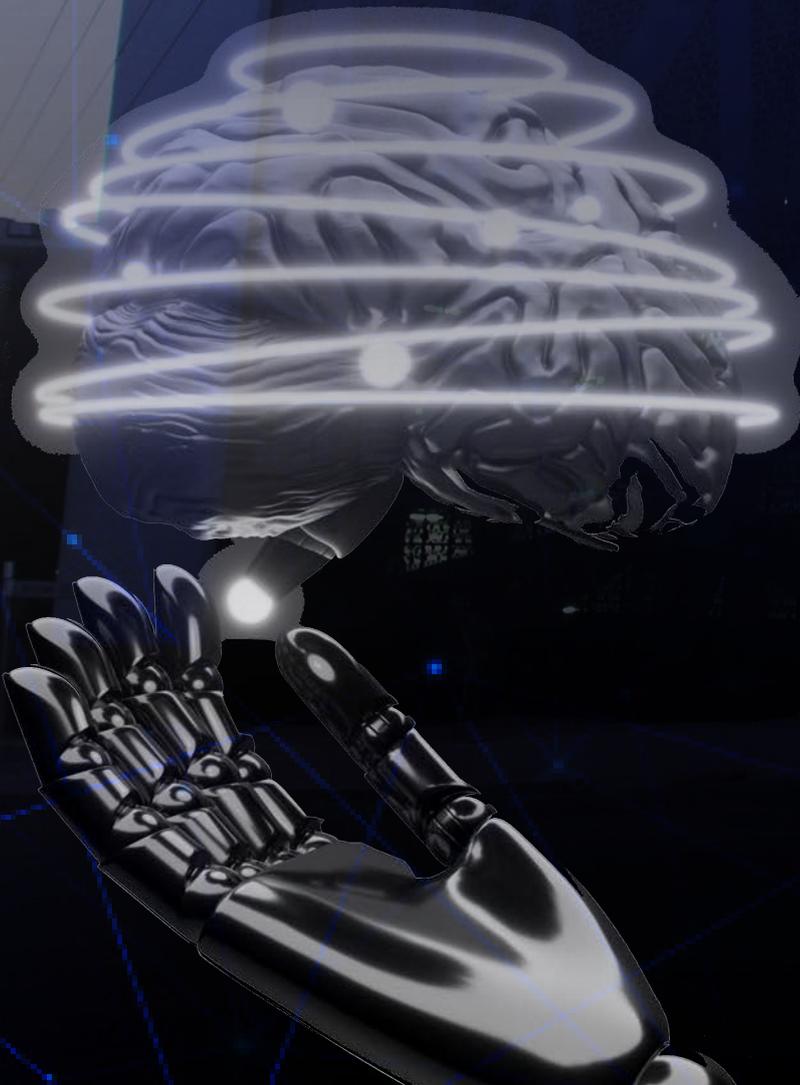




ΠΑΜΙΒΙΑ UNIVERSITY
OF SCIENCE AND TECHNOLOGY

2024

NUST Profile



The University's Academic Crest Explained



The parts of the crest either represent national symbols or elements of a unique Namibian landscape and culture. The colours have been selected to represent the national spectrum, as influenced by the heritage from the Namibian flag:

The Colours

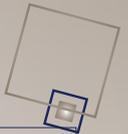
Red: represents Namibia's most important resource, its people. It refers to their heroism and their determination to build a future of equal opportunity for all.

Blue: represents the clear Namibian sky, as well as the Atlantic Ocean, the country's precious water resources and rain.

Gold: represents life and energy (the sun).

Parts of the Crest

- 1. The Atom** is one of the most basic recognisable symbols of science. Positioned under the sun it symbolises science and technology as the foundations of illumination at the University.
- 2. The Arch** is the threshold of knowledge. It is the gateway to the future and encourages a thirst for knowledge and discovery. Namibia becomes the threshold for new development - entering a new era.
- 3. The Ribbon** is derived from the diverse traditional cultures of Namibian dress, amongst the Damara, Herero, Himba and Owambo groups; it is an extension of the red band representing people. It is a symbol of achievement and prestige, and recognises traditional cultures of pageantry. The ribbon epitomises the flexibility and adaptiveness NUST exemplifies, and how it enables its students to achieve higher knowledge.
- 4. The Sun** represents the outcome of scientific and technological innovation and enlightenment. Education is a form of discovery, energy and life that this symbol should highlight through its embodiment of the sun.
- 5. The Shield** is the symbol of learning institutions (traditional) - signalling tradition, strength and readiness.
- 6. The Red Band** represents the people and also blood, which gives life. People are the lifeblood of the University and country. It refers to their heroism and their determination to build a future of equal opportunity for all. The position of the red band represents 'crossing over the threshold'.



Minister of Higher Education, Technology and Innovation

Hon Dr Itah Kandjii-Murangi

“

The Namibian Government understands the value of higher education, as such, has time and time again, demonstrated its commitment to educating the Namibian child by availing requisite resources amid a grim global economic outlook.

As the Ministry responsible for Higher Education, Technology and Innovation, it is reassuring to continue to see the dedication and discipline exerted by our national higher learning institutions, which leverage education, time and commitment to implement worthy projects that go beyond the confines of the classroom.

This brief report highlights key facts and major projects at NUST

”

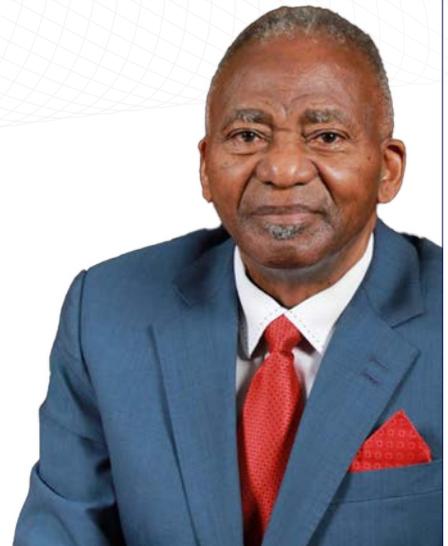
NUST Chancellor Hon Prof. Peter Katjavivi

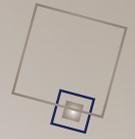
“

Emerging as a sparsely populated free African country in 1990, Namibia's destiny was secured when her leaders understood early on that the country will need a diverse human resource, capable of tackling current and future challenges of a free and independent nation.

In this concise publication, NUST impresses its wide profile and key academic preoccupations that live up to the expectations of a proudly Namibian higher education institution.

”





Vice-Chancellor's Foreword



Prof Eroid Naomab

Driven by an ambitious vision to be a premier technological university known for knowledge creation, innovation, and entrepreneurship, the Namibia University of Science and Technology (NUST) remains committed to growing the science, technology, engineering and mathematics (STEM) fields and contributing towards the green, blue and bio economy.

The NUST Profile highlights the present and future of the university, and is arranged to cover the institution's strategic areas.

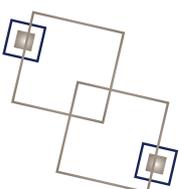
This profile further highlights the university's key contributions towards national development through academic work as well as the institution's commitment to good corporate governance, and displays the dynamic institution of higher education that we are.

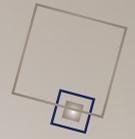
It provides insights on significant work towards national imperatives, reaffirming NUST's position as a leading international university of science and technology.

Namibia's respected standing with members of the international community remains a source of strength that complements government efforts to support the growth of higher education in the country. International partners, such as the European Union (EU) and others, have forged an unbreakable bond with NUST, which has paved the way for high-impact developmental projects for Namibia and the region.

In conclusion, across the surface of all its commitments, NUST remains driven to participate in international collaborations that are geared towards solving regional and global challenges, without abdicating its responsibility to make a difference in the lives of Namibian communities.

Prof Eroid Naomab





Welcome to NUST

At NUST, we strive to set the standard as a premier technological university known for knowledge creation, innovation and entrepreneurship.

Our vision is realised through our commitment to:

Contributing to knowledge creation and advancing knowledge through teaching, research and scientific investigation, with an emphasis on applied research;

Support and contribute to economic and social development through globally relevant, professional, technological and career-focused higher education and effective community engagement, with an emphasis on industry involvement;

Drive, promote and facilitate technology development and technology transfer, and innovation and diffusion;

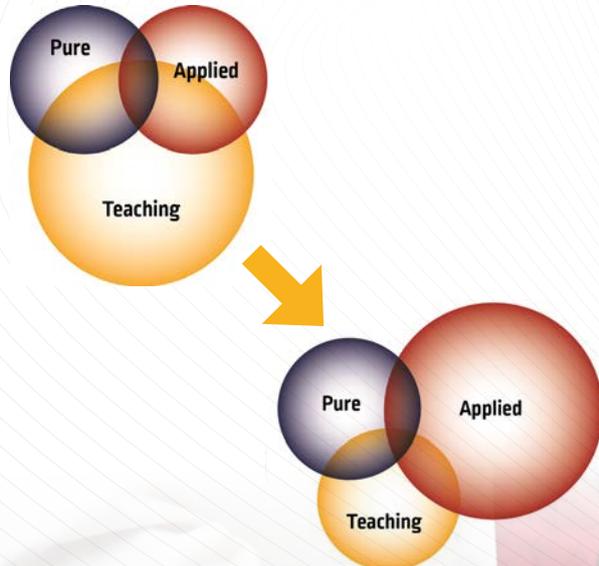
Engage in national and international partnerships and cooperation with other universities, organisations and institutions; and

Preserve and promote the national and constitutional principles of institutional autonomy and academic freedom in the conduct of its internal and external affairs subject to the Higher Education Act and other laws.

Our priorities are focused on four key pillars

- Build a Vibrant and Engaging Learning Environment
- Lead Research, Innovation, Partnership and Entrepreneurship
- Secure Institutional Efficiency and Sustainable
- Drive Human-Centric Digital Transformation for Industry 4.0 and beyond.

Strategic Direction



Applied Research:

Ensuring that we deliver practical solutions for all sectors of the Namibian Community.

National Development Priorities:

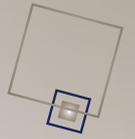
Ensuring that our use of resources aligns with Namibia's strategic goals.

Unique Southern African Context:

Leveraging the distinctive geographical and cultural opportunities Namibia and Southern Africa afford us, in doing so gaining NUST international recognition.





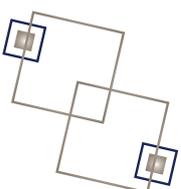
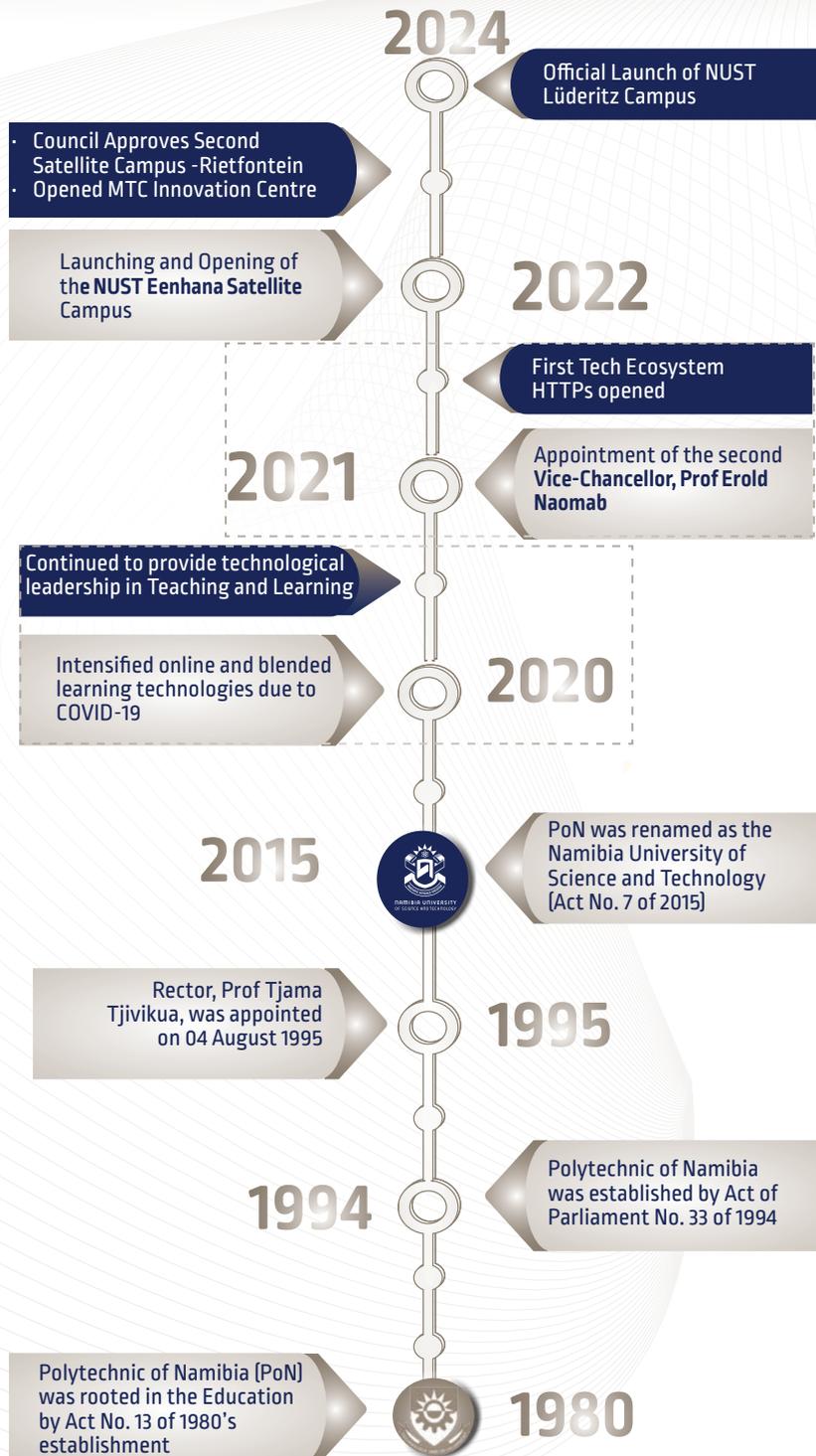


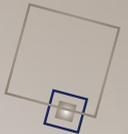
History of NUST

Then and now

Headquartered in the heart of Namibia's bustling capital city Windhoek, NUST is a publicly funded, vibrant, innovative institution of higher learning, which unremittingly and tenaciously extends the scope of technological boundaries of the world.

Formerly known as the Polytechnic of Namibia, NUST was renamed in 2015.





Accolades Bestowed Upon Us

recognising our commitment to excellence and innovation:

- **2019 Diamond Arrow Award for Best Higher Education Institution in Namibia:** This prestigious award underscores our dedication to providing exceptional higher education and shaping future leaders.
- **2017 PMR Diamond Award for Most Innovative Institution in Namibia:** Innovation is at the core of our ethos, and this award recognises our pioneering efforts in driving positive change through creativity and ingenuity.
- **2019 Diamond Arrow Award for Best Institution Offering Executive Education in Namibia:** Our commitment to providing top-notch executive education is honoured with this esteemed award, reflecting our dedication to professional development and leadership excellence.



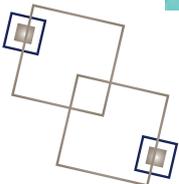
- **Organisational Growth in Research Management at the SARIMA 2022 Awards:** We are thrilled to receive recognition for our strides in research management from the Southern African Research and Innovation Management Association. This award highlights our commitment to advancing knowledge and making meaningful contributions to research and innovation.

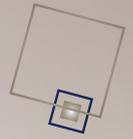


- **2024 Best University - Best of 061 Express Followers' Choice Awards (Synergi Namibia/Namibia Media Holdings), as voted by the public.**



- **2024 Best Higher Education Centre - Best of Namibia Awards (Future Media), as voted by the public**





5 Key Facts About NUST

- **Thriving Student Community:** As the second largest university in Namibia, we proudly educate a vibrant student population of 17 546 [2024]. *What sets us apart?* Two-thirds of our graduates seamlessly transition into employment within their respective fields, surpassing the success rates of graduates from other institutions in Namibia.
- **Accreditation Excellence:** Our architecture programme received reaffirmed accreditation from prestigious bodies including the Namibia Council of Architects and Quantity Surveyors (NCAQS), the South African Council for the Architectural Profession (SACAP), and the Commonwealth Association of Architects (CAA).
- **Widening Access:** Committed to expanding access to higher education across Namibia, we've established three satellite campuses in remote and urban regions with limited educational resources. Our campuses in the Ohangwena, Otjozondjupa and //Karas regions are bridges to knowledge, ensuring no student is left behind.
- **Global Reach:** NUST boasts a robust international profile, fostering strategic partnerships across **Europe, the USA, and Asia**. Our enduring partnership with the **European Union** spans **two decades**, enriching our educational landscape with diverse perspectives and opportunities.
- **Joint Degree Collaboration:** We've proudly offered a Joint Degree Collaboration programme in Bachelor of Technology and Diploma of Marine Engineering in collaboration with Satakunta University of Applied Sciences in Pori, Finland. This accomplishment highlights our commitment to providing students with innovative opportunities for academic and professional growth through meaningful international partnerships.
- **International Networks:** We're not just a university; we're a member of prestigious international university networks, including the **Southern African Research and Innovation Management Association (SARIMA)**. These affiliations open doors to collaborative research, innovation, and academic excellence on a global scale.
- **Pioneering Innovation:** At NUST, innovation is at the core of everything we do. We proudly inaugurated Namibia's first national investment-ready technology ecosystem, the **High-Tech Transfer Plaza Select**. This cutting-edge platform fosters entrepreneurship, research, and technological advancement, driving Namibia's progress into the future. Join us in shaping

17 546

 [2024]



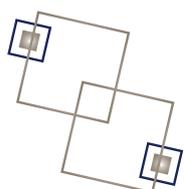
South African Council for the Architectural Profession
COMMONWEALTH ASSOCIATION OF ARCHITECTS

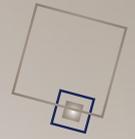


MARIBILIS PROJECT
 Improving Maritime Education in Namibia with a double degree in Marine Engineering



HTTPS
 HIGH-TECH TRANSFER PLAZA SELECT



World-Class Faculties

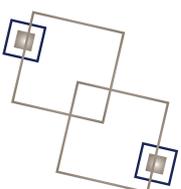
NUST offers students internationally-benchmarked faculties with an array of choices in various disciplines. The institution offers programmes that will transform

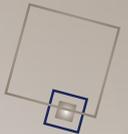
the technological landscape of Namibia to be a leading country in the science, technology and TVET sectors.



Faculties

With a commitment to comprehensive education, NUST is organised into four dynamic faculties, each dedicated to fostering expertise and innovation in their respective fields.





NUST in numbers

Years since establishment

NUST has been a beacon of education in Namibia since 1980, boasting a proud legacy spanning 44 years of academic excellence.



1980

Polytechnic of Namibia (PoN) was rooted in the Education by Act No. 13 of 1980's establishment

1994

Polytechnic established by Act No. 33 of 1994 of Parliament

1995

Polytechnic attains autonomy

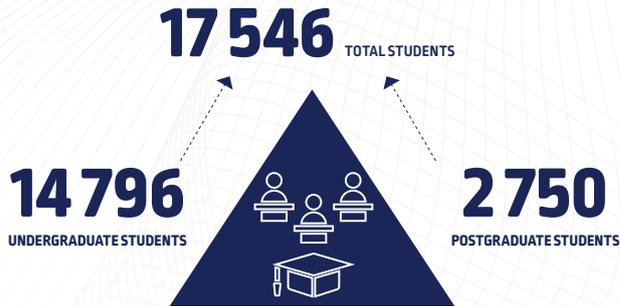


2015 - 2024

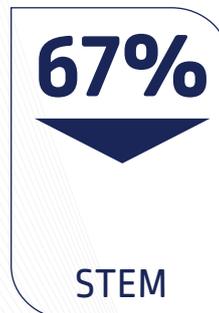
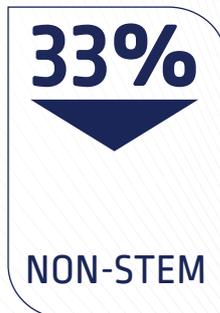
NUST established by Act No.7 of 2015 of Parliament

Student Population

Our vibrant campus is home to a diverse community of 17 546 students, comprising 14 796 undergraduates and 2 750 postgraduates.

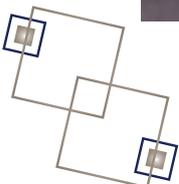


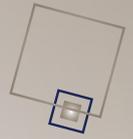
Current Programme Fields



Staff

Behind our success stands a team of 854 staff members committed to nurturing talent, driving research, and supporting our students on their academic journey.





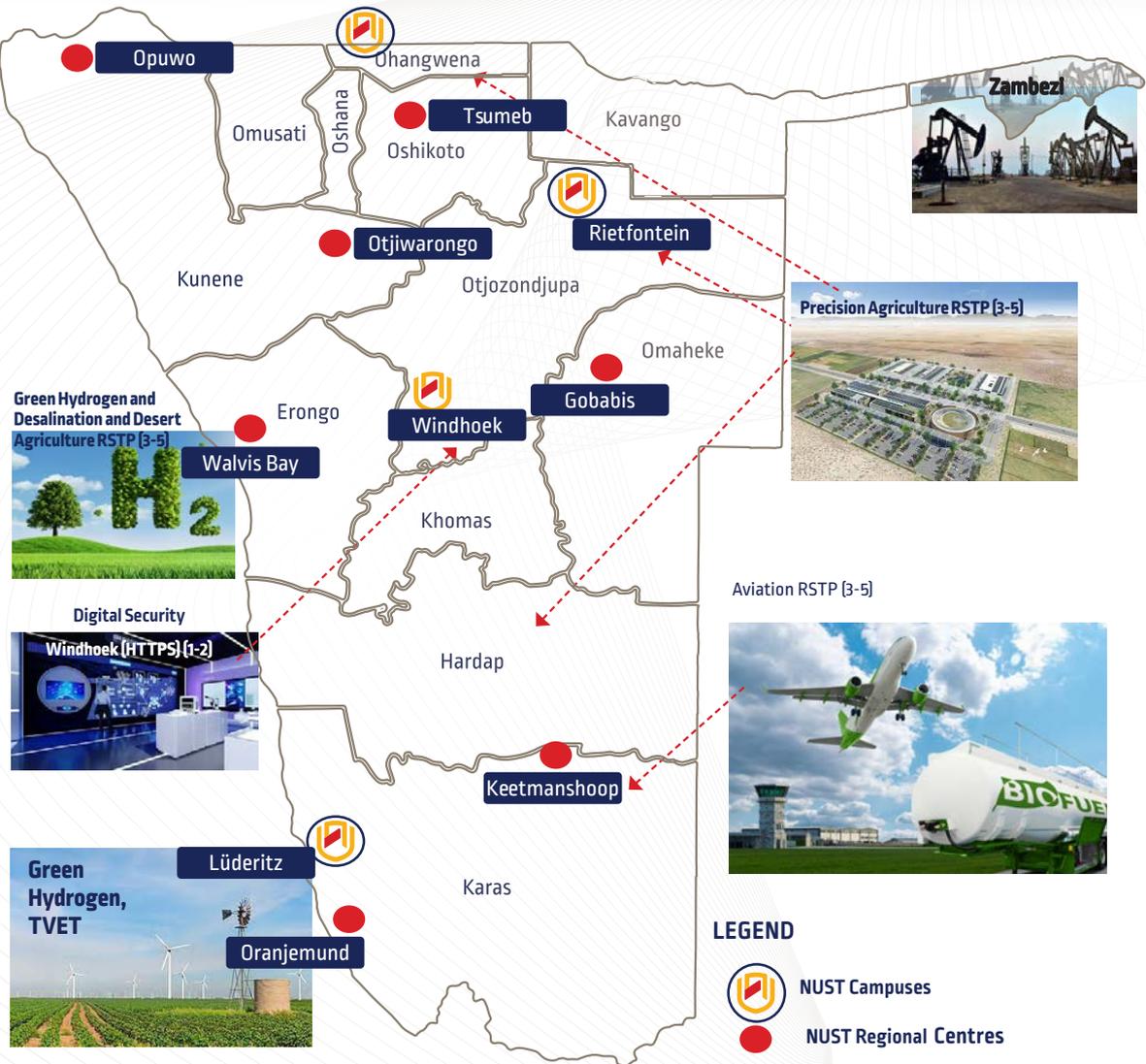
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Satellite Campuses

In our mission to extend the reach of education across Namibia, NUST has established three satellite campuses, strategically located to ensure accessibility and inclusivity in remote and urban regions alike.

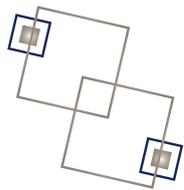
National Footprint

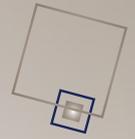
NUST's national footprint extends across Namibia, ensuring accessibility and inclusivity in education. With our main campus as the cornerstone in Windhoek, we've strategically established satellite campuses in three key regions:



These numbers paint a picture of a thriving institution dedicated to shaping the future through education, research, and innovation.

We intend to produce graduates in science, technology, engineering, applied health and natural resources whose qualifications are not only nationally - but also internationally - accredited and recognised.





Faculty Niche Areas



Faculty of Commerce, Human Sciences and Education

- Applied Linguistics and Human Capital Development
- Social Justice and Society
- Public, Private Partnership & Economic Development
- Service Quality
- Entrepreneurship and Innovation



Faculty of Computing and Informatics

- Health Informatics
- Enterprise Architectures
- Cybersecurity / Forensics
- Indigenous Knowledge Systems
- ICT4D
- Information Systems



Faculty of Health, Natural Resources and Applied Sciences

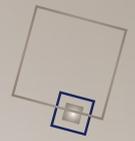
- Indigenous Plants
- Environmental Monitoring and Remediation
- Land, Agriculture and Water
- Ecosystems and Biodiversity
- Wildlife and Tourism



Faculty of Engineering and the Built Environment

- Renewable Energy
- Manufacturing Systems
- Water Resource Management
- Development of Appropriate Spatial Tools
- Mining Sustainability and Environmental Impact





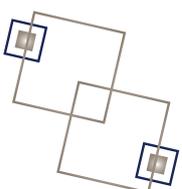
Towards Vision 2030

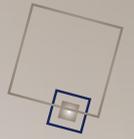
NUST - through its qualification mix approach - aims to propel the country to achieve various milestones.



Priority areas for development:

- Artificial Intelligence and Machine Learning
- Advanced Web Technologies
- Big Data Analytics using High Performance Computing
- eHealth
- Business intelligence
- Mining engineering
- Social entrepreneurship
- Precision agriculture
- Sustainable renewable energy systems
- Infrastructure and Facilities Management
- Integrated Water Resources Management
- Technical Vocation Education and Training (TVET)
- Governance, Public Policy, and Accountability
- Medical Laboratory Sciences





Our Faculties

NUST offers programmes in four (4) dynamic faculties, each containing a myriad of disciplines. Scan to view the complete brochures online.

Scan to view faculty offerings



Faculty of Computing and Informatics



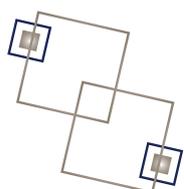
Faculty of Commerce, Human Sciences and Education

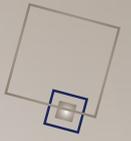


Faculty of Engineering and the Built Environment

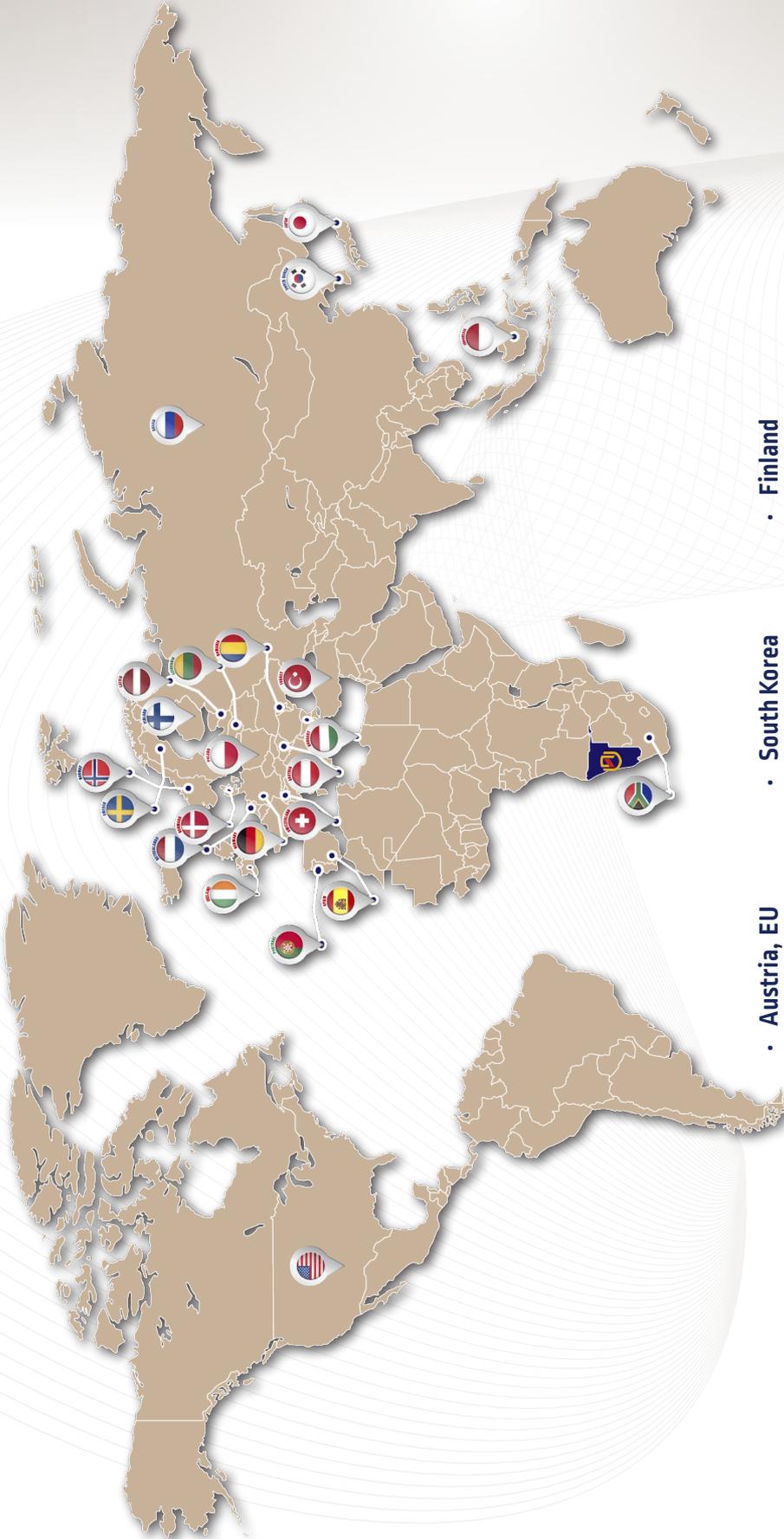


Faculty of Health, Natural Resources and Applied Sciences





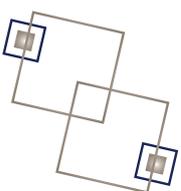
International Partners



- Finland
- Hungary
- Romania
- Spain
- Türkiye
- Lithuania
- Latvia
- Portugal

- South Korea
- Spain
- Switzerland
- Sweden
- Norway
- USA
- Indonesia
- Russia
- Poland
- Denmark

- Austria, EU
- Botswana
- Ethiopia
- Finland
- Germany
- Ghana
- Ireland
- Japan
- Netherlands
- South Africa





Research Excellence

Pivotal to the university's strategic research and innovation strategy is building capacity under research themes (or clusters) based upon a demonstrated track record, excellence and discipline expertise, including international standing

and collaborations. The research themes create opportunities for interdisciplinary research activity on global, societal and local needs. The strategically defined themes include water-energy-food nexus; health and climate change;

natural resources and value chain stewardship; green transport and logistics; digital humanities; indigenous knowledge systems and sustainability.

Water-Energy-Food Nexus



- Sustainable energies and entrepreneurship in the Global South solar power plant on Farm !Kharoxas
- SASSCAL Graduate Studies Programme in Integrated Water Resources Management

One Health



- Project HOPE Namibia through implementing the Determined, Resilient, Empowered, AIDS-Free, Mentored and Safe (DREAMS) project

Climate Change



- Adaptation of Agriculture to Climate Change in Northern Namibia
- Fostering Research and Intra-Africa Knowledge Transfer through Mobility and Education (FRAME)

Indigenous Knowledge Systems and Sustainability



- Protecting, Preserving, and Promoting Indigenous Knowledge Cultures and Languages (P3ICL)
- Participatory Tools for Human Development with the Youth (PARTY)
- Co-designed technologies in rural Namibia for the purpose of Indigenous Knowledge (IK)- Ovaherero, ovaHimba Communities,

Natural Resources and Value Chain Stewardship



- Biomass Utilisation by Sustainable Harvest" (BUSH)
- Revenue Diversification Pathways in Africa through Bio-Based and Circular Agricultural Innovations (DIVAGRI)

Green Transport and Logistics



- Building EU-Africa partnerships on sustainable raw materials value chain (AfricaMaVal)
- Improving the Maritime Education in Namibia



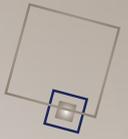
Digital Humanities



- Bridging the Kunene Co-designing Conservation Technologies for Iona - Skeleton Coast Transfrontier Conservation Area (Angola - Namibia)
- Futuristic Education Through People's Primary School

View details on projects

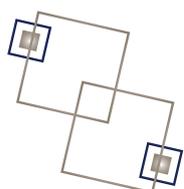




High-Tech Transfer Plaza Select (HTTPS)

The one-of-a-kind HTTPS is NUST'S response to facilitate a functional technology-inspired ecosystem for the university industries, development partners and entrepreneurs. The aim is to improve the competitiveness through trans - disciplinary research co-creation, co-development, application and transfer of specialised knowledge and technology complemented with signature programmes.

The HTTPS is a partnership with Namibia's Mobile Telecommunications Company (MTC) and other strategic partners, with a focused goal to pioneer physical and virtual spaces that accelerate innovation for local relevance, regional impact and global recognition.





NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

NUST Profile 2024

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