

NUST AT A GLANCE



NATIONAL UNIVERSITY OF SCIENCES &
TECHNOLOGY, PAKISTAN
www.nust.edu.pk



EXPERIENCE NUST



#367 in the World,
#64 in Asia
(QS Rankings 2023/ 24)



#144 in the World
in Engineering & Technology
(QS Subject Rankings 2024)



20 Institutions,
7 Campuses,
5 Cities



159 Academic Programmes,
7 Disciplines,
4% UG Acceptance Rate



1500+
Faculty Members



18000+
Students



54000+
Graduates



400+ Labs
34 Key Labs



1st Science & Technology Park,
Largest Incubation Space
in Pakistan



Active collaborations with
247 Institutions
52 Countries

DISCIPLINES

Engineering

Information Technology

Applied Biosciences

Management Sciences

Basic/Natural Sciences

Social Sciences & Humanities

Art, Design & Architecture

159 ACADEMIC PROGRAMMES

UG

39

MS

73

PhD

47

GLOBAL RANKING IN SUBJECT AREAS

QS Subject Rankings 2023/ 24



Electrical & Electronic
Engineering

151-200



Computer Science &
Information Systems

174



Civil & Structural
Engineering

151-200



Mathematics

201-250

UG PROGRAMMES

ELIGIBILITY CRITERIA

A minimum of 60% aggregate marks each in SSC and HSSC or O/A levels or equivalent exams (as per IBCC equivalence).

SAT: Minimum score 550 (in each subject)

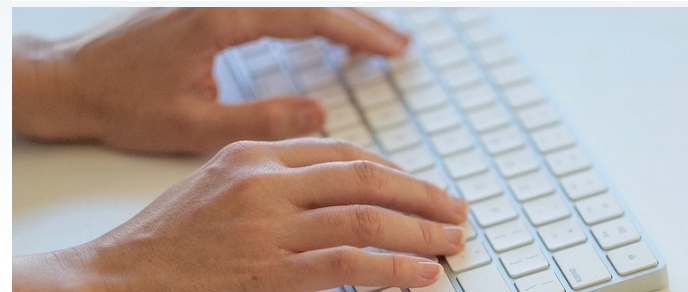
NUST Entry Test: Conducted four times a year in Pakistan. Best NET score is considered for merit generation

ACT / SAT REQUIREMENTS

Programmes	ACT / SAT Scores Required
Engineering Computer Science, Data Science, Bioinformatics Biotechnology, Food Science & Technology, Environmental Science Architectural & Industrial Design	ACT Composite Score (Minimum score to apply - 25)
Natural Sciences (Maths / Physics / Chemistry)	ACT STEM Score (Minimum score to apply - 25)
Business Studies and Social Sciences / LLB	SAT Test (SAT-I) (Minimum score to apply in each subject - 550) OR ACT Score of Maths, English and Reading (Minimum score to apply in each subject - 25)

MERIT CALCULATION

SSC / O Level / Equivalent	-	10%
HSSC (Part-1) / HSSC / A Level / Equivalent / DAE -	-	15%
ACT / SAT / NUST Entry Test	-	75 %



- » Students can also apply for International seats on the basis of ACT / SAT Score.
- » Candidates are required to enter their valid ACT / SAT Scores by the date mentioned on the NUST website.
- » Details about UG programmes, eligibility criteria and other relevant information is available on NUST website www.nust.edu.pk under link Admissions > Undergraduates > Pages.

MASTERS PROGRAMMES

GENERAL ELIGIBILITY

NUST is offering Masters (MS) Programmes in Engineering (IT), Natural Sciences, Applied Biosciences, Management Sciences and Social Sciences disciplines.

International students, Pakistanis holding foreign nationalities and Pakistanis living abroad are eligible to apply for Masters and PhD programmes. They will have to compete with the local students for admission.

ELIGIBILITY CRITERIA (FOR MS PROGRAMMES)

Eligibility criteria for international students is the same as for national students.

International students are only eligible for programs at H-12 Campus (Islamabad).

- 16 years of schooling or 4 years education after HSSC/A' Level in relevant discipline
- (General) conducted by ETS, USA, with following minimum score separately in each section:-

Description	Scale
Quantitative	151/170
Verbal	146/170
Analytical Writing	3.5/6.0

PhD PROGRAMMES

GENERAL ELIGIBILITY

18 years of education in a related discipline as given below with minimum CGPA 3.0/4.0, 3.75/5.0 (in the Semester System) or First Division (in the Annual System) in M.Phil/MS/Equivalent with research work. The candidate should have completed a minimum of 30 credit hours out of which 24 credit hours must be coursework. The percentage will be valid only if the CGPA is not mentioned in the degree/transcript.

INTERNATIONAL STUDENT ELIGIBILITY

MS/MPhil degree (18 years of education in relevant discipline)
GAT (Subject) Test by NTS (Score => 60 or NUST Subject type test (Score => 70%) OR GRE(General) conducted by ETS, USA, with following minimum score separately in each section:

Description	Scale
Quantitative	151/170
Verbal	146/170
Analytical Writing	3.5/6.0

Note: >> GRE/GAT (subject) test score should be valid on starting date of PhD programme
>> Foreign qualified candidates to provide recognition and equivalence certificate of MS/MPhil from HEC



PAVING THE WAY FOR INCLUSIVE GROWTH



FINANCIAL INCENTIVES

NEED-BASED FINANCIAL ASSISTANCE

NUST offers a good number of need-based scholarships to its BS & MS students. Candidates should apply for these scholarships online at the time of applying for admission.

MERIT-BASED SCHOLARSHIPS

Top position holders in MS & PhD with minimum 3.75 GPA in 1st semester will be eligible for merit-based scholarships (ICT Endowment Fund).

NUST OUTREACH PROGRAMME - EDUCATION FOR ALL



NUST conducts extensive outreach for students from the underprivileged areas of Pakistan in order to prepare them for the highly competitive NUST Entry Test. NUST currently reaches out to students in remote locations in Balochistan, Interior Sindh and KPK, with the plan to expand the scope of programmes in coming years.

AFFORDABLE FEE



NUST is committed to inclusive growth, offering premium educational experience without burdening the wallets. We ensure that no one is left behind from gaining NUST experience for want of financial resources. Our degree programmes are amongst the most cost effective in the country.

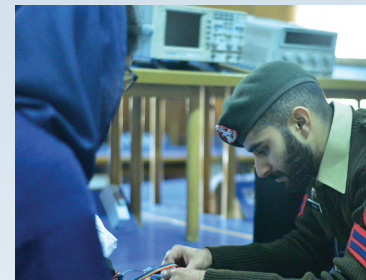
For more details:

<https://nust.edu.pk/admissions/undergraduates/international-students/>

ONE WORLD, DIFFERENT FACES, INFINITE POSSIBILITIES



Equal opportunities for everyone



A unique civil-military collaboration



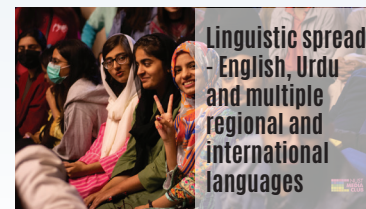
Diverse demographic background of students



Ethnic & cultural diversity



Equitable environment for differently abled people



Linguistic spread - English, Urdu and multiple regional and international languages



NUST Internship Programme for Foreign Students

RESEARCH, INNOVATION & COMMERCIALISATION

Apart from fostering academic excellence, the NUST knowledge ecosystem provides necessary strategic and operational support for undertakings pertaining to research, innovation and commercialisation at the university.

6 research themes

60+ research areas

418 world-class laboratories

1200 Industrial Projects

34 key labs

76% of NUST research publications are journal articles

1517 research projects pursued at NUST -

1,083 completed (1999-2022)

61% of WoS Impact Factor publications are in collaboration with faculty and researchers of foreign universities

NUST holds the country's first university-based **Intellectual Property (IP) Office**.

We are also amongst the first Pakistani Universities to have established **Technology Innovation Support Centre of the World Intellectual Property Office (WIPO)**

1100+ PATENTS FILED | **225** AWARDED

the highest numbers by any Pakistani university

INDUSTRY PARTNERSHIP

AREAS OF COLLABORATION

- >> Industrial research projects
- >> curriculum improvement
- >> Student internships and employment
- >> Faculty placements
- >> Technology transfer
- >> industry-specific trainings

NUST IS THE FIRST PAKISTANI UNIVERSITY TO HAVE TRANSFERRED UNIVERSITY-BASED TECHNOLOGIES (76 IPRs) TO INDUSTRY

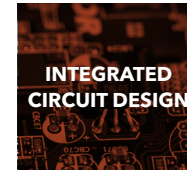


More than **800** industry partners

PAKISTAN'S FIRST INTERDISCIPLINARY RESEARCH CLUSTER

SCHOOL OF INTERDISCIPLINARY ENGINEERING & SCIENCES

31 HI-TECH LABS UNDER ONE ROOF
07 INTERNATIONAL INDUSTRIAL LABS

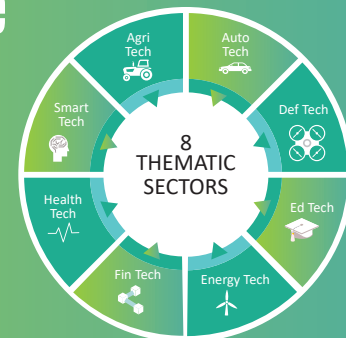


PAKISTAN'S FIRST NATIONAL SCIENCE & TECHNOLOGY PARK (NSTP)

1st Hi-Tech Zone

TECHNOLOGY RESEARCH INNOVATION HUB

- 100+** Hi-tech companies on board –
- 40+** Anchor tenants and SMEs
- 60+** Startups



INSPIRING SUSTAINABILITY

NUST is committed to accelerating sustainable development by creating sustainability case studies using NUST as a living lab to prove scalable solutions for Pakistan.

NUST Sustainability office is a platform for effective collaboration with national, regional, and international stakeholders on sustainability initiatives.

Uses 100% recycled wastewater for its horticultural practices.	SDG 6
Maintains 378 acres of green land and over 100,000 trees, with periodic tree plantations twice a year.	SDG 11,13 & 15
Covers around 25% of its energy consumption via solar energy.	SDG 7 & 13
Implements a circular economy model on campus.	SDG 12
The university engages students and faculty in its sustainability efforts on and off campus.	SDG 17
Launched Integrated Climate Policy and Action Plan (2023 - 2050).	SDG 13



QS SUSTAINABILITY

RANKINGS 2024

NUST RANKED

#339

in the World

NAVIGATING NEW FRONTIERS IN LEARNING! NUST SCHOOL OF HEALTH SCIENCES

NUST School of Health Sciences (NSHS) is the latest addition to the knowledge ecosystem of the university. NSHS focuses on the professional, personal and intellectual development of students to ensure that graduates become leaders in the healthcare domain. The School aims to follow evidence-based best practices and international standards in curriculum and assessment that enhance student engagement and develop clinical competence in the community at large. NSHS provides a platform for students to embark on a transformative educational journey, where they have access to world class resources, mentorship from renowned faculty members and opportunities to engage in cutting-edge research. With a highly skilled and motivated faculty, NSHS aims to nurture and inculcate the spirit of research, innovation professionalism and ethics in the students, as they set off for a rewarding journey with us.



FROM CLASSROOM TO COMMUNITY: DISCOVER YOUR TRIBE!



SOUTH EDGE-THE SPORTS ARENA IGNITE YOUR PASSION; PLAY WITH HEART!

In conjunction to uncompromising focus on the development of academic competence, NUST has established one of the finest and comprehensive Sports Complex, South Edge at its Islamabad campus. Inaugurated in December 2020, the complex consists of multiple facilities, including swimming pool, bowling alley, indoor games hall, male and female gymnasia, badminton courts, tennis courts, basketball courts, wall climbing, skating rink, running track and more.



Swimming Pool



Bowling Alley



Badminton Courts



Wall Climbing



Gymnasia



Tennis Courts



Basketball Courts



Skating Rink

Besides academic excellence, Nustians display dynamic literary, creative and artistic abilities and aptitudes for co-curricular activities. There are 35+ central clubs and societies on campus, catering to a range of interests of students in the company of like-minded individuals.



A HOME AWAY FROM HOME ON-CAMPUS AMENITIES

NUST provides comfortable and affordable on-campus accommodation facilities to its faculty, students and employees. The residential areas have adjacent recreational facilities to provide a healthy and all-encompassing life experience on campus. NUST Islamabad Campus provides hostel facilities essentially to the outstation students as per hostel allotment criteria.



ECHOING GREEN



NUST is making efforts to create a #Green Campus through measures such as the use of eco-friendly shuttles, installation of 1MW solar system, recycling of 20,000 litres of water per day, and regular tree plantation campaigns, to mention a few. All these initiatives have helped NUST in landing at #4 in the world in SDG-7 i.e. Affordable & Clean Energy.

Map your Future Course

NUST *Today*

CAREER *Tomorrow*

#93 EMPLOYEE REPUTATION RANKING
QS WORLD UNIVERSITY RANKING

We are Going Places!



NUST



National University of Sciences & Technology

Islamabad | Rawalpindi | Risalpur | Karachi | Quetta

UAN: 111-116-878 |     |  nust.edu.pk

Produced by M&C Dte