperbolic Partial Differential Equations, Shock Waves, Gas Dynamics and Group Theoretic Methods, Analysis of Partial Differential Equations, Variational Methods, Non local elliptic Partial Differential Equations, Stochastic Modelling, Queueing Theory, Performance Analysis of Wireless Networks, Complex analysis in one and several complex variables, Squeezing function and related biholomorphic invariants, intrinsic metric, Optimization (Fuzzy Multi-objective programming, Multi-criteria decision-making problems), Mathematical Modeling in Epidemiology and Eco-epidemiology, Differential Equations, Dynamical Systems, Algebra and Number Theory, Theory of Modular Forms, Algebraic Number Theory, Galois Representations

Department of Physics (Main, East and West Campus)

The Department of Physics, established in 2013, is a key pillar of fundamental sciences at the Netaji Subhas University of Technology, fostering a collaborative and vibrant academic environment. The department offers various Physics courses across all undergraduate programs, a two-year M.Sc. in Physics, and a Ph.D. program spanning both experimental and theoretical domains. The M.Sc. program prepares students with a solid foundation for advanced studies as well as diverse careers in academia, research, and industries. Our M.Sc and Ph.D graduates are well placed in government services, industries, and leading national and international research institutes.

Beyond teaching, the department maintains a strong research focus. As of 2026, the department currently has 12 regular faculty members, 02 postdoctoral researchers, 40 Ph.D. scholars, and around 90 Master's students -- creating a very dynamic research ecosystem. Research areas span fabrications and applications of novel materials and nanomaterials, energy conversion and storage devices, semiconductors, nuclear and solar physics, and gravitational physics and black holes, with active global collaborations. Faculty members are also actively engaged in sponsored research and industrial consultancy projects.

Browse our website to learn more about our academic programs, faculty expertise, and ongoing research. For further information, feel free to contact us.

Department of Chemistry (Main and East Campus)

The Department of Chemistry of Netaji Subhas University of Technology (formerly Netaji Subhas Institute of Technology) was established in the year 1983 under the School of Applied Sciences. It was created as a separate department in December 2013. The department supports the Engineering Divisions by offering common courses in Chemistry (theory and practical) in the second and third semester (theory and practical). Besides, research work is also being carried out in collaboration with institutions like the University of Delhi and NPL etc.

RESEARCH AREAS:

Material Sciences, Corrosion Inhibitors, Schiff's Base Metal Complexes, Polymer Sciences, Physical/Nano-Chemistry, Synthetic Organic Chemistry, Coordination Chemistry, Computational Chemistry

Department of Humanities and Social Sciences (Main and East Campus)

The Department of Humanities and Social Sciences (HSS), earlier a part of the erstwhile School of Applied Sciences and Humanities, came into existence on 16th December, 2013. For B. Tech and M.Sc students, the objective of the Department is to enhance their language skills not only for academic and professional purposes but also for real life situations. The emphasis in this subject is to expose the students to samples of English literature and language adding to the literary and cultural dimensions as well as to nurture and encourage creativity in the students.

RESEARCH AREAS:

English Literature, American Literature, British Literature, European Literature, Indian Writing in English, Literary Theory, Popular Culture, Cultural Studies, Postcolonial Literatures, Modern European Theatre and Contemporary World Literatures.

NOTE: There will be no written test. Admission shall be on the basis of valid UGC NET score and interview.

Department of Management Studies (DMS)

The department was established in 2006 to provide quality education in the field of management. The vision of the department is to develop the management skills of young individuals from various sections of society and support them to be the business leaders of tomorrow. The entrepreneurship stream of the department is constantly indulged in promoting entrepreneurial culture in students through experience learning, guided/capstone projects, action learning sessions, residency programs at start-ups and skill development modules. The program has been conceptualized with valuable insights and collaborative inputs from industry and academia experts. The major portion of the curriculum carries practical components delivered beyond the classroom teaching.

RESEARCH AREAS:

Marketing, Customer Experience, Offline and Online Retailing, Customer Relationship Management, Operations, Human Resource Management, Finance, Accounting.

Department of Innovation, Entrepreneurship and Venture Development (DIEV)

The Department of Innovation, Entrepreneurship, and Venture Development (IEV) is a forward-thinking hub that promotes a culture of innovation and entrepreneurial thinking and drives venture creation. We want to bridge the gap between academia, industry, and the startup ecosystem by providing the resources, mentorship, and education necessary to build impactful ventures. With a strong focus on sustainability and inclusivity, we aim to create ventures that address local and global challenges while driving economic growth. Our curriculum blends academic rigor with hands-on experience, encouraging students to ideate, create, and scale businesses. The IEV Department provides a dynamic platform for students, startups, and industry professionals to collaborate, ensuring that entrepreneurial dreams become sustainable realities.

RESEARCH AREAS:

Entrepreneurship and Innovation Management, Innovation management, new product development, design thinking.

Department Faculty Information

For detailed information about the department faculty and their research areas, kindly visit the University website.

Departments Syllabus: Please find herewith the link of Google drive having syllabus of all departments.

https://drive.google.com/drive/folders/1gz9Ku2sXyeEe7VNBIUV-CR39ABMdHkJ2?usp=drive_link



NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

(Formerly Netaji Subhas Institute of Technology)

Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi - 110078

www.nsut.ac.in