



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY (NUST), PAKISTAN

Islamabad | Rawalpindi | Karachi | Risalpur | Quetta



VISION

NUST aspires to be a comprehensive university providing a higher education experience grounded in **thought leadership**, **co-creation of knowledge**, and **sustainability**.



MISSION

NUST is committed to being a university that stimulates **intellectual curiosity**, **behavioral progression**, and **environmental stewardship**. We nurture future **leaders**, **job creators**, and **lifelong learners**, with the ability to foster **partnerships**, and **intercultural competence** to impact their communities and beyond. Through adherence to our core values, we create an ecosystem that promotes **research**, **innovation**, and **productivity**.

INTELLECTUAL CAPITAL

NUST AN EXPERIENTIAL LEARNING SPREAD



PUBLIC SECTOR UNIVERSITY

Estb 1991



22

Institutions



05

Cities



Accessibility

NATIONAL FOOTPRINT



07

Disciplines



168

Programmes



1,248

Faculty Members



21,032

Students



58,479

Graduates



4%

UG Acceptance

SDG Aligned

Innovation Focused

Collaboration Driven

NUST-QS WORLD RANKINGS 2024-2025



#371

In World

#3

In South Asia

#68

In Asia

Engineering & Technology (Subject Rankings 2025)

#1

In Pakistan

#127

In the World



MULTIDISCIPLINARY STRENGTH

7 Disciplines

Engineering & Technology

Computing & Information Technology

Life Sciences & Medicine

Arts & Humanities

Natural Sciences

Social Sciences

Business & Management



NUST FACULTY



71%

PH.D. FACULTY



59%

FOREIGN QUALIFIED



27%

FEMALE



UK
99



China
92



Malaysia
75



USA
75



Germany
46



South
Korea
39



Australia
32



France
28



Italy
18



KSA
12



Japan
11



Others
188



47 Researchers amongst the **Global Top 2%** Scientists



ACTIVE ENGAGEMENTS & PARTNERSHIPS

272 UNIVERSITIES
IN **57** COUNTRIES



71% joint publications

89 research projects funded by Int'l agencies

750 international visitors - **42** countries

Data from 2022 - 2024

**Faculty
Exchange**

**Student
Exchange**

**Joint
Research**

**Twin
Labs**

**Curriculum
Development**

NUST AN INTERNATIONAL SEAT OF LEARNING



29

Student Nationalities



219

International Students



NIPIS

Summer Internship
Program for International
Students

China Study Center

Japan Center

Lincoln Corner

Portuguese Chair

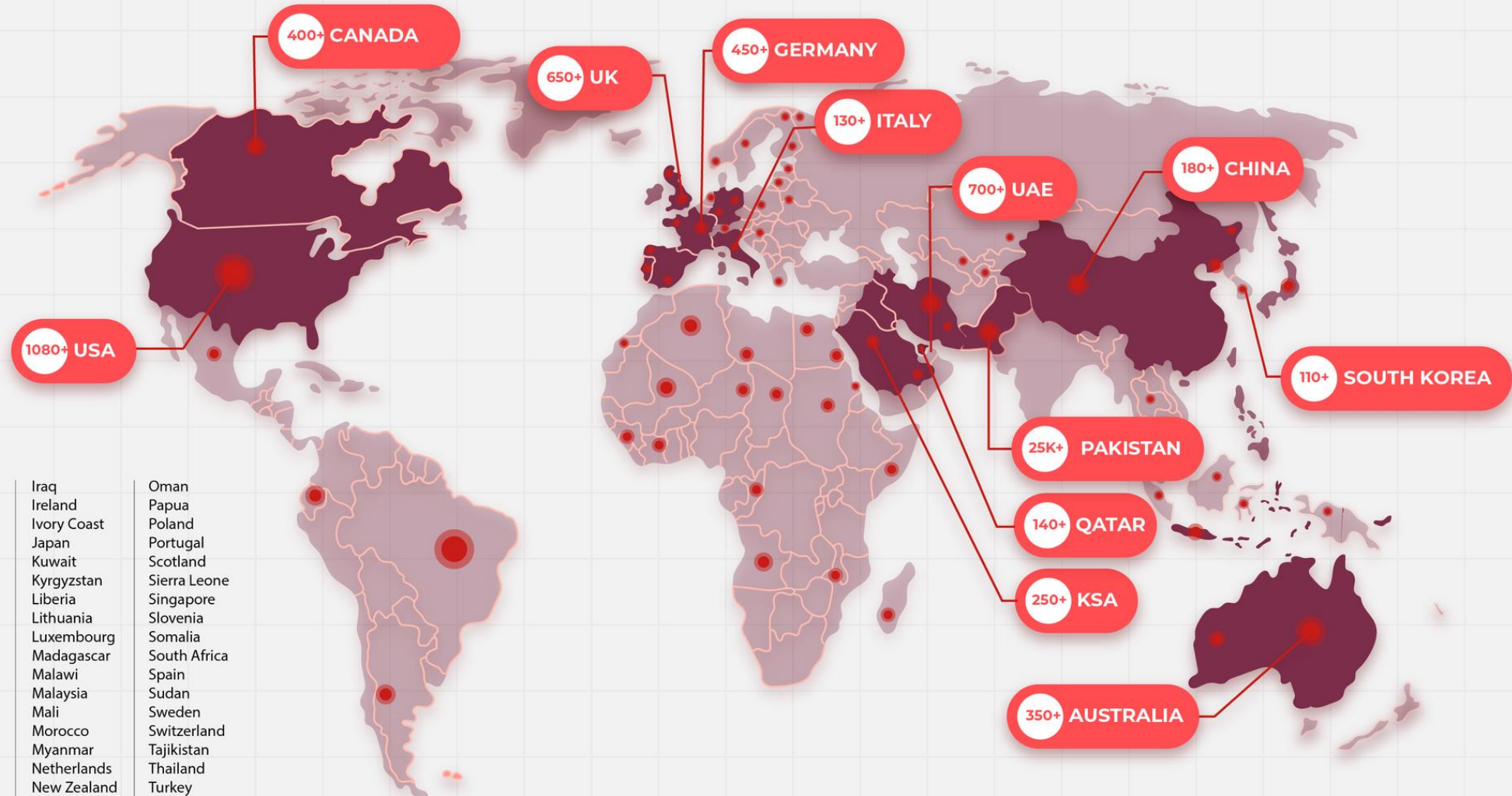




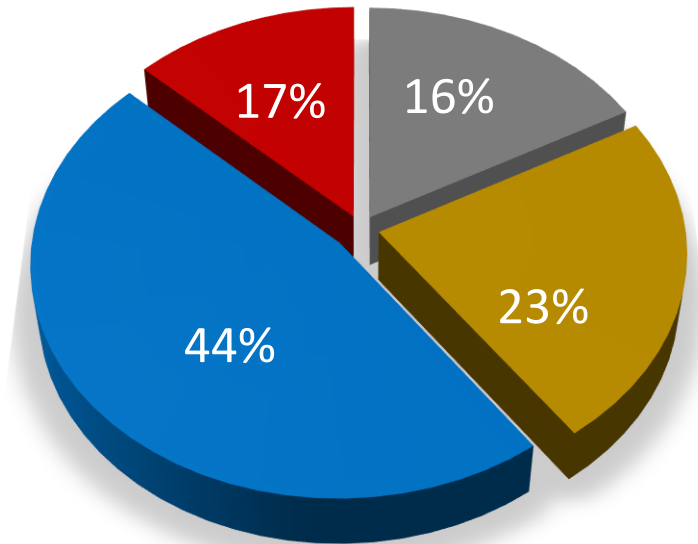
NUST ALUMNI NETWORK

MAKING A MARK IN 70 COUNTRIES AND COUNTING...

An increase in the global footprint of NUST Alumni



SOCIO-ECONOMIC DEMOGRAPHICS OF STUDENTS



Monthly Income below PKR 40,000

Monthly Income PKR 40,000 to 80,000

Monthly Income PKR 80,000 to 125,000

Monthly Income beyond PKR 125,000

Approximately **60%** of the students face financial constraints with net monthly family income of less than **PKR 80,000**



1/3rd

Degree Cost
against Top tier HEIs in
Pakistan

**Based on averages for 8 years of admission data*

RESEARCH & INNOVATION ECOSYSTEM

RESEARCH EXCELLENCE



439

Labs



21

Key Labs
One of their kind in
Pakistan



60+

Research
Areas



1600+

Industrial Projects



NUST INTELLECTUAL PROPERTY RIGHTS & TECH TRANSFER ECOSYSTEM

Lead WIPO Partner in the region for promotion of IP Policies

FILED IPs: **1200+**

AWARDED IPs: **240**

Including international IPs:

- ✓ **7** US
- ✓ **1** Korean
- ✓ **1** Patent Cooperation Treaty (PCT)

1st
PAKISTANI
UNIVERSITY

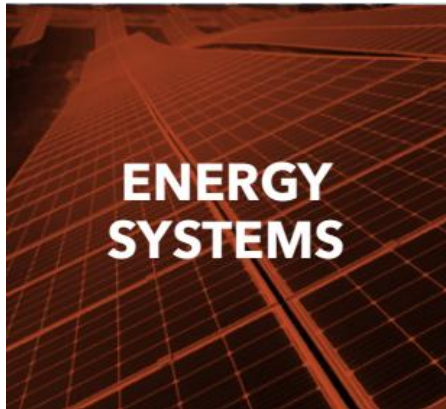
TO TRANSFER
TECHNOLOGY
TO INDUSTRY

87 IPs Licensed

NUST Won **AUTM's Better World Project 2023** by receiving record breaking votes



EKKO
A **vibrational-wave technology** for treating neurodegenerative disorders such as cerebral palsy and autism

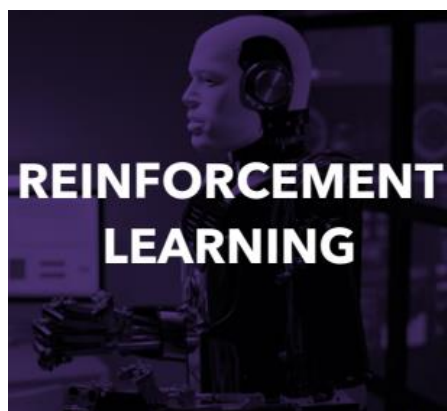
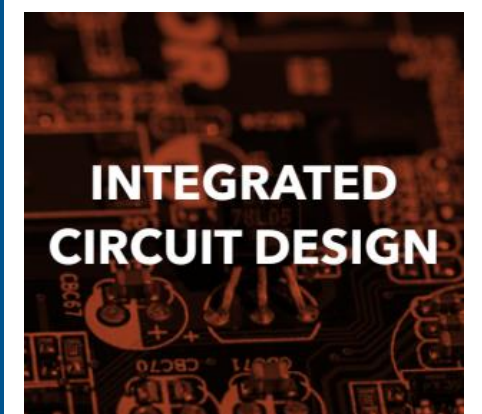


PAKISTAN'S 1st
**INTERDISCIPLINARY
RESEARCH CLUSTER**

**School of Interdisciplinary
Engineering & Sciences**

38 Hi-Tech Labs under One Roof

10 International Industrial Labs



Industrial R&D Partners

Expanding Innovation Ecosystem beyond Academia



**DreamBig
Semiconductor USA**



**Arcelik Global
Turkiye**



**Turkish Aerospace
Industries**

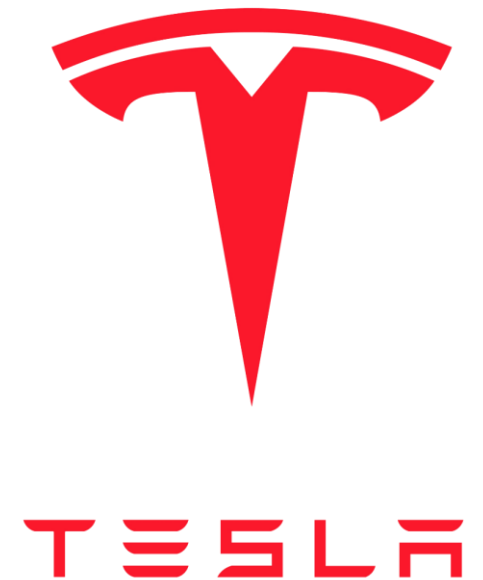


**HATO
Netherlands**



**Tufail Group
Pakistan**

Formula Electric Racing NUST (FERN) 2023



Team FERN has been **selected by Tesla** as its **Innovation Partner**



ENTREPRENEURIAL ECOSYSTEM

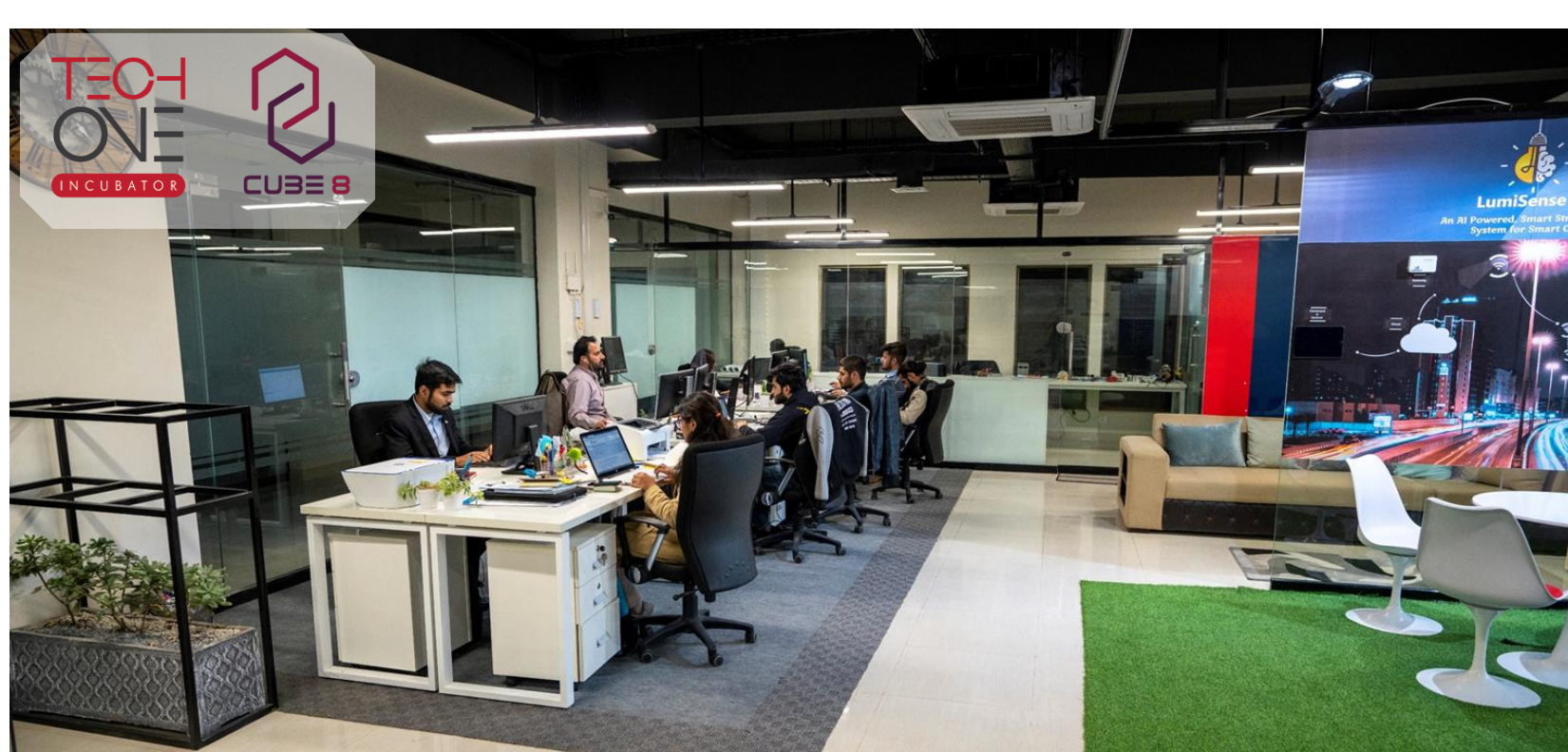


ENTREPRENEURIAL ECOSYSTEM

Estb.
2005



- Oldest, Largest and Longest University Incubation Program in Pakistan
- 3-CH course on Entrepreneurship for all UG students



Graduated
Companies

250+

Currently Incubated
Companies

80+

Female-led Startups

20%

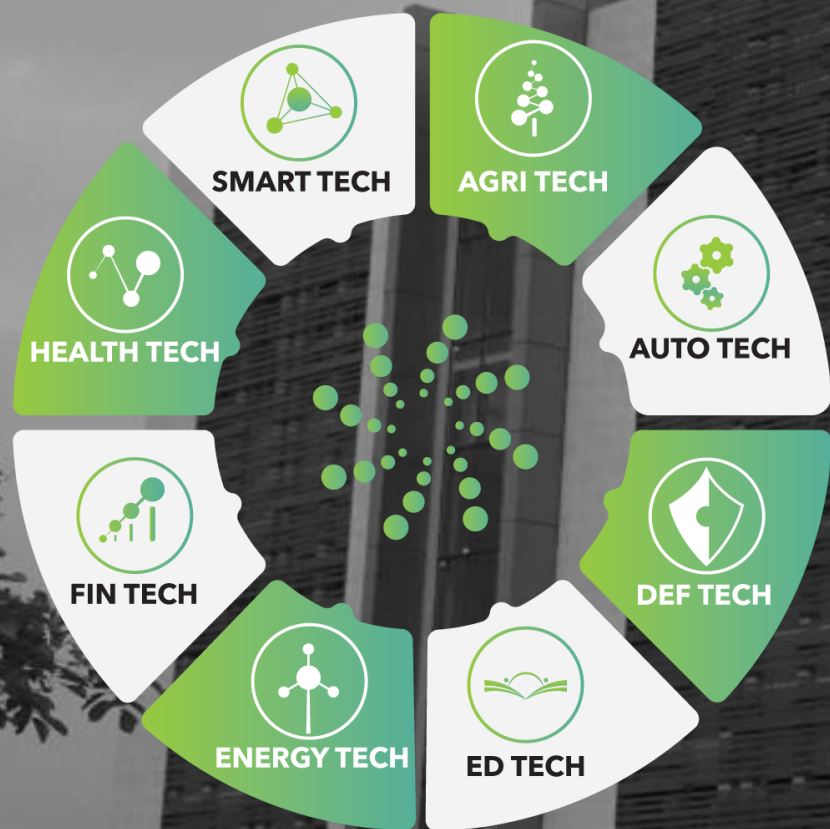
Contribution to
National Economy

PKR
20 B

NATIONAL SCIENCE & TECHNOLOGY PARK

Estb.
2019

Pakistan's First University based S&T Park



- **100+** Hi-Tech Companies on-board
 - ❖ **40+** Anchor Tenants and SMEs
 - ❖ **64** Startups
 - 15 MNCs from 11 Countries**

8 Thematic Sectors

High-Tech Special Economic Zone & High-Tech Special Technology Zone (SEZ & STZ)

58 Acres of Land for Expansion

Investments by International VCs



\$20M

Race Capital backs
Vectara



\$7.9M

Peter Thiel backs
PriceOye



\$6.7M

Foothill Ventures
backs Veeva



\$500,000

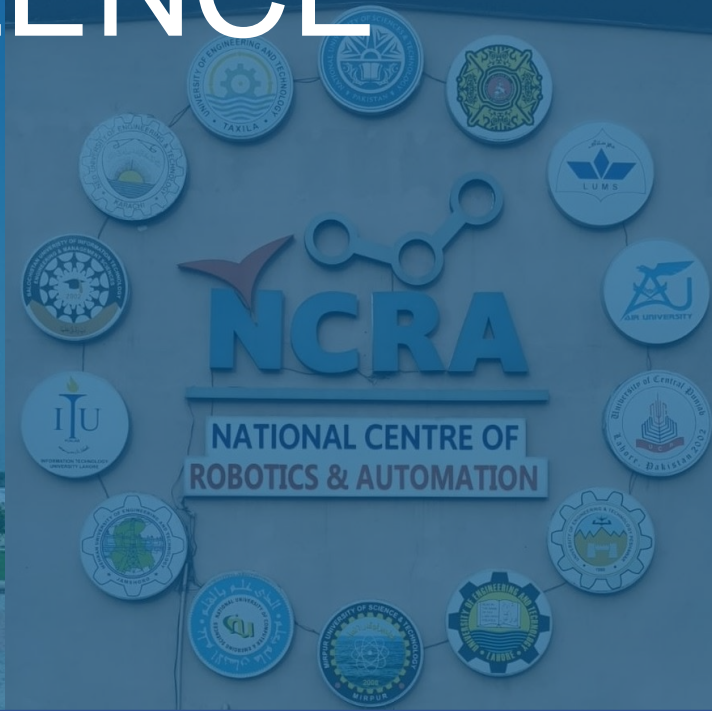
Adam Draper invests
in Orbit - Ed

Center For Advanced Studies
ENERGY

NCAI

CENTRES OF EXCELLENCE

CIPS



CENTRES OF EXCELLENCE IN DISRUPTIVE TECHNOLOGIES



NATIONAL CENTRE
FOR
**ARTIFICIAL
INTELLIGENCE**

NATIONAL CENTRE
FOR
**ROBOTICS &
AUTOMATION**

KEY LABS - NATIONAL
CENTRE FOR
**CYBER
SECURITY**

KEY LABS - NATIONAL
CENTRE FOR
**BIG DATA &
CLOUD COMPUTING**

NUST **CHIP DESIGN CENTRE**

CENTRE OF RESEARCH IN **SURFACE ENGINEERING**

Anechoic Chamber, NUST

CENTER FOR INTERNATIONAL PEACE & STABILITY

MS & PHD IN **PEACE AND CONFLICT STUDIES**

Estb.
2013



Inaugurated by UN Secretary General
Ban ki Moon



Declared **Center of Excellence** by UN
Secretary General António Guterres in 2020



10 **UN Peacekeeping Courses**

47 Countries Engaged

220 Courses Conducted

4175 Participants



“NIPS performs world class knowledge diplomacy and contributes to comprehensive knowledge development through evidence-based original and expert inputs to policy formation and processes”

RESEARCH AREAS

Economy, Governance, &
Socioeconomic Development

CPEC Belt & Road Initiative

IR, Geopolitics, & Security

Knowledge, Economy,
& Science Parks

Water, Energy, &
Environment



CAMPUS LIFE

40 Student Clubs & Societies





CAMPUS FACILITIES

- All Weather Swimming Pool
- Saddle Club
- Gym
- Bowling Alley
- Health and Wellbeing Centre
 - On Campus Housing and Dining
 - Squash and Tennis Courts
 - Electric Carts
 - Pick and Drop Service
 - 24/7 Counselling and Advisory Services



Eligibility & Admission Requirements

Eligibility Criteria

Undergraduate

- 12 years of schooling in a relevant subject group with minimum 60% marks in both SSC/O-Level and high school/A-Level.

Admission Requirements

- ACT/SAT Scores
- IBCC Equivalence

Masters

- 16 years of schooling with ≥ 2.0 to 2.5 CGPA in Bachelor's degree related discipline.

- GRE Scores
- HEC Equivalence

PhD

- 18 years of schooling with ≥ 3.0 CGPA in Master's degree in related discipline.

- GRE Scores
- HEC Equivalence

Key Relaxations for international Students:

- Application Fee Waiver
- Conditional admission is granted without ACT/SAT/GRE, however you will have to take NUST Admission Test after joining your degree program.

Application Process

•How to Apply?

- International students submit their application at:

<https://intl-admission.nust.edu.pk/>



When to Apply?

- International applicants apply on the Application Portal throughout the year.
- Admissions are offered in both **Fall (September) & Spring (January)** semesters



@nustinternationaloffice



NUST International Office



adic.qa@nust.edu.pk
ddnio.issm@nust.edu.pk



Avenues for **COLLABORATIONS**



Student Exchange

- Academic / Research
- Semester exchange
- Lab research exchange



Research partnerships

- Joint proposals
- Lab – Lab connections
- Co-supervision



Faculty Exchange

- Teaching - full time
- Teaching - block courses
- Research visits



Industry partnerships

- Industrial project
- Internships



Staff Mobility

- Admin Expertise Sharing



Incubation

- Start up mentoring
- Incubation space



Joint Events

- Webinars
- Conference
- Workshops
- Micro-credentials



THANK YOU