



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY (NUST), PAKISTAN

Islamabad | Rawalpindi | Karachi | Risalpur | Quetta

NUST

AN EXPERIENTIAL LEARNING SPREAD

PUBLIC SECTOR UNIVERSITY Estb 1991



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



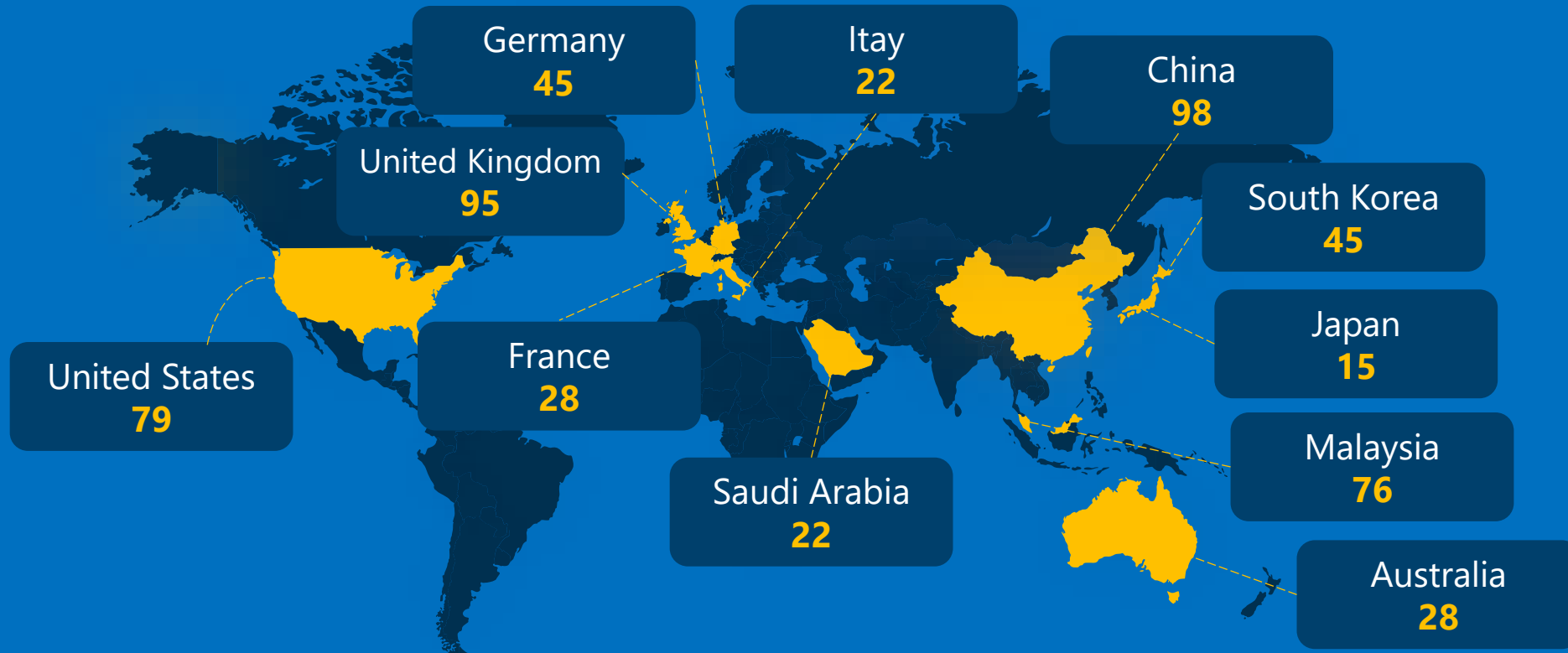
60%

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

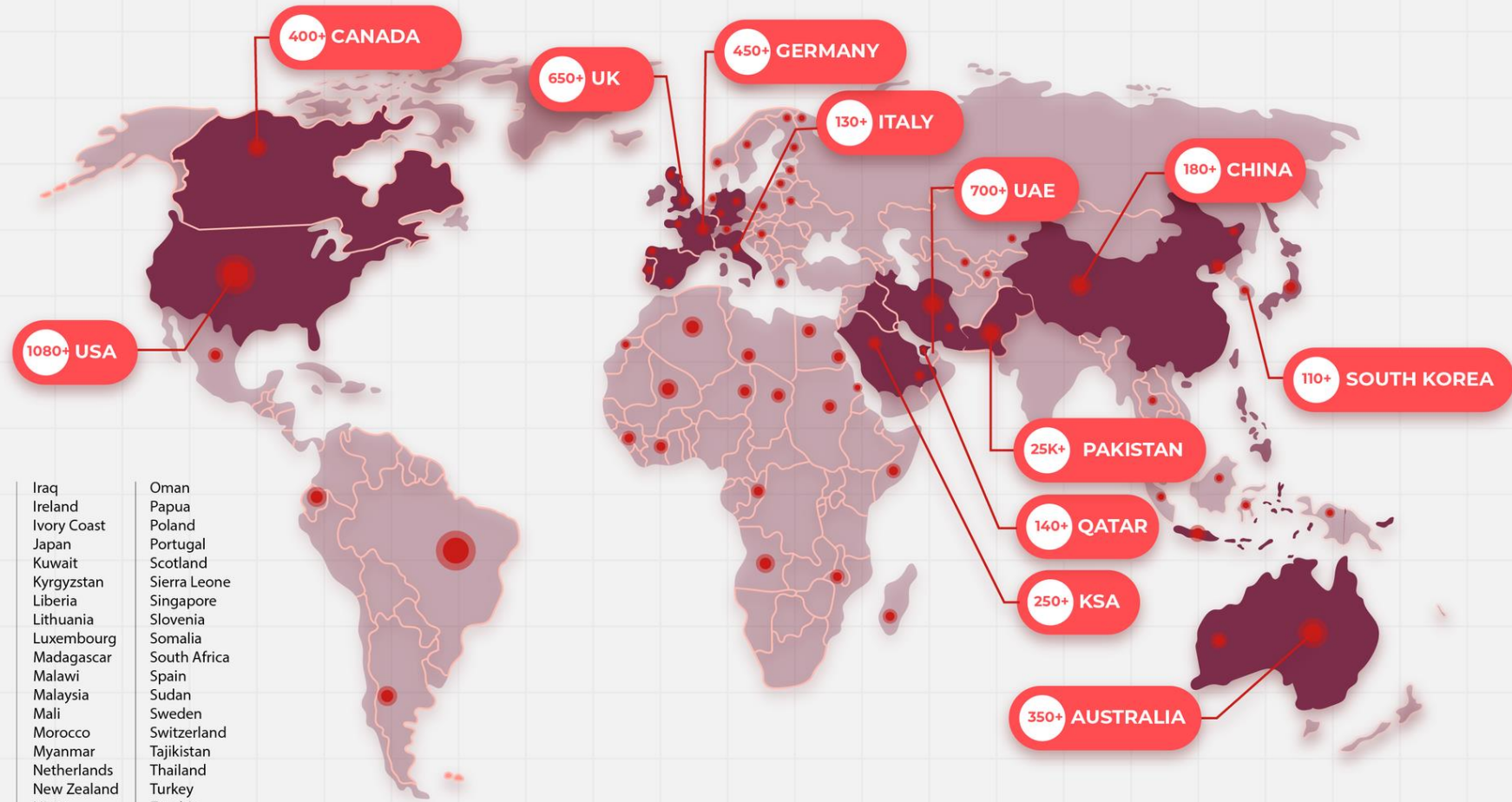
2000+



NUST ALUMNI NETWORK

MAKING A MARK IN 70 COUNTRIES AND COUNTING...

An increase in the global footprint of NUST Alumni



- | | | |
|----------------|-------------|--------------|
| Afghanistan | Iraq | Oman |
| Angola | Ireland | Papua |
| Austria | Ivory Coast | Poland |
| Bahrain | Japan | Portugal |
| Bangladesh | Kuwait | Scotland |
| Belgium | Kyrgyzstan | Sierra Leone |
| Cameroon | Liberia | Singapore |
| Cyprus | Lithuania | Slovenia |
| Czech Republic | Luxembourg | Somalia |
| Denmark | Madagascar | South Africa |
| Egypt | Malawi | Spain |
| Estonia | Malaysia | Sudan |
| Finland | Mali | Sweden |
| France | Morocco | Switzerland |
| Gambia | Myanmar | Tajikistan |
| Greece | Netherlands | Thailand |
| Hong Kong | New Zealand | Turkey |
| Hungary | Niger | Zambia |
| Indonesia | Nigeria | |
| Iran | Norway | |

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



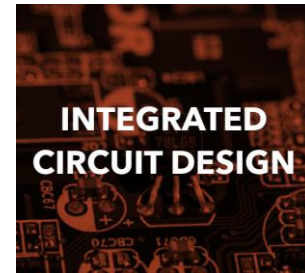
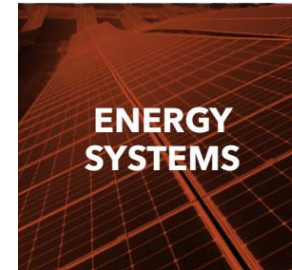
EKKO
A **vibrational-wave technology** for treating neurodegenerative disorders such as cerebral palsy and autism

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**

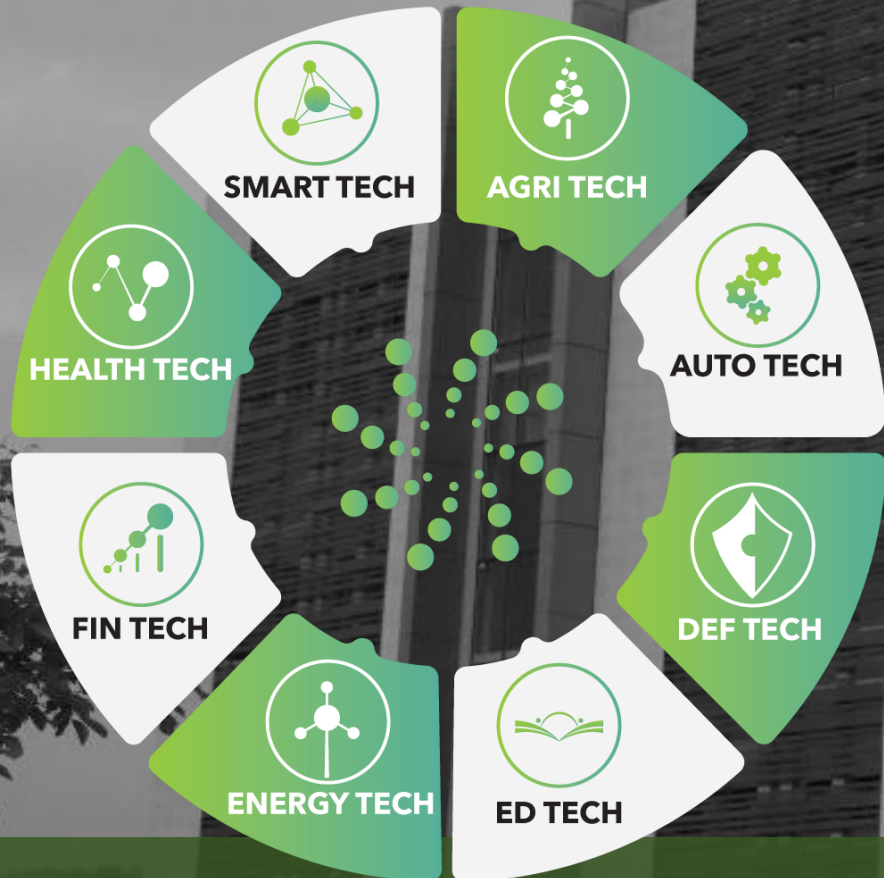


**Tufail Group
Pakistan**

NATIONAL SCIENCE & TECHNOLOGY PARK

Vision to Reality

Pakistan's Premium Science and Technology Park

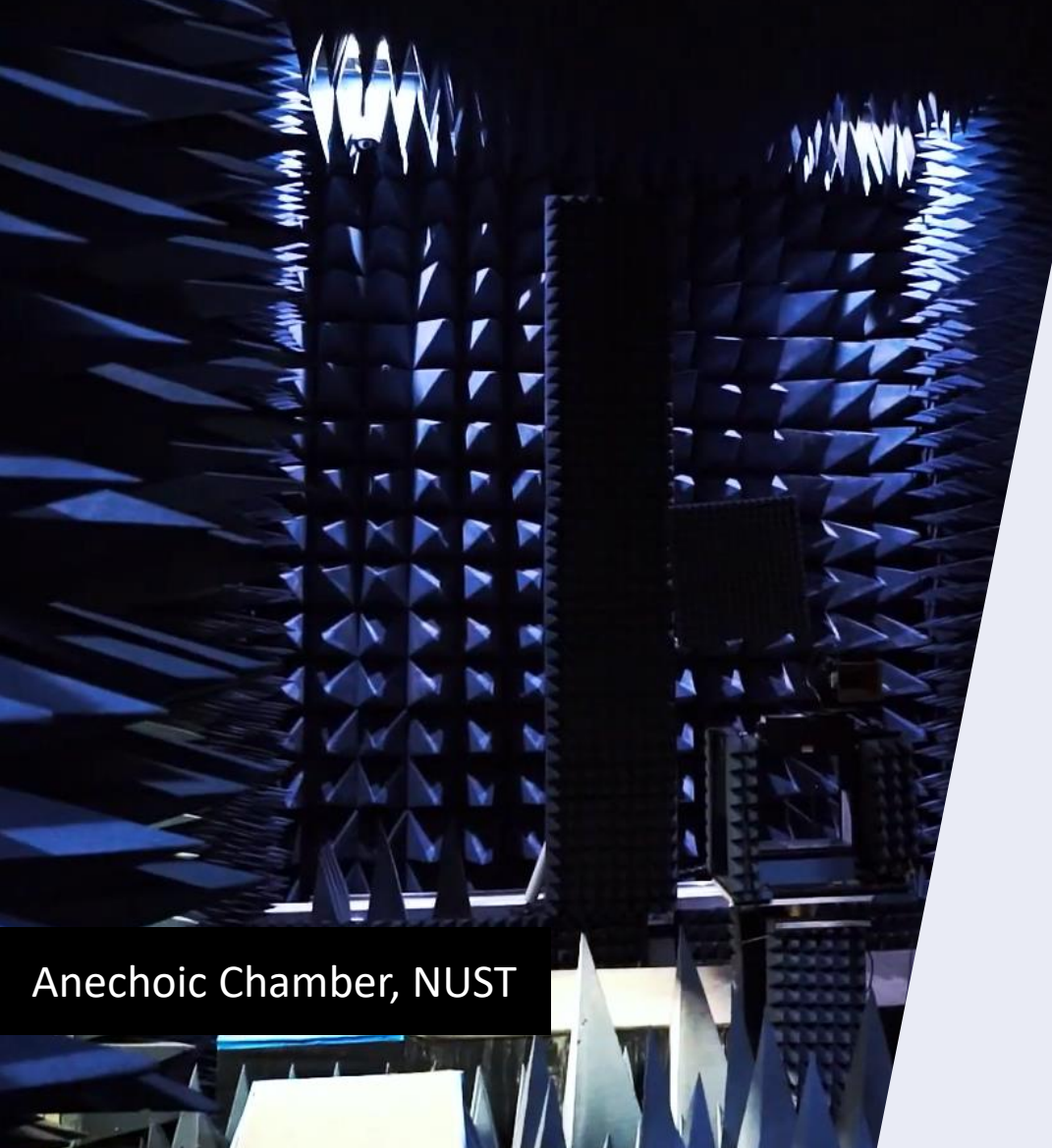


- ❖ **117** Companies present
 - ❖ **57** Anchor tenants and SMEs
 - ❖ **60** Startups
- Companies from **16 Countries**

- **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 **Veeve**



\$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

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

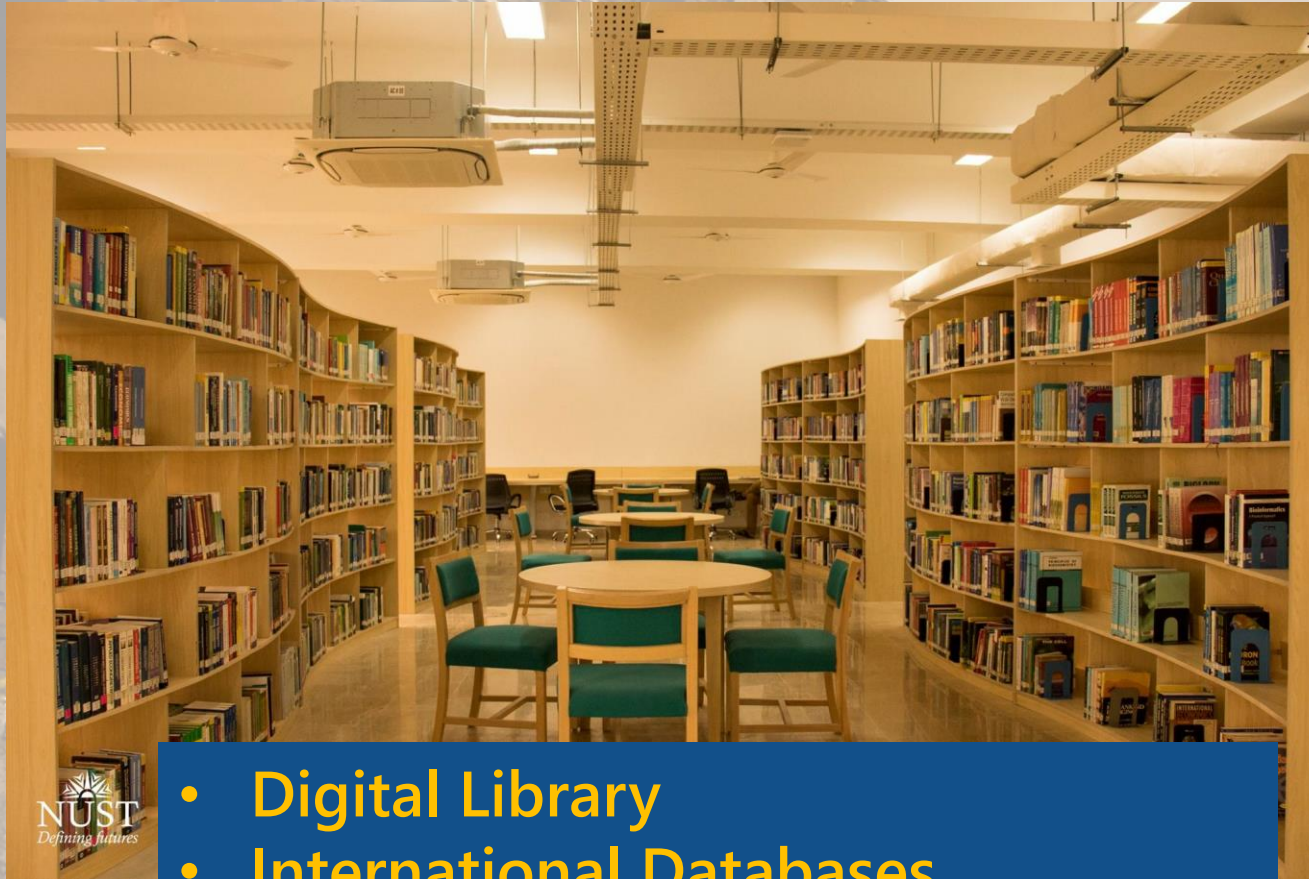
**SEVERAL NATIONAL AND INTERNATIONAL
QUALITY ASSURANCE AWARDS**



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



Bowling Alley



Basketball Court



Male & Female Gym



CAMPUS LIFE

40 Student Clubs & Societies



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

NUST Learning-Focused Academic Life-Cycle

Admissions

Programs

Life-long Learning
Opportunities

Connected
Alumni

Student Support
Services

Graduation /
Outcomes

Research



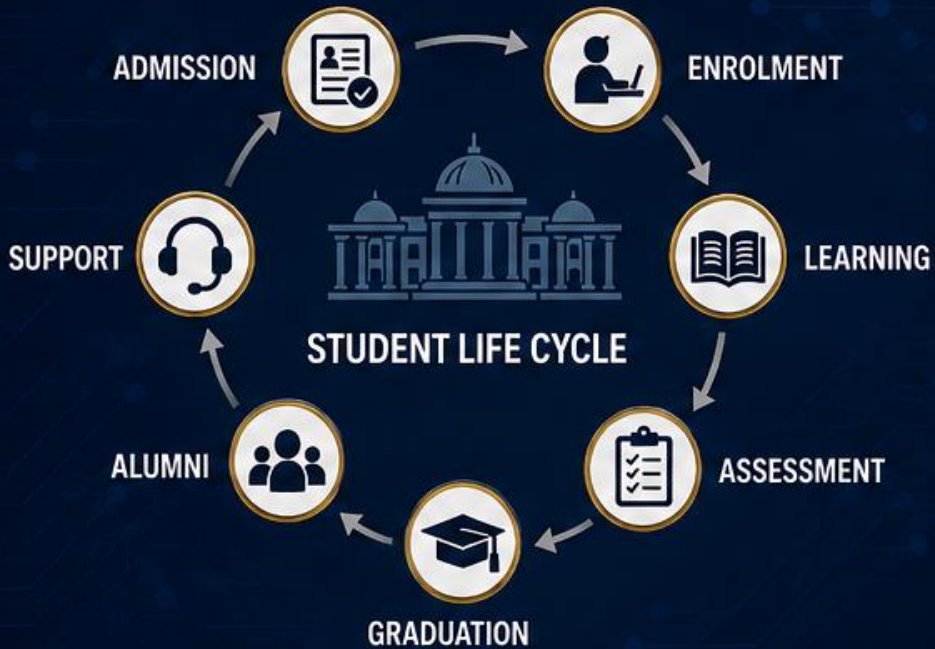
QALAM

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

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

WHAT CAN YOU DONATE?

- Shawls
- First Aid Kits
- Bedding
- Tents
- Clothing

Donations in cash, transfer funds to:

ACCOUNT TITLE: NUST FLOOD RELIEF FUND

ACCOUNT: 22927917341201

BAN: 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



5 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





Parents & Families

**Your Life:
12-14 yrs AGO**



You TODAY @ NUST



NUST Success Tied with YOU – The Involved Parents

Students' Perception of Success at NUST

Grades

**Satisfaction with
NUST**

**Increases with Time &
Work-Experience**

**Practical
Competence**

**Personal & Social
Development**

**Gains in
General Education**

**Students with
'Involved Parents'
report
'higher success'**

Who are 'Involved Parents'?

Autonomy Development

- Redefine your relationship
- Relinquish unnecessary control
- Allowance for mistakes
- Appreciate responsibility
- Support their decisions



I RESPECT YOUR AUTONOMY, SWEETIE.
I JUST KNOW I CAN MAKE IT BETTER.

Concern

Encourage

Care

Love

Engage

Communicate

Key Points/Resources for Awareness of Parents

**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

