



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY (NUST), PAKISTAN

Islamabad | Rawalpindi | Karachi | Risalpur | Quetta

NUST

AN EXPERIENTIAL LEARNING SPREAD



22

Institutions



07

Campuses



182

Programmes



4%

UG Acceptance



07

Disciplines



1,391

Faculty Members



21,000+

Students



63,503

Graduates



SDG Aligned



Innovation Focused



Collaboration Driven

MULTIDISCIPLINARY STRENGTH

7 Disciplines

Engineering & Technology

Computing & Information Technology

Life Sciences & Medicine

Arts & Humanities

Natural Sciences

Social Sciences

Business & Management



NUST-QS WORLD RANKINGS 2025-26



#384

In World



#3

In South Asia



#68

In Asia



#121

Employer
Reputation



#114

In Comp Sc &
Information sys



#132

In Engineering
& Technology



NUST AN INTERNATIONAL SEAT OF LEARNING



41

Student Nationalities



229

International Students



NIPIS

Summer Internship Program
for International Students

Japan Center

Lincoln Corner

Satbayev Center

China Study Center





ACTIVE ENGAGEMENTS & PARTNERSHIPS

300+ UNIVERSITIES
IN **56** COUNTRIES



59% Joint publications on WoS

92 research projects funded by Int'l agencies

134 outbound student visits - **20** countries

1392 inbound visits from **91** countries

Data from 2022 - 2025

21,914 Total Research Publications on WoS **12,745** Joint Research Publications

**Faculty
Exchange**

**Student
Exchange**

**Joint
Research**

**Twin
Labs**

**Curriculum
Development**

NUST FACULTY



78%

PH.D. FACULTY



60%

FOREIGN QUALIFIED

Female Faculty



31%



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

ENTREPRENEURIAL ECOSYSTEM

- Pioneer in university-based incubation
- The largest incubation space in Pakistan
- Mandatory UG Course on Entrepreneurship



FILED IPs: **1100+**
AWARDED IPs: **225**
INTERNATIONAL IPs: **9**

70 IPs
TRANSFERRED
TO INDUSTRY

Graduated
Companies

250+

Currently Incubated
Companies

64

Female-led Startups

20%

Contribution to
National Economy

PKR
20B+

Knowledge
Workers

2000+

Internships provided to
NUST Students

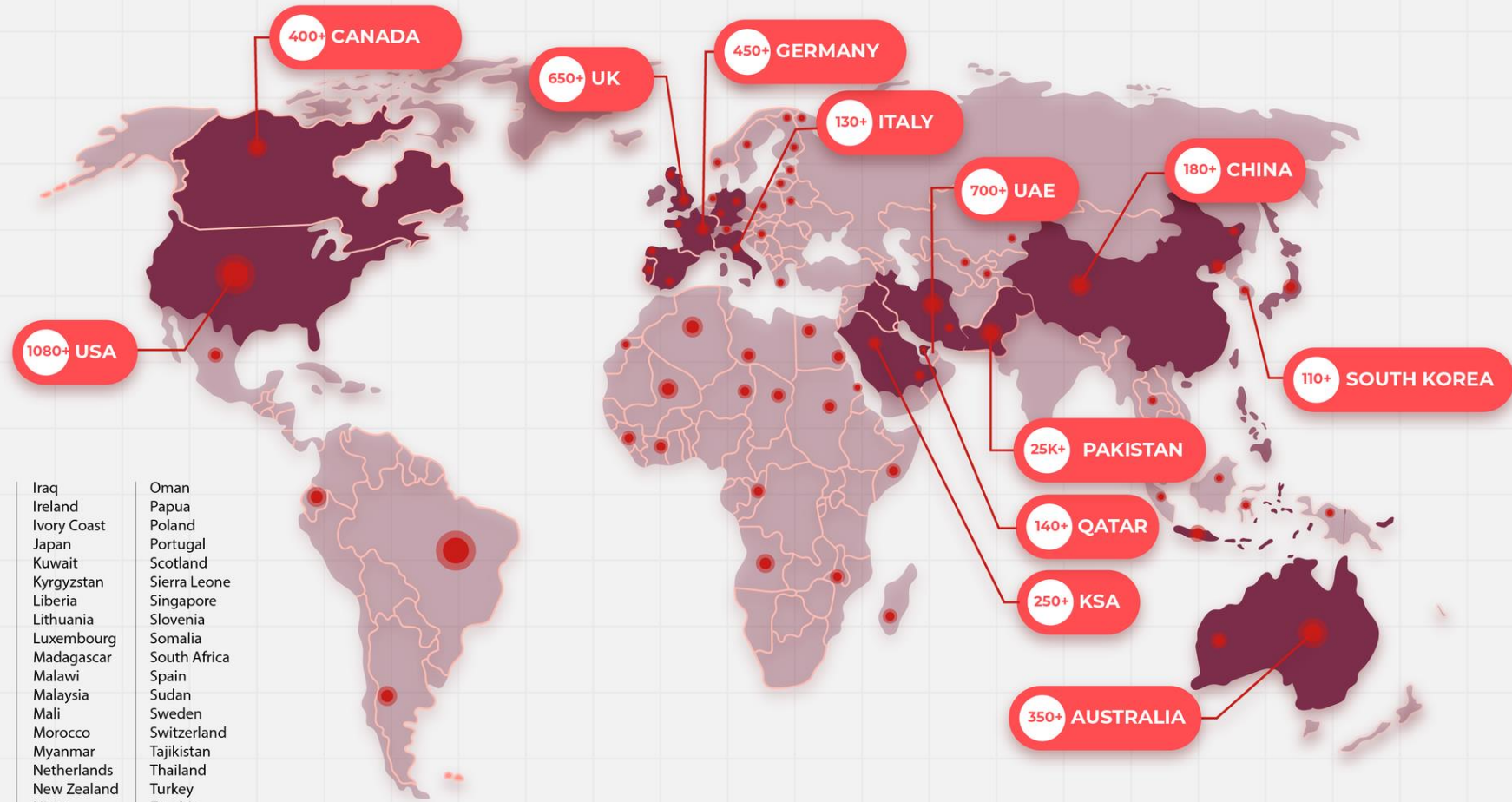
2000+



NUST ALUMNI NETWORK

MAKING A MARK IN 70 COUNTRIES AND COUNTING...

An increase in the global footprint of NUST Alumni



NUST INTELLECTUAL PROPERTY RIGHTS & TECH TRANSFER ECOSYSTEM

Lead WIPO Partner in the region for promotion of IP Policies

FILED IPs: 1300+

AWARDED IPs: 251

Including international IPs:

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

1st
PAKISTANI
UNIVERSITY

TO TRANSFER
TECHNOLOGY
TO INDUSTRY

111 IPs Licensed

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



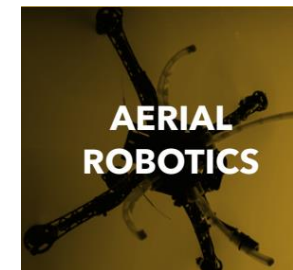
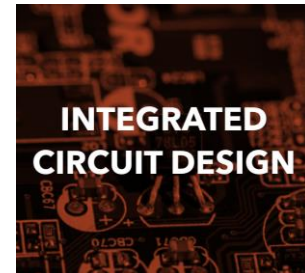
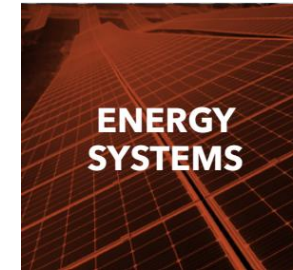
EKKO
A **vibrational-wave technology** for treating neurodegenerative disorders such as cerebral palsy and autism

PAKISTAN'S 1st INTERDISCIPLINARY RESEARCH CLUSTER

**School of Interdisciplinary
Engineering & Sciences**

37 Hi-Tech Labs under One Roof

10 International Industrial Labs



**Turkish Aerospace
Industries**



**Arcelik Global
Turkiye**



**DreamBig
Semiconductor USA**



**HATO
Netherlands**

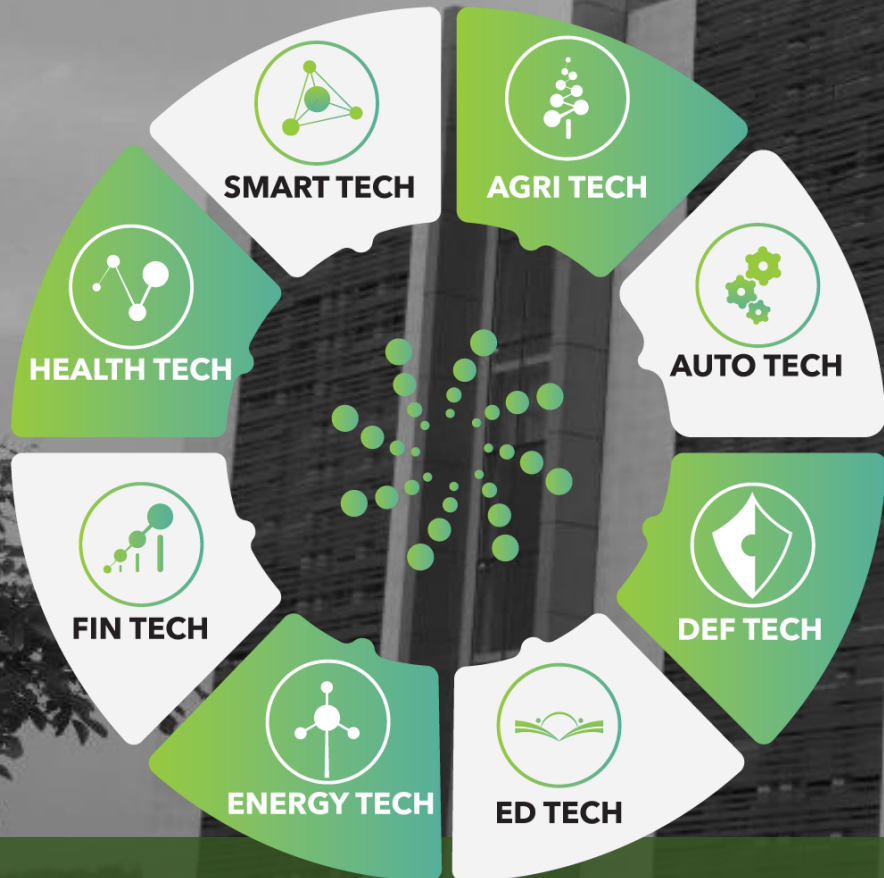


**Tufail Group
Pakistan**

NATIONAL SCIENCE & TECHNOLOGY PARK

Vision to Reality

Pakistan's Premium Science and Technology Park



- ❖ **117** Companies present
 - ❖ **57** Anchor tenants and SMEs
 - ❖ **60** Startups
- Companies from **16 Countries**

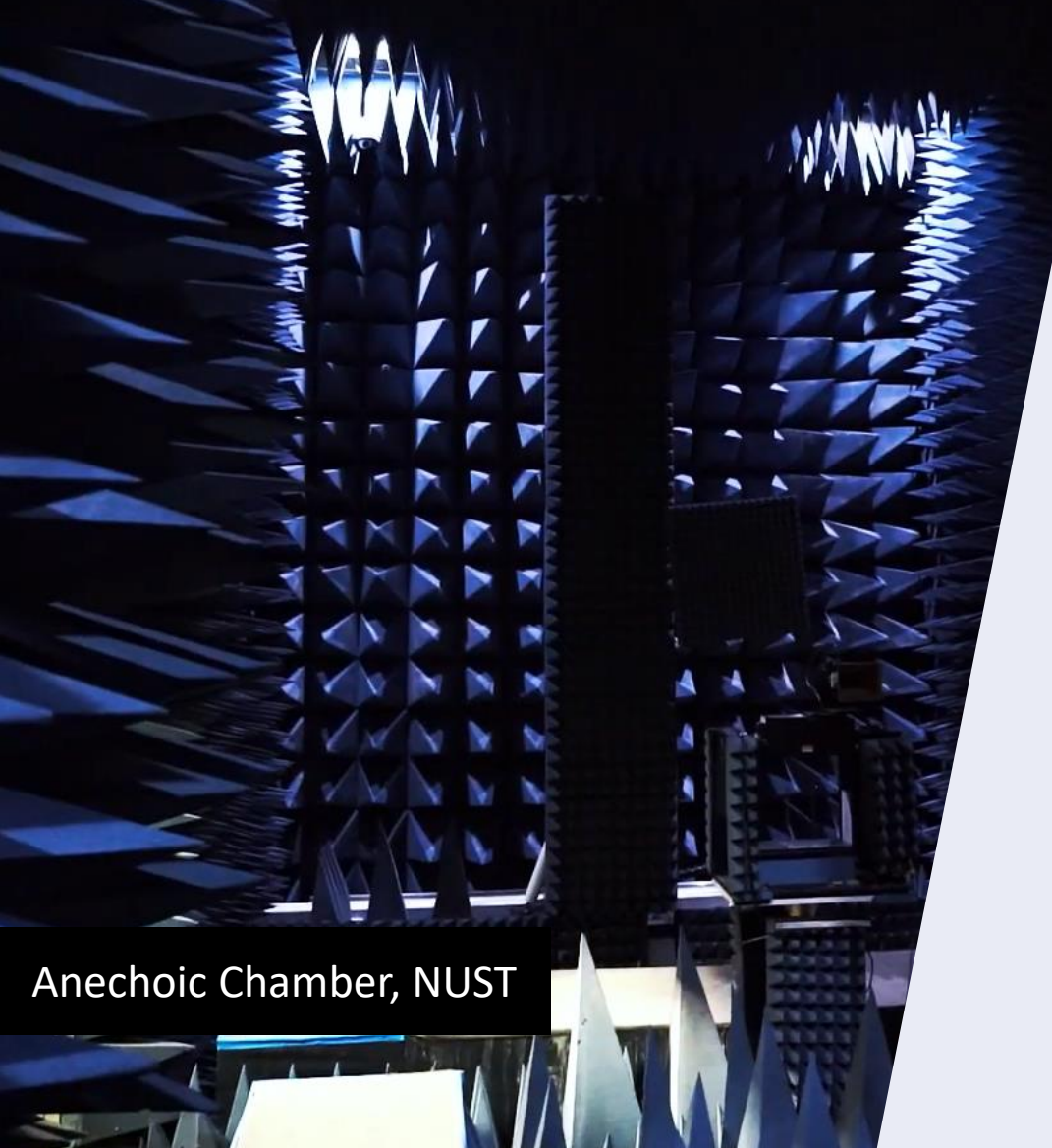
- **27** International R&D labs

- High-tech Special Economic Zone (**SEZ**) &
- Special Economic Technology Zone (**STZA**)

- **71 Acres of Land for Expansion**
- **3x Operational, 2x Under Construction**

Largest and Longest Incubation in Pakistan - 250+ Graduates

CENTRES OF EXCELLENCE IN TECHNOLOGIES



Anechoic Chamber, NUST

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

US-PAKISTAN CENTER FOR ADVANCED STUDIES IN ENERGY

CENTER OF EXCELLENCE IN SOCIAL SCIENCES



Center for International
Peace and Stability



Centre of Excellence on
Population & Wellbeing Studies



NUST Institute of
Policy Studies



CENTER FOR ADVANCED STUDIES IN ENERGY (Est. 2012)

NUST-ASU

faculty & student
exchange

>**100** PhD scholars &
faculty benefitted

7 graduate research
degree programs

700+ graduates

Center For Advanced Studies
ENERGY

CHINA STUDY CENTRE (CSC)

- NUST won '**China Study Center**' through a competitive process – **Jul 21**
- Objective – To **Prepare Human Resources** for the Belt and Road Initiative & CPEC
- Recently established Zheng He Development Centre for **Upskilling** of **Chinese Corporations' Workforce** operating in Pakistan



ZHENG HE DEVELOPMENT CENTRE

INVESTMENTS BY INTERNATIONAL VCs



\$20M

Race Capital backs

Vectara



\$7.9M

Peter Thiel backs

PriceOye



\$6.7M

Foothill Ventures
backs **Veeva**



\$0.5M

Adam Draper invests
in **Orbit - Ed**

NUST · JINNAH SCHOOL OF PUBLIC POLICY & LEADERSHIP

Iqbal Executive Development Centre

Pakistan's Foremost Institution for Public & Private Sector Leadership Education

Part of NUST's Jinnah School of Public Policy & Leadership, IEDC (formerly known as PDC) has trained **13,000+ professionals** from **800+ organisations** since 2007 — among them the **Pakistan Armed Forces, the Higher Education Commission, and the United Nations.**

13,000+

PROFESSIONALS TRAINED

800+

PARTNER ORGANISATIONS

2007

ESTABLISHED

IEDC



S3C Digital Governance System (SDGS) is a centralized platform for the delivery of student services, operating under the digital service metrics framework to ensure timelines, transparency, and accountability.



One-Window | Accountable | Student-Centric

**S3C DIGITAL
GOVERNANCE
SYSTEM**



Single Point
of Contact



Digital
Platform



Track &
Monitor



Q&A /
Policies
ChatBot



Escalation &
Resolution



Dashboard
& Analytics



S3C

STUDENT SUPPORT
SERVICES CENTRE

S3C ECOSYSTEM



Accreditation & Quality: Pursuit of Excellence

Washington Accord



1. Pakistan **Bar** Council
2. Pakistan Council of **Architects** & Town Planners
3. Pakistan **Medical** & Dental Council
4. Pakistan **Engineering** Council
5. National **Computing** Education Accreditation Council
6. National **Business** Education Accreditation Council
7. National **Agriculture** Education Accreditation Council

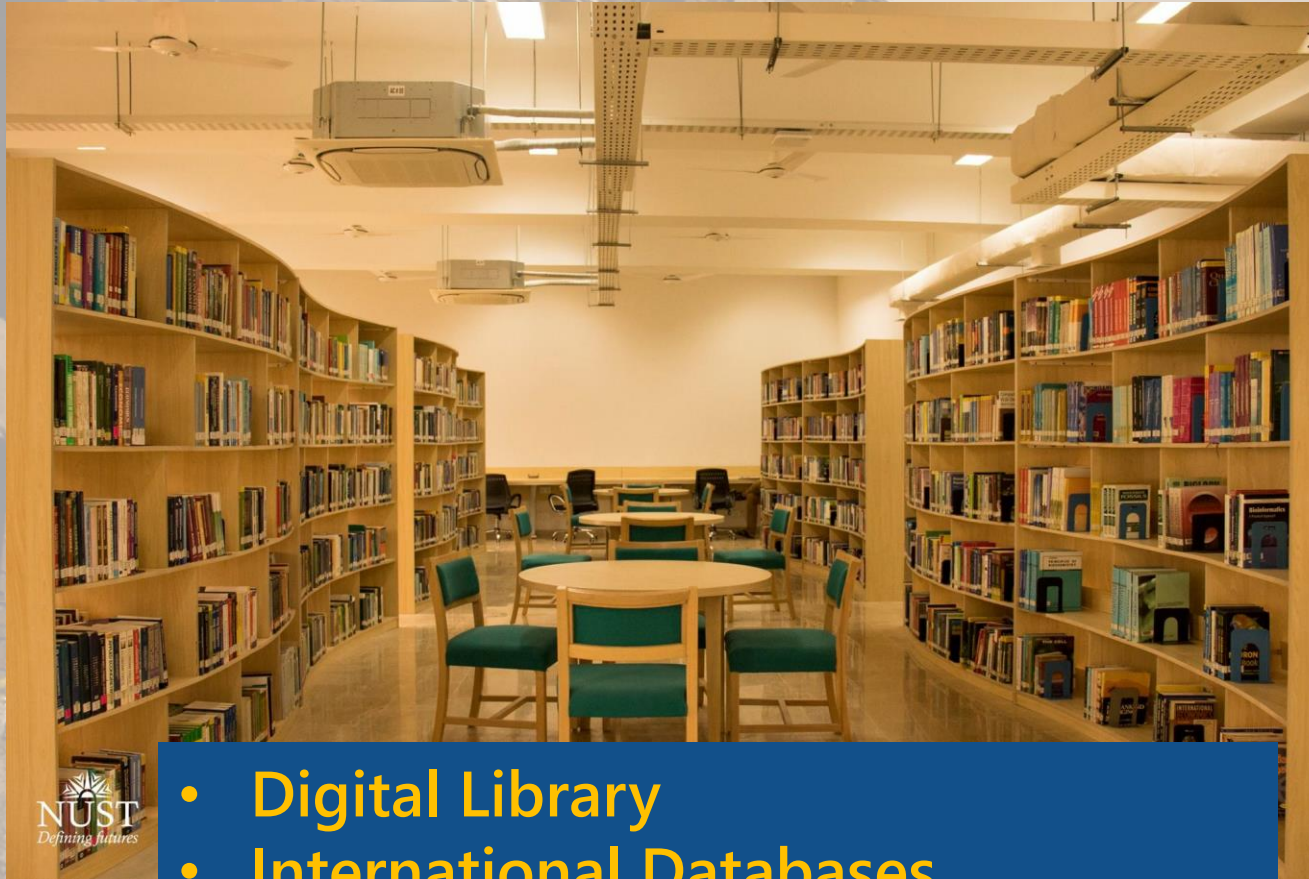
**SEVERAL NATIONAL AND INTERNATIONAL
QUALITY ASSURANCE AWARDS**



FACILITIES & INFRASTRUCTURE

NUST Library System

1 Central Library and 19 Institutional Libraries



- Digital Library
- International Databases
- Journals & Magazines
- Online Thesis Repository



NUST Medical & Mental Health Facilities

Multiple Medical Officers,
Nursing Assistant,
Emergency Medical Facility,
Dental Unit

24/7



Centre for Counseling and Career Advisory

Training, Workshops,
Outreach Consultation

Orientations



NUST Security

High Resolution Cameras

Quick Response Force (QRF) Patrolling 24 /7

03 Officers, 02 Supervisors,
15 Assistant Supervisors, 233 Guards
05 lady searchers.



Hostel and Day Care

11 Male Hostels: 2792 Capacity

07 Female Hostels: 1927 Capacity



Sustainability @ NUST - WATER



Sustainability @ NUST - ENERGY



NUST SPORTS COMPLEX



Spread over 285,266 sq ft

Latest addition to rich amenities on campus

NUST SPORTS COMPLEX

Skating Rink



Swimming Pool



Wall Climbing



Male & Female Gym



Basketball Court



Bowling Alley



CAMPUS LIFE

40 Student Clubs & Societies



NUST Learning-Focused Academic Life-Cycle

Admissions

Programs

Life-long Learning
Opportunities

Connected
Alumni

Student Support
Services

Graduation /
Outcomes

Research



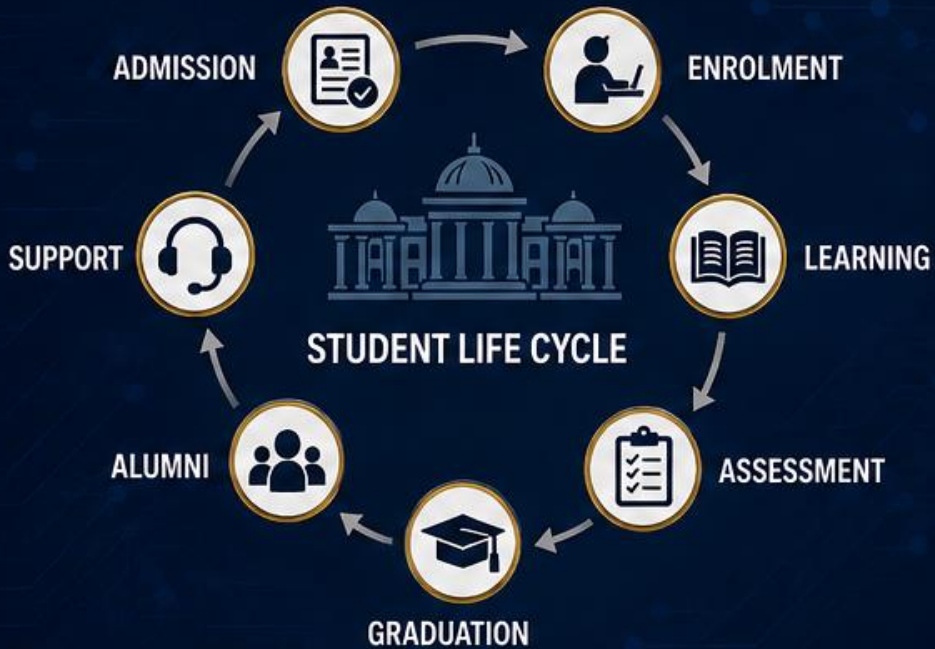
QALAM

NUST's Integrated Student Life Cycle System

NUST has implemented On-Demand Open Object (ODOO) based system, i.e., **Qalam**



It automates the student life cycle processes **from student admission to graduation.**



QALAM MODULES

1



STUDENT
ADMISSION

2



STUDENT
FINANCIALS

3



FINANCIAL AID

4



COURSE CATALOGUE
& SCHEDULING

5



STUDENT COURSE
ENROLMENT

6



ATTENDANCE
MANAGEMENT

7



GRADEBOOK

8



RESEARCH THESIS
TRACKING &
MANAGEMENT

9



SELF SERVICE
(STUDENT & FACULTY)

10



TRANSCRIPT
GENERATION

11



ALUMNI



ATTENDANCE

75% attendance is a must for a student to be allowed to appear in the End Semester Examination of a subject.



STUDENT ADVISORY SYSTEM

All UG freshmen students are assigned an Advisor who acts as a guardian/mentor to;

- **facilitate** freshman (students in their adjustment phase);
- ensure that all students understand academic regulations/policies
- **embed** a system of grooming and personality development



FINANCIAL ASSISTANCE

- Financial assistance is given to the students on a **performance basis** as per policy in vogue, in each semester.



It's RELATIVE & ASSESSMENT INTENSIVE

So, you Finally made it to NUST

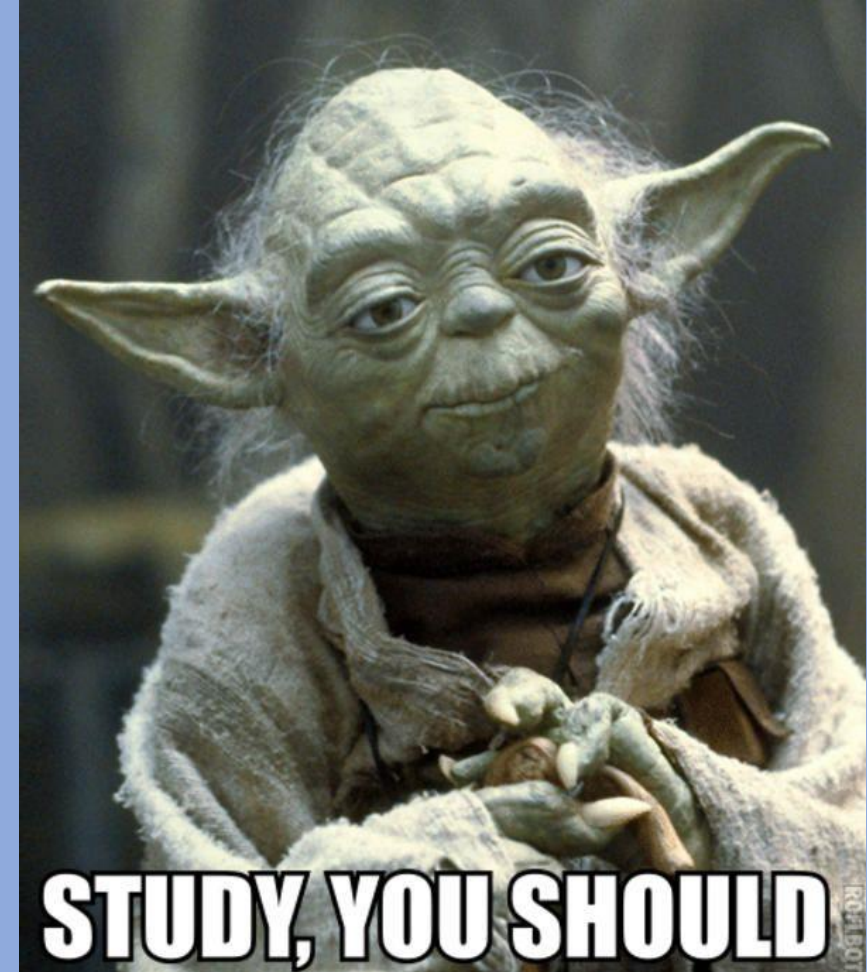


Yeah!!!

Then, Why are you sad dude???



It's VERY COMPETITIVE



CENTER FOR COUNSELLING AND CAREER ADVISOR (C3A)



NUST
Defining futures

Here to Listen. Here to Help.



FREE & CONFIDENTIAL

Professional counselling services
for all NUST students, faculty & staff.



QUALIFIED PROFESSIONALS

Trained psychologists and
counsellors providing holistic support.



AREAS ADDRESSED

Exam anxiety, stress, low confidence, academic
difficulties, homesickness, depression, trauma,
anger, relationships, procrastination &
career concerns.



STUDENT SUPPORT

A safe, caring and non-judgmental
environment promoting personal,
emotional and professional growth.



Talk.
We're here
for you.



You are
not alone.



Confidential
Compassionate
Professional



REACH OUT. GET SUPPORT.
THRIVE TOGETHER.

C3A is with you every step of the way.



Visit C3A
in your campus



E-Counselling
via MS Teams
& Google Meet



Hosla Bot
Self-screening
available 24/7



Harassment
Complaint Cell
Support & Guidance

Civic and Social Responsibility

- ❑ Compulsory course on Civic & Community Engagement – mandatory field work
- ❑ NUST Community Services Club
- ❑ Focus areas
 - ❑ Disaster Relief & Response,
 - ❑ Community Engagement
 - ❑ Education for Empowerment and Leadership

**5000+
Volunteers**

**100,000
HOURS
PER YEAR**







IN TURKIYE & SYRIA

Syria are in dire need of humanitarian assistance following a massive 7.8-magnitude earthquake. In collaboration with Government of Pakistan, is participating in the cause through collecting donations

DATE?

& Bedding Shawls First Aid Kits

Clothing Tents

Donations in cash, transfer funds to:

ACCOUNT TITLE: NUST FLOOD RELIEF FUND

ACCOUNT: 22927917341201

IBAN: PK82 HABB0022927917341201

BANK: HABIB BANK LIMITED

BRANCH: NUST BRANCH, SECTOR H-12, ISLAMABAD

DONATION CAMP LOCATION
GATES 1 & 2 AND CONCORDIA 1
NUST ISLAMABAD CAMPUS





V23e • BY JAHANGIR BUGHIO...

-Sep-2022, 14:45

- Adopt A Village
- Flood & Earthquake Relief Campaigns
- Tree Plantation
- Blood Donation Camps
- Free Tutoring In Orphanages
- Eye & Health Camps
- Breast Cancer Awareness
- Ration Drives
- Vocational Training Of Women
- Funding For Primary Education
- Libraries & Computer Labs In Orphanages And Schools
- Hygiene Awareness In Schools And Underprivileged Communities





A FEW MORE POINTS...

1st Prohibition

NO PUBLIC DISPLAY OF AFFECTION (PDA)

Indecent behaviour with opposite or same sex will lead to strict disciplinary action



2nd Prohibition



NO DRUG ABUSE

Use, possession or distribution of drugs on campus will lead to strict legal and disciplinary action

3rd Prohibition

NO CHEATING

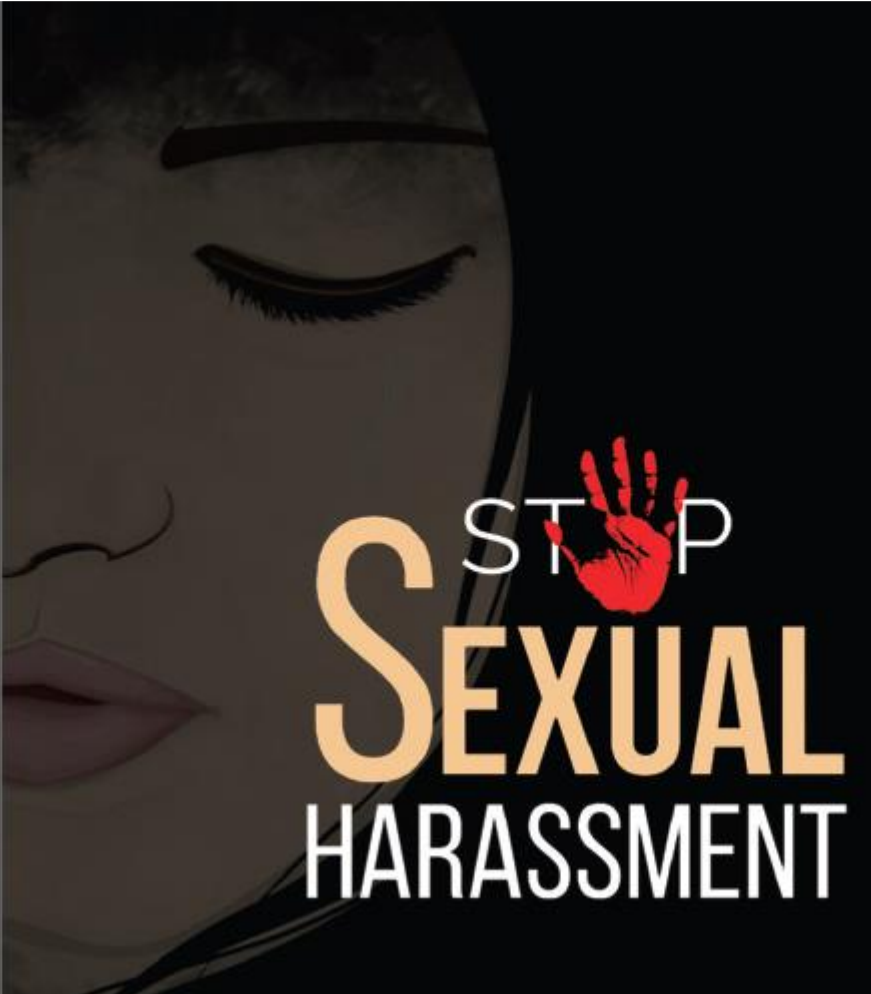
NUST has zero tolerance policy towards cheating. If caught it will lead to failure, suspension, fine or expulsion



4th Prohibition

SEXUAL HARASSMENT: A PUNISHABLE OFFENCE

Sexual harassment is a serious offence. Anyone facing such harassment may lodge a formal complaint with the sexual harassment cell at NUST C³A. Matter will be thoroughly investigated and strict action will be taken against the perpetrator(s)



STOP
SEXUAL
HARASSMENT

Prohibited Conduct

1 ACADEMIC DISHONESTY

Includes cheating, plagiarism, copying others' work, or misrepresenting academic work as your own.



2 ABUSE, ASSAULT, THREATENING BEHAVIOUR

Includes physical, verbal, or psychological abuse, assault, or any threatening behaviour.



3 FIREARMS, EXPLOSIVES, AND OTHER WEAPONS.

Possession, use, or threat of use of firearms, explosives, or any other weapons on University premises.



4 VIOLATION OF DISCIPLINARY SANCTION

Failing to comply with any disciplinary sanction or University-imposed restriction.



5 FURNISHING FALSE INFORMATION, FORGERY, OR UNAUTHORIZED USE OF DOCUMENTS

Providing false information, forgery, or using/altering University documents without authorization.



6 THEFT

Taking or attempting to take someone else's property without permission.



7 DAMAGE TO PROPERTY OR ITS DESTRUCTION.

Intentionally damaging, vandalizing, or destroying University property or the property of others.



8 POLITICAL/SECTARIAN ACTIVITIES

Engaging in political or sectarian activities that disrupt academic or University activities.



9 HARASSMENT

Any unwelcome behaviour (verbal, physical, or otherwise) that creates an intimidating, hostile, or offensive environment.



Anti-Drug & Tobacco

DRUG & TOBACCO ABUSE



ZERO TOLERANCE

NUST has zero tolerance for drug use and is strictly dealt through **NUST Disciplinary Committee** and **HEC guidelines**.



Students must go through **NUST Policy on Drug & Tobacco Abuse** and an undertaking is also required to be signed by all new students and Father/Mother/Guardian.



Protect Our Campus.

What is Dengue?

Dengue is a severe viral infection transmitted by the bite of an infected **Aedes mosquito**. It poses a serious health risk that can disrupt your studies and campus life.

As new undergraduates, taking proactive steps to protect yourself and your dormmates is essential for a healthy, uninterrupted, and successful semester.



DENGUE FEVER

A Growing Global Threat



1.6M+
Cases reported
worldwide
Jan – Jun 2026



700+
Deaths reported globally
Jan – Jun 2026



89
Countries with active
transmission
First half of 2026



~4B
People at risk worldwide
*Roughly half the global
population*

WHERE IT'S HITTING HARDEST

- **Americas:** 81% of all global cases — over 1.3M reported
- **Brazil:** Leading single country with 1M+ cases in 2026
- **South-East Asia:** Sharp surges in Sri Lanka, Vietnam & the Philippines
- **Cook Islands, Guyana, Brazil:** Highest per-capita incidence rates worldwide

Global reported dengue cases climbed from **1.2 million in 2014 to over 14 million in 2024** — a roughly 12-fold increase in a single decade, driven by urbanization, climate change and expanding mosquito habitats.

The WHO estimates up to 400 million dengue infections occur worldwide every year.

KNOW THE SIGNS. BREAK THE CYCLE.

Recognize dengue symptoms early and stop mosquito breeding before it starts



COMMON SYMPTOMS



High Fever

Sudden onset, often 104°F (40°C) or higher



Severe Headache

Pain behind the eyes is a hallmark sign



Joint & Muscle Pain

Often intense enough to be called "breakbone fever"



Nausea & Rash

Vomiting, fatigue, and a skin rash 2–5 days in



Seek care immediately for: severe abdominal pain, persistent vomiting, bleeding gums, or difficulty breathing.

4 WAYS TO PREVENT DENGUE



Empty Standing Water

Drain pots, buckets, tires & gutters weekly — mosquitoes breed in stagnant water



Use Repellent

Apply DEET or picaridin-based repellent on exposed skin, especially at dawn & dusk



Screen & Seal Your Home

Install window screens and repair gaps where mosquitoes can enter



Sleep Under Nets

Use treated bed nets, especially for infants, the elderly, and the sick

Practical Tips for Success



WHOLE-PERSON PARADIGM

Leadership and Grooming

- ✓ Sports Facilities
- ✓ Recreational Clubs
- ✓ Health Services
- ✓ Active Lifestyle Campaigns

**Physical
Fitness**



**Emotional
Stability**



- ✓ Counselling and Psychological Services
- ✓ Peer Mentoring Networks
- ✓ Diversity and Inclusion initiatives
- ✓ Social Activities and Hobby Clubs

3000+ Hours of free therapy annually

100,000+ hrs per year of Community Service

- ✓ Community Services
- ✓ Ethics & Value Based Education
- ✓ Spiritual Spaces
- ✓ Leadership Development
- ✓ Life Coaching
- ✓ Mindfulness Workshops

**Spiritual
Balance**



**Intellectual
Growth**



- ✓ Academic Support Services
- ✓ Research Opportunities
- ✓ Internships
- ✓ Library & Information Resources
- ✓ Lincoln Corner
- ✓ FICS

Winner MacJannet Prize for Disaster Response Project

1st Manage Your Time

- Prioritize
- Don't get distracted!

Collaborate

- Seek help from peers
- Professionals work together

nd

3rd

Never
Give up!

I **never** lose.
I either **win** or **learn**.

- Nelson Mandela

Goalcast





Marks are
important but
your main focus
should be on
learning

th

Your future success will also depend on:

- Your understanding of the material
- If you can get the job done
- How well you work with others
- Your communication skills
- Your adaptability

5th

Self Care Matters

Stay Healthy – Eat
healthy, sleep well
and exercise



Humility is the key to
success - Respect
Everyone - Teachers,
Workers, Staff, and
Peers

Key Points/Resources for Awareness

**75% Attendance
Mandatory**

**Academic Grades
visible online**

**Student
Handbooks**



**NUST WhatsApp
Channel**



ECHOING
GREEN

*Aspiring to provide one of the best university life experience
in the country*



THANK YOU

DISCUSSION SESSION



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



NUST