



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

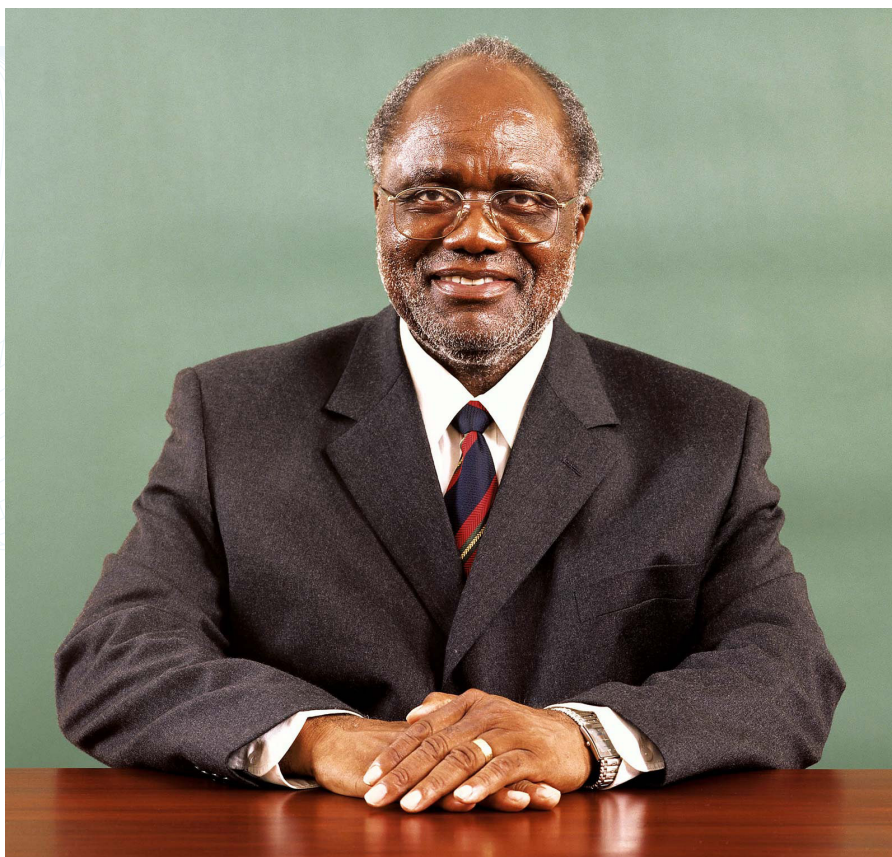
Funding Prospectus for the Namibia University of Science and Technology (NUST) Eenhana Campus Project

Establishment of the NUST Satellite Campus in Eenhana



2021





"I call upon Namibians from all walks of life to come together and sow seeds that will contribute to the growth and development of our rural communities. By pledging towards this worthy cause, your investments will not uplift the Ohangwena Region, but the Namibian nation as a whole. The success of this project will pave the way for similar establishments across our vast country as we continue to intensify the war against poverty"

**H.E Dr Hifikepunye Pohamba, Former President of the
Republic of Namibia and
Patron of the NUST Eenhana Campus Project**



List of Abbreviations and Acronyms

C-DAC	Centre for Development of Advanced Computing
CED	Centre for Enterprise Development
CEU	Centre for Cooperative Education
EU	European Union
HPP	Harambee Prosperity Plan
ICT	Information and Communications Technology
INCEIT	India-Namibia Centre of Excellence in Information Technology
MEAL	Master in English and Applied Linguistics
MJMT	Master of Journalism and Media Technology
MoA	Memorandum of Agreement
RDC	Rural Development Centre
NBII	Namibia Business Innovation Institute
NDP 5	National Development Plan 5
NEET	Not in Education, or Not in Employment or Not in Training
NEI	Namibia Energy Institute
NUST	Namibia University of Science and Technology
SADC	Southern African Development Community
SDG	Sustainable Development Goals
TVET	Technical and Vocational Education and Training
USAID	U.S Agency for International Development
UNESCO	United Nations Educational, Scientific and Cultural Organization
WIL	Work Integrated Learning (WIL)

Acknowledgements

The NUST Eenhana Campus Project was driven by the Institutional Planning Office and overseen by the NUST Eenhana Campus Project Steering Committee consisting of the Vice-Chancellor, NUST Extended Management and NUST Ohangwena Advisory Group.

Our gratitude goes to the working teams from the NUST community who worked tirelessly with the Institutional Planning Office to complete the proposal and funding prospectus.

Our heartfelt thanks also goes to the NUST Management, *His Excellency former President of Namibia*, Dr Hifikepunye Pohamba, *Patron of the Project*, Hon Dr Itah Kandjii-Murangi, *Minister of Higher Education, Technology and Innovation*, Hon Walde Ndevashiya, *Governor of the Ohangwena Region*, the Ohangwena Regional Council and Eenhana Town Council for their unwavering support to this project.



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Foreword

Despite the fact that the Ohangwena Region is one of the most densely populated regions in Namibia, there is limited access to higher learning in this part of the country. It is chiefly for this reason that the Namibia University of Science and Technology (NUST) has embarked on a regional expansion drive, starting with the town of Eenhana.

This of course cannot be achieved single-handedly, and for this reason, the University is calling upon our valued stakeholders in the public and private sectors, local and international, to come on board and make contributions towards ensuring that this project reaches fruition. This Funding Proposal outlines details of the project such as the rationale behind establishing a campus in this area, the road map and how sponsors can get involved.

The Patron of the Eenhana Campus project, the former President of the Republic of Namibia, H.E Hifikepunye Pohamba, who is a resident of the Region, has expressed his unwavering commitment towards this initiative. These sentiments have also been echoed by various community members, traditional leaders, government entities and private companies, amongst others. I can thus confidently state that this project has been established on a strong foundation and it is now up to all of us to take it to the next level.

I would like to also use this opportunity to express my profound gratitude to all the sponsors that have already pledged their support, as well as those that are yet to come on board.

In a world where technological advances are developing at an unprecedented rate, and as we are embracing the Fourth Industrial Revolution, we need to make sure that no one is left behind. Let us close the digital gap and let us educate every Namibian child.

Sincerely,
Dr Eroid Naomab
NUST Vice-Chancellor



Messages from Key Stakeholders



"The decentralisation of the University's services has become a priority. Education needs to be taken to the masses as a means of empowering our people. Furthermore, this is also an opportunity to advance key areas such as Technical and Vocational Education and Training (TVET), in line with the Ministry's strategic focus,"

**Hon Dr Itah Kandjii-Murangi, Minister of Higher Education,
Technology and Innovation**



"In line with Namibia's development plans, it is pivotal that we focus on projects that will contribute to poverty eradication, promoting industrialisation, reducing income disparities and stimulating economic growth. Undoubtedly, education is one of the key drivers of achieving these goals. Financing a project of this nature and magnitude, is a true act of patriotism"

**Hon Prof Peter Katjavivi, Speaker of the National Assembly and
NUST Chancellor**



“Resource mobilisation is the crucial element for the success of any project. The NUST Eenhana Campus is not only for today’s generation, but for future generations to come. Sustainability is important and all stakeholders should work together as one, in a transparent and mutually beneficial manner”

Hon Walde Ndevashiya, Governor of the Oshana Region



“This is a dream that has been long time coming for the people of Oshana. Everyone, young and old, has already expressed their interest to donate the little that they have for this campus to come to life. We are grateful to NUST and for leading this long-overdue project”

Meekulu Martha Mwadinomho Ya Kristian Nelumbu, OhambayOvakwanyama



Executive Summary

NUST was established by an Act of Parliament, Act No 7, of 2015. Since gaining University status in 2015, NUST has transformed its programmes, including review of existing programmes, development of new qualifications and programmes and expanding its partnerships locally and internationally. The University offers a diversity of programmes from certificate to postgraduate levels. It offers several Master and PhD programmes which were developed to address the skills shortage and resource needs across various sectors in the country. NUST has also been able to generate third stream income through application for funding from donor agencies, such as USAID, UNESCO, EU, Finnish Embassy, Basler Afrika and others. This income not only improves our research outputs and rankings within the African continent, but our students also get trained to do research and improve their own qualifications. Aligned to the University's strategic objectives, the institution is switching to hybrid and online education and like others, NUST is poised to take up this challenge because we have already introduced MyNUST an online platform to disseminate knowledge and information. Since the lockdown last year, we have been holding online classes with great success in nearly all our programmes. We must build on the experience that we have acquired so far and increase our funding applications to generate third stream income not only for NUST itself, but also for Namibia, our country.

The establishment of the Eenhana satellite campus is firstly in line with achieving the strategic objective of maintaining a local presence, extending the national footprint and international reach. Furthermore, the establishment of a satellite campus is in alignment with the Ohangwena Regional Development Plan and embedded in the strategic mandate of the Ministry of Higher Education, Technology and Innovation (MHETI), national key priorities of poverty eradication, industrialisation, reduction of income disparities, economic growth, wealth and diversified employment creation and national cohesion and inclusivity which form part of the Sustainable Development Goals (SDGs) as well as the Harambee Prosperity Plan as unveiled by our President, His Excellency, Honourable Dr Hage Geingob and Vision 2030.

As such, the Eenhana campus will host at least 60 programmes in areas of agriculture, business management, computing and informatics, horticulture, logistics and supply chain management, journalism and media technology, natural resource management, STEM and Technical Vocational Education and Training (TVET), ranging from Certificates to PhD programmes. Furthermore, the campus will offer a minimum of fifty short courses over a period of ten years. The enrolment numbers for the study programmes are expected to start with around 1 000 students and projected to grow to over 6 000 in ten years. As for the short courses, the enrolment projections are estimated at 2 000 students in 2022 with the aim to increase to over 14 000 by 2031.



Overview of the Ohangwena Region

Ohangwena is one of the fourteen regions of Namibia with Eenhana as its capital. Major settlements in the region are in the towns Eenhana and Helao Nafidi and the self-governed village of Okongo. It is a densely populated region in Namibia measuring 10,703 square kilometres. The 2018 Labour Force Survey recorded a population of around 260 190. As of 2020, Ohangwena has 150,724 registered voters.

In the north, Ohangwena borders Angola. Domestically, it borders the Kavango West (east), Oshikoto (south), Oshana (southwest) and Omustai (west). The predominant activities of this densely populated subsistence agricultural region are small scale mahangu cultivation and keeping of cattle.

The main settlements in the region straddle the good paved road from the Angolan border to Ondangwa, where it joins the Oshakati-Tsumeb trunk road. The eastern part of the region possesses good grazing land, but the shortage of water and poor communications render it uninhabitable at present. There is a tarred road from Onhuno to Okongo that was recently completed, it is thought to greatly increase the area's agricultural potential.

Eenhana is connected to the road network and has a well-developed infrastructure. Due to the proximity of Angola, many businesses are situated here. The town hosts an annual trade fair.

Ohangwena has roughly 273 schools with a learner population of about 115,262. Post-secondary education institutions in the region are limited to Eenhana Vocational Training Centre (EVTC) and a few private colleges. Currently there is no University in Ohangwena.

According to the 2018 Labour Force Survey, only 15.3% of the household income in the Ohangwena region comes from salaries and/or wages. The survey further shows that 60.6% of households in Ohangwena Region reported subsistence farming as their main source of income. According to the survey, the broad labour force participation rates in Ohangwena is 62.2% and is the lowest compared to the other regions. The survey further highlights that Ohangwena has the second highest percentage of informal employments (82.7%) and the second highest percent of persons in vulnerable employment (15.9%). The unemployment rate in Ohangwena according to the report stands at 33.6% with majority out of work for more than a year.

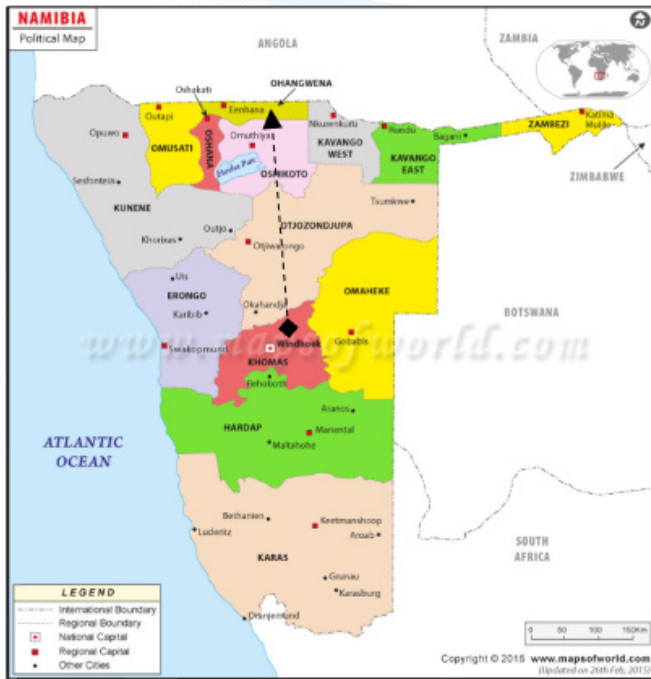
Unemployed youth put pressure on families and drive up rural-urban migrations. The Not in Education, or Not in Employment or Not in Training (NEET) youth aged 15-34 according to the 2018 Labour Force Survey stands at 32.7% in Ohangwena Region with female figures higher than male. The survey further shows that the proportion of youth in this category decrease with increasing levels of education.

The recently completed study on the Socio-Economic Impact of COVID-19 (UN Namibia, 2020) has highlighted that there is strong likelihood of increase in youth unemployment figures as a percentage of overall unemployment which rose dramatically due to COVID-19 related job losses.





Rationale for a Satellite Campus in Eenhana



Taking cognisance of the fact that other institutions of higher learning are still not present in this region, and NUST qualifications are sought after, NUST is strategically positioned to become a higher education of choice in the Ohangwena and surrounding regions. Furthermore, establishing a University close to the Angolan border has the potential to attract more students beyond the Namibian border. Over the past twenty years, NUST have had an influx of Angolan students at our campus in Windhoek not just seeking classes in English, but also registering for programmes such as business management, economics, accounting, etc. Due to sheer proximity of the campus, we believe many students will be attracted and will enrol.

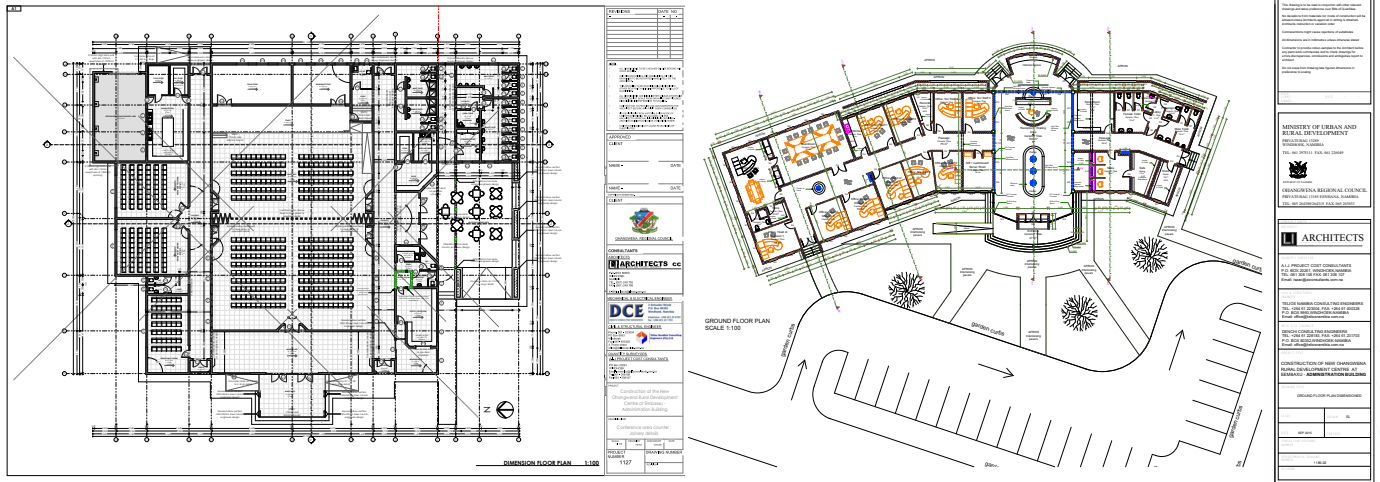
Prospective students residing in the Ohangwena and neighboring regions, who meet the requirements, but are not admitted for studying at the Windhoek Main Campus due to limited space, or students who prefer to study in the vicinity of their homes to avoid the additional expenses of accommodation and transport, as well as distance education students from the region, will be afforded the opportunity of access to higher education through the NUST satellite campus in Eenhana.

Furthermore, having recognised the challenges that unregulated rural-urban migration places on urban development, especially in respect to Windhoek, the establishment of the satellite campus can support the development priorities of service expansion to rural areas and as such, reduce costs of access to higher education for communities. In addition to the promotion of greater inclusion and access for rural communities which the satellite campus brings, it could also have the added benefit of creating new employment opportunities.

By establishing a satellite campus in Eenhana, NUST is in a strategic position to support and contribute to the economic and social development of the Ohangwena Region by offering diverse educational programmes, tailor-made, demand driven short courses and executive education to serve the local communities and develop the local industries and as such, foster community-based opportunities for innovation and entrepreneurship. It would further allow NUST to drive rural development, eliminate barriers to higher education by bringing it closer to the people, and support the government's and University's strategic objectives. Further, it will reverse rural to urban migration which causes a strain on the infrastructure of our capital city, Windhoek. As the cost of living in Windhoek is high compared to the regions, the establishment of the satellite campus has the potential to drive development in our regions.



Satellite Campus in Eenhana



For the purposes of setting up the satellite campus using existing facilities, NUST has requested the use of Billy William Mwaningange Rural Development Centre (RDC) from the Ohangwena Regional Council.

There are currently three buildings that NUST can make use for academic activities. These three buildings are the Conference Building, Administrative Building and Production Building.

The Conference Building will be used for lectures and the Administrative Building will be used primarily for offices. The Production Building will serve as a training facility for programmes and short courses that fall under Technical and Vocational Education and Training (TVET) and Engineering. The Production Building is further deemed as suitable for the Materials Testing Institute (MTI) currently housed in the NUST Main Campus and would benefit the students based in the Satellite Campus. The machines in the Production Facility will also be used to conduct basic technical training and upskilling workshops for continuous professional development of TVET students, trainers and members of the community.

It is envisaged that Billy William Mwaningange Rural Development Centre (RDC) will be utilised until the construction of the satellite campus is completed and ready for academic and research activities.

The Eenhana Town Council has donated an institutional land, Erf 7056 at Eenhana extension 12 measuring 21.1942 hectares to construct the NUST Eenhana satellite campus.





Faculty of Computing and Informatics



Message from the Acting Dean

The vision of the Faculty is to provide the best regional practical oriented tertiary education in Computer Science and Informatics, through internationally recognised programs, research and service to enable students to be professional leaders within the national, regional and global knowledge-based society. The Faculty consists of two departments: the Department of Computer Science and the Department of Informatics. The Faculty also hosts the India-Namibia Centre of Excellence in Information Technology (INCEIT) in partnership with the government of India through its Centre for Development of Advanced Computing (C-DAC). INCEIT offers students with the following Certificates on NQF Level 7 in the computing field: Certificate in Ethical Hacking and Information Security, Certificate in Advanced Web Technologies and Certificate in Big Data Technologies.

Dr Colin Stanley

Acting Dean

*Nat Dip. (Software Eng), B.Tech Hons (Software Dev.), MSc (Comp. Sc)
PhD. Comp. Sci. (UCT)*

Our Faculty will offer the following qualifications and short courses.

Bachelors

- Computer Science
- Cyber Security

Postgraduate Certificate / Diploma

- Information Systems Audit

Short courses

- Python Programming: Beginner's level
- Certificate in Python Programming: Advanced Level
- CISCO Certified Network Associate (CCNA 1)
- Microsoft Professional Certification
- Certificate in Ethical Hacking and Information Security
- Certificate in Big Data Technologies
- Certificate in Advanced Web Technologies
- Certificate in Enterprise Systems (SAP ERP)
- CISCO Certified Network Associate (CCNA) 2-4

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.

Faculty of Engineering

Message from the Dean

The Faculty of Engineering consists of four academic departments and a Material Testing Institute. The Departments are: Civil and Environmental Engineering; Electrical and Computer Engineering; Mechanical and Marine Engineering; Mining and Process Engineering. The Faculty offers National Diploma, Bachelor of Technology (BTech) and Bachelor of Engineering (BEng - professional degree) programmes in various Engineering disciplines. Your first year of study is common to give you an introduction to the general engineering principles before specialising in the different disciplines in subsequent years of study. We take pride in our strategic partnership with industry and partner academic institutions through research, collaboration and consultancy. We are proud of our vibrant team of professionals, whose passion lies in pursuing cutting edge research in the areas of renewable energy, water resources management, manufacturing systems and sustainable mining practices, amongst others.



Prof Hannes van der Walt
Dean

BEng [Mech], MEng [Mech], PhD Eng [Mech/Aero]

Our Faculty will offer the following qualifications and short courses.

Bridging / Foundation

- INSTEM

Diploma

- Civil and Industrial Engineering

Professional Bachelor

- First year [Common]

Postgraduate short courses

- Electrical Engineering

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.



Faculty of Health and Applied Sciences



Message from the Dean

The Faculty is a very important knowledge-partner that contributes remarkably to the development of the Country in various ways. The Faculty is adequately equipped with state-of-the-art facilities for teaching and learning as well as for research. The Faculty consists of three department, namely: Health Sciences, Mathematics and Statistics, and Natural and Applied Sciences.

We offer degree programmes in Biological, Health, Mathematical and Physical Sciences. Our qualifications range from undergraduate degrees through honours and masters, up to doctoral degrees in some cases.

As part of the training, our students spend some time with our industry partners where they integrate their academic learning with practical applications in the workplace. The staff members and students of the Faculty also contribute to the uplifting of the community through the Faculty's intensive community engagement programme.

Dr Onesmus Shuungula

Dean

BSc [Maths and Stats], BSc Hons [Maths], MSc [Maths], PhD [Maths]

Our Faculty will offer the following qualifications and short courses.

Bridging / Foundation

- NUST Science Foundation Programme

Core and Services Courses

- Basic Science
- Mathematics and Statistics

Certificate / Diploma

- Glass Blowing (Vocational Training)
- Optometric Technology (Vocational Training)

Postgraduate Certificate / Diploma

- Health and Information Systems

Short courses

- Molecular Diagnostics,
- Value Addition for Agriculture Products Radiation protection in diagnostic imaging,
- Soil and water quality,
- Food and safety processing,
- Sampling and sample preparation techniques,
- Introduction to Bioinformatics,
- Basic laboratory and safety techniques
- STEM teachers capacity development will also be offered.

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.



Faculty of Human Sciences

Message from the Dean

As a Faculty, we recognise the importance of nurturing our community members as we navigate an increasingly fragile world. Below, I share briefly the Departmental offerings including some of the career opportunities for graduates from the Faculty of Human Sciences. We believe that the relevance of our disciplines is so much greater today as global well-being is being undermined by the deepening crises highlighted above.

The Department of Communication offers undergraduate and post-graduate programmes in Communication, English, Journalism and Media Technology. Graduates from this Department have been at the forefront of the pandemic with communication technologies and real time news. Our graduates serve in public and private sectors while others have ventured into cultural industries as entrepreneurs providing employment opportunities for the youth. The English studies programme has contributed to the transformation of education in the country. The Master in English and Applied Linguistics (MEAL) and Master of Journalism and Media Technology (MJMT) programmes have ensured we enhance the research capabilities of our students and staff in the Faculty.

The Department of Technical, Vocational Education and Training offers two Diplomas targeted at training TVET trainers and managers. The TVET sector was identified as a critical sector for skills development for the youth and to address the high unemployment figures exacerbated by job losses during the COVID-19 pandemic. The TVET sector targets development priorities in the NDP 5, Vision 2030 and SDGs. The global economic recovery rests heavily on technology driven infrastructure development and re-positioning science and technology research. This has added to our own vigour to develop vibrant and relevant TVET programmes. The Department offers service courses in English studies, ICT education and various language courses which can be taken for self-development.

The Department of Social Sciences offers a diverse range of programmes cutting across criminal justice, legal studies and public management. The Criminal Justice programme offers learning opportunities in policing and correctional management. The Department has developed crucial stakeholder partnerships with the Namibia Police Force and the Namibia Correctional Services. We value these partnerships given the challenges of law enforcement, peace, security and justice at national and global levels. The public management programme has facilitated the development of critical capabilities at local and regional levels. The Department's contribution to building capacity for good governance in Namibia and across the continent cannot be underestimated. As a Faculty, we believe our programmes will contribute to building just and safe communities.



Dr Pilisano Masake Acting Dean

LL.M (Stell.), LL.B (UNAM), B. Juris (UNAM), Cert. Adv. Crim. Investigation (IIPC, Nam), Cert. Basic Crim. Investigation (IIPC, Nam), Cert. Investigation of Transnational & Org. Intell. Property Crime (Interpol College, Zim.)



Our Faculty will offer the following qualifications and short courses.

Diploma

- TVET: Trainer
- TVET: Management

Bachelors

- Communication
- English and Applied Linguistics
- Public Management
- Criminal Justice (Policing)
- Journalism and Media Technology
- TVET: Management
- TVET: Trainer

Honours

- Educational Planning
- TVET: Trainer
- TVET: Management
- Communication
- English
- Journalism and Media Technology

Postgraduate Certificate / Diploma

- Higher Certificate in Education
- Postgraduate certificate in Public Relations
- Postgraduate certificate in Crisis Communication
- Postgraduate certificate in Development Communication
- Postgraduate Certificate in Digital Communication
- Postgraduate Certificate in Graphic Design
- Postgraduate Certificate in English for Specific Purposes
- Postgraduate Certificate in Speech Writing
- Postgraduate Certificate in Television and Radio Production
- Postgraduate Certificate in Digital Journalism

Masters

- Communication
- English and Applied Linguistics
- TVET: Trainer
- TVET: Management
- Journalism and Media Technology

PhD

- TVET
- English and Applied Linguistics
- Linguistics
- Literature
- Media and Communication

Short Courses

- In-company Mentorship
- Assessor and Moderator
- English Language
- Portuguese
- Mandarin
- German
- Afrikaans
- Training Needs Analysis
- Performance Management in TVET

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.

Faculty of Management Sciences

Message from the Dean

To enrich the learning process, the Faculty contributes to scholarship through applied research and instructional development, as well as provides students with the background necessary to pursue advanced studies in business and management related fields. The educational experience in the undergraduate and graduate levels is designed to provide students with the intellectual flexibility to be successful in a dynamic business environment.

In addition, to provide support to employer community through the development of marketable skills in potential employees, the Faculty enhances the competitive capabilities of local businesses by providing continuing education courses and consulting services through the Centre for Enterprise Development (CED), the Harold Pupkewitz Graduate School of Business (HPGSB) and the individual efforts of faculty. The Faculty has further established collaborative relationship with the public and private sector institutions and industries in developing a rationale and effective system of higher education in Namibia. The Faculty encourages faculty professional development, scholarly productivity, and service to benefit all stakeholders: students



Dr Efigenia Semente Acting Dean

*PhD Bus. Mngt (UNAM), MBA (University of Bedfordshire – UK),
MSc Marketing (University of Harriot Watt –UK)
PGSM (University of Harriot Watt –UK), PGCHE (NUST),
BTch Marketing (UNISA)*

Our Faculty will offer the following qualifications and short courses.

Certificate

- Procurement Management (Level 4)

Bachelor

- Logistics and Supply Chain Management
- Tourism, Innovation and Development
- Transport Management

Postgraduate diplomas

- Procurement Management (Level 8)
- Management (Level 8)

Honours

- Business Management
- Hospitality and Tourism Management
- Marketing

Short courses

- Procurement (consortium)
- Basic Chef Skill Short Course
- Supply Chain Management
- Logistics and Transport (5 courses) NGCL
- Management courses (12 courses) (NGCL)
- Certificate in Hospitality Operations
- Certificate in Travel and Tourism Operations

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.



The Harold Pupkewitz Graduate School of Business

Message from the Director

Our quest to transform organisational leadership in Namibia and on the Continent, has led to the Harold Pupkewitz Graduate School of Business (HPGSB) spearheading initiatives that will contribute to the enhancement of organisations and the society within which we operate.

In this regard the School will ensure that students have a pleasurable educational journey with us and emerge as passionate, committed and dedicated Alumni, working in the best interest of our country, the organisations they serve and the communities they represent.

With strengthened globally tested student-centred pedagogies, relevant and quality programmes and a strong drive to integrate Technology in our teaching and learning, we are well positioned to be a small but agile business school of choice.

Tom Peters said that excellent organisations don't believe in excellence but rather in constant improvement and constant change. Consider the HP-GSB and experience transformation.



Dr Hylton James Villet
Director

Ph.D. in Organisational Communication and Mediation (Ohio University, USA), Master of Arts in Organisational Communication and Leadership (Ohio University, USA), and a Bachelor of Arts in Industrial Psychology, Public Administration, and Political Science (University of Western Cape, SA).

The HP-GSB will offer the following qualifications and short courses

Masters

- Master in Business Administration (MBA)

Short courses

- Financial Literacy and Wellness
- Financial Management and Decision Making
- Financial Reporting and Analysis
- General Banking
- Taxation and Auditing

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.

Faculty of Natural Resources and Spatial Sciences

Message from the Dean



The Faculty's mission promotes personal and academic advancement of students by conveying knowledge and skills required in the sustainable utilization and management of natural resources. If you yearn to contribute to the sustained national economic growth and competitiveness, this is the right faculty for you!

The Faculty is comprised of four Departments, namely: Agriculture and Natural Resources Sciences, Land and Property Sciences, Geo-Spatial Sciences and Technology and Architecture and Spatial Planning.

Within a stimulating and friendly environment, we offer a wide range of qualifications ranging from diplomas to doctorate degrees. We use a diverse, yet practical, approach to understand environmental challenges. Our programmes are geared towards national development and enhancement, as we strive to build the capacity required to meet the regional transformation challenges such as poverty reduction, land reform, eco-tourism, sustainable agriculture and food security, environmental and ecological sustainability for sustainable socio- economic development. We collaborate with national and international partners. Our undergraduate programmes are complimented by internationally recognised research, focused on land tenure and its sustainable use. It is an exciting and inspiring faculty to hone your knowledge and skills for your chosen career path

Prof Rolf Becker

Dean

Pr Sci Nat[Chemical Sciences], BBA [Strategic Management], BSc [Chem and Biochem, BSc [Hons] [Biochem], MSc [Biochem], PhD [Biochem]

We offer the following programmes and short courses in different modes of delivery i.e. online or blended or face-to-face.

Diploma

- General Agriculture (Vocational oriented)
- Natural Resources Management
- Horticulture

Bachelors

- Bachelor of Regional and Rural Development

Honours

- Regional and Rural Development
- Horticulture
- Agriculture (Sustainable agriculture)
- Informal Settlement Upgrading

Certificates

- General Agriculture (Vocational oriented)
- Horticulture: (1 Year) (Introduction to Botany and Plant Nursery Production, Introduction to Soil Science, Vegetable Physiology and Production, Fruit Physiology and Production, Introduction to Plant Protection and Horticulture Practices)
- Technical Natural Resources Management (1 Year) (Plant ID, Monitoring principles, Field Assessment Techniques, Wildlife Care and Management)
- Forestry Management (1-Year) (Plant ID, Plant physiology, plant adaptations, monitoring, soil science)



Short Courses

- Horticulture
- Basic Business Management
- Value Addition to Natural Resources
- Crop Management
- Capacity Building in Land Use Planning for Regional Stakeholders implementing the Integrated Regional Land Use Plans
- Introduction to Namibian Town and Regional Planning, its legislative framework and operational methodology and procedures
- Multidisciplinary Integrated Human Settlement Planning and Design
- Agricultural Marketing (targeting emerging farmers)
- Animal Husbandry and Animal Health (targeting emerging communal farmers)
- Financial Management (targeting emerging communal farmers)
- Climate Smart Agriculture Techniques for Crop production (targeting emerging communal farmers)
- Small Scale Vegetable Production
- Small Scale Fruit Production
- Bush-to-Feed Production
- Compost Production

These programmes and short courses will be offered through different modes of delivery i.e. online or blended or face-to-face. This list will be updated based on the demand for our programmes and short courses.





Research and Innovation Projects from Faculties

The research and innovation projects chosen for the satellite campus not only have the potential to raise the research profile of NUST but also drive innovation and development in the region in line with the priorities of the Ohangwena Strategic Development Roadmap i.e. economic development, acceleration of land delivery, youth empowerment and employment creation, food security, access to potable water and road Infrastructure development as shown below:

Home Grown School Feeding Program (HGSFP) from the Harold Pukewitz Graduate School of Business

- Improvement of food safety and supply chain for local school feeding programs
- Improve gender equality for future economic productivity.
- Strengthen schools' financial systems
- Build capacity for local smallholder farms
- Improved nutritional health services and education

Development of Value-Added Products from Legumes Project from the Faculty of Health and Applied Sciences

- Employment opportunities to young people
- Provide a market to the legumes that are produced by the local farmers.
- The success of this initial project will catalyse the development of many other value -added products from legumes in the country.

DREAMS Project from the Faculty of Health and Applied Sciences

High school girls capacitated and University- ready in Science, Technology, Engineering and Mathematics (STEM) fields

Technical and Vocational Education and Training (TVET) Needs of Ohangwena Youth Project from the Faculty of Human Sciences

Will provide evidence of specialist trades that will subsequently be introduced for training to spearhead further research and development studies that will involve several procedures leading to the conceptualisation of Innovative Entrepreneurial ideas for local benefits and commercialisation purposes.

Technical and Vocational Education and Training (TVET) Sector Impact on Socio-Economic Development Project from the Faculty of Human Sciences

This project will revitalise the economic growth and development of the local communities through the training of the youth in employable skills. Ultimately, the mid to long terms effects is easier access to education and poverty alleviation.

Promoting a Resilient Water Security and Management System for Namibia in an Environment of Climate Change Project from the Faculty of Engineering

- To develop capacity of Local Authorities on the adoption and implementation of WDM and sustainable sanitation
- To promote water security through the application of WDM

strategies in selected Local Authorities

- To address sanitation, particularly in informal settlements, to enhance human health and counter transmission of communicable diseases

Co-designing Cultural Heritage Technologies with Eenhana Communities Project from the Faculty of Computing and Informatics

- Safeguarding the communities Indigenous Knowledge.
- Low-cost software solutions for the communities through crowdsourcing.
- Harness opportunities for communities to generate revenue from the digital economy

Co-design of Cybersecurity Practices with Rural Communities in Engali Constituency Project from the Faculty of Computing and Informatics

- Ensuring a safe digital society to minimise online cyber-crime susceptibility for the constituencies.
- Advancing the cybersecurity agenda for the nation through empowerment of underserved citizen in safe utilisation of technology.

Implementation of Structured Knowledge Base on Land Administration Capacity Development Project from Faculty of Natural Resources and Spatial Sciences

This project is expected to enhance the land administration system in northern Namibia towards effective community-based urban development.

Urbanisation of the Northern Communal Areas in Namibia Project from the Faculty of Natural Resources and Spatial Sciences

In this project the Smart Cities concepts is to be upscaled [Technology oriented interventions in support of local authorities]

Assessment of the Implementation of Solar Energy in the Northern Region and Monitoring and Evaluation of Implemented Projects from the Namibia Energy Institute (NEI)

- Improve energy access (SDG7)
- Increase knowledge and skills necessary to create job opportunities (SDG4)
- Improved performance and sustainability of implemented Projects in Solar Technologies (SDG 9)

Note: SDG stands for Sustainable Development Goal



Special Projects



**NAMIBIA
UNIVERSITY
OF SCIENCE AND
TECHNOLOGY**



NBII
NAMIBIA BUSINESS INNOVATION INSTITUTE



**The Cooperative
Education Unit (CEU)**

Namibia Business Innovation Institute (NBII)	
Project Name	Benefit to the Ohangwena Community
NBII Startup Acceleration Programme (including Innovate your traditional Business)	<ul style="list-style-type: none"> • Employment creation for young people • Innovation and Entrepreneurship Development
Innovation Hub Projects (Innovation Challenge)	Employment Creation, Innovation and Entrepreneurship programme
Edupreneurs Digital Platform	<ul style="list-style-type: none"> • Training of Teachers (Digitisation of Educational services) • Free websites are created for schools
Namibia Energy Institute (NEI)	
Project Name	Benefit to the Ohangwena Community
Assessment of the Implementation of Solar Energy in the Northern Region and Monitoring and Evaluation of Implemented Projects	<ul style="list-style-type: none"> • Improve energy access (SDG7) • Increase knowledge and skills necessary to create job opportunities (SDG4) • Improved performance and sustainability of implemented projects in solar technologies (SDG9)
The Cooperative Education Unit (CEU)	
CEU Activities	Benefit to the Ohangwena Community
<ul style="list-style-type: none"> • Facilitate the cooperation between NUST and Ohangwena Region industry and the community through the negotiation of Memoranda of Agreements (MoAs) • Coordinate and facilitate Work Integrated Learning (WIL) placement opportunities for students • Coach and mentor students on CV writing and interview preparation • Provide the Employability Improvement course to the Ohangwena community specifically the youth that are undertaking TVET programmes as well as industry • Offer industry mentorship workshops to the Ohangwena community WIL mentors in collaboration with industry experts 	<ul style="list-style-type: none"> • A one stop service for NUST to partner with companies in Ohangwena and other northern regions • Enhancement of work readiness and employability skills of the youth in Ohangwena • Coordinated WIL engagement with students and industry • An opportunity for Work Integrated Learning (WIL) eligible students to be assisted with scanning, faxing and Internet (online) facilities



Pledges towards the Eenhana Campus Project

As the first satellite campus of NUST, you are invited to become part of this important milestone in the history of NUST through your pledges to bring Higher Education closer to the Ohangwena Region and drive rural development to the region.

To setup this campus, we are raising funds for physical training facilities, accommodation and sport facilities, cafeterias, ICT infrastructure and equipment, training equipment, buses for student and staff mobility, and research facilities such as an experimental farm to ensure that this campus will be not only a state-of-the-art facility which delivers education and training but also supports technology transfer to drive innovation and development in a student-centered environment that promotes the success of our students.

**We need N\$1,295,610,667 to setup the NUST Eenhana Campus over a period of 10 years
60% of this amount will be required for our capital expenditure, 20% for operational
and another 20% for a scholarship fund for students.**

A project of such magnitude cannot be achieved without your backing and as such we reach out to you to make this national project a reality and success through your donations in the form of cash or in-kind.

Facilities of the Satellite Campus	
By supporting us to build these facilities you will be ensuring that our staff and students will be operating in an environment that will promote academic excellence.	
Teaching and Learning Facilities	
150-seater Auditorium	<ul style="list-style-type: none"> 2 Fully furnished with audio-visual Multi-presenter Video conferencing equipment
300-seater Auditorium	<ul style="list-style-type: none"> 1 Fully furnished with audio-visual Multi-presenter Video conferencing equipment
30-seater Classroom	<ul style="list-style-type: none"> 25 Fully furnished with audio-visual equipment Teaching aids
50-seater Classroom	<ul style="list-style-type: none"> 25 Fully furnished with audio-visual Multi-presenter Video conferencing equipment
30-seater Computer Labs	<ul style="list-style-type: none"> 30 Fully furnished (includes air-conditioning, electricity) Network cabling and equipment Computers Furniture Teaching aids Podium with all accessories
30-seater Science Laboratories	15 (Physics=5; Chemistry=5; Biology=5) fully furnished
30-seater Laboratories for Engineering	3 (Mechanical, Electrical, and Electronic) fully furnished
Training Kitchen	1 Fully furnished kitchen for training Hospitality Students
Technical and Vocational Education and Training (TVET) Rooms for Microteaching-15 seater	2 Fully furnished and equipped
TVET Workshops with machines for Training and Assessment	<ul style="list-style-type: none"> Mechanical Trades Workshops Building Construction Trades Workshops Auto Trades Electrical Trades Workshops <p>Fully furnished and equipped</p>
Toilets for students	20 (10 male and 10 female) with fittings and flooring



Campus Clinic	
Clinic	<ul style="list-style-type: none"> • Waiting area • Office and examination room which is fully furnished with all the necessary equipment
Accommodation Facilities	
Hostel	<ul style="list-style-type: none"> • 300 rooms (150=male; 150=female) • At least 2 study areas • Shower and ablution facilities • Laundry and Kitchen • Chairs and desks • Beds • Wardrobes • Fittings and flooring
Staff Accommodation Units	15 Units for staff accommodation (guest lectures) which are fully furnished with flooring and fittings
Kitchen	1 Fully furnished kitchen to cater for hostel students
Cafeteria	
Cafeteria for staff	<ul style="list-style-type: none"> • 1 Fully furnished cafeteria with necessary equipment • Chairs and tables • Fittings and flooring
Cafeteria for students	<ul style="list-style-type: none"> • 1 Fully furnished cafeteria with necessary equipment • Chairs and tables • Fittings and flooring
Library with Internet Caf�	
Library	<ul style="list-style-type: none"> • 3 Offices • 3 Open study areas • 20 Computer stations • Internet caf� and shelves for books • Chairs and desks • Fittings and flooring
Executive Offices	<ul style="list-style-type: none"> • 1 Fully furnished with office furniture • Fittings and flooring
Facilities for Staff Members	
Board room-20 seater	<ul style="list-style-type: none"> • 1 Fully furnished with office furniture • Fittings and flooring • Equipped for video conferencing • Presentations and recording of meetings
Reception area	<ul style="list-style-type: none"> • 1 Fully furnished with office furniture and seats for guests • Fittings and flooring • Digital signage displays • CCTV viewing station
Offices for Academic Staff members	<ul style="list-style-type: none"> • 25 Fully furnished with office furniture • Equipment • Fittings and flooring
Offices for Administrative Staff members	<ul style="list-style-type: none"> • 10 Fully furnished with office furniture • Equipment • Fittings and flooring
Store-room	<ul style="list-style-type: none"> • 5 With shelves • Fittings and flooring
Toilets for staff	10 (5 male and 5 female) with fittings and flooring
Campus Security	
Campus Security Office	<ul style="list-style-type: none"> • 1 Fully furnished with office furniture • Fittings and flooring • Holding cells and boardroom
Control Room	<ul style="list-style-type: none"> • 1 Fully furnished with capability to manage all buildings' power and water consumption and other related systems • Video wall for CCTV
Strong room	2 With fittings and flooring
Sports Facilities	
Sports field	2 (Soccer and Rugby) with Public Address Systems
Multi-Purpose Hall	
500-seater General Hall	1 Fully furnished with audio visual equipment



Scholarship Fund

Many of the students who qualify for higher education are unable to enrol due to limited financing options. With your support we can set up a scholarship fund to provide full or partial funding for deserving students in various disciplines.

Student and Staff Mobility

The safety of our students and staff is very important to us. Furthermore, due to the sparse distribution of students and staff in the region, we would like to provide a shuttle service for those who need to be transported to and from the campus. With your support, we can ensure the safety of our staff and students and timely attendance to activities at the campus through two 50-seater buses.

ICT Infrastructure and Equipment

Internet access is at the heart of learning and research. To provide reliable and fast Internet access for teaching, learning and/or streaming from NUST Main Campus, we need projectors for each training facility, computers/dumb terminals for labs and library, network cables, network points, Nuke PCs, Panels, interactive-collaborative displays white-boards, video-conferencing equipment, network printers, servers and firewalls, switches and data storage, microphones, speakers, laptops and desktops for staff members, server equipment, data cabling and connectivity, and audio-visual equipment. Campus CCTV system with management software, buildings need to be equipped with building management systems for a smart, efficient campus.

Your support in this area will go a long way into ensuring that teaching and learning is enhanced through the power of technology.

Licenses for Software

The students need to be trained on specialised software to prepare for industry especially in the STEM fields. For a new campus we need to purchase additional licenses and your support will make this possible.

Specialised Training Equipment

Certain courses required specialised training equipment e.g. machines for TVET and Engineering workshops and laboratory equipment e.g. microscopes. Support us in ensuring that our students receive the skills based training critical to creating the workforce that will drive development in Namibia.

Experimental Farm

To adequately prepare our students for the 4th Industrial Revolution in Farming we need to train the students using experimental farms and farming equipment. Your support in setting up an experimental farm to conduct training and research activities will allow us to prepare our students for the industry and facilitate the transfer of technology required to develop farming in Namibia.

Information about the NUST Eenhana Campus Project

For more information about this project, please contact:

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Please e-mail the completed pledge forms to pledges@nust.na

Thank you for your donation and support in setting up the NUST Eenhana campus. Through your generous donation, many will benefit from a higher education qualification, jobs will be created, rural development will be promoted and Namibia will be steps closer towards achieving its vision of becoming an industrialised and prosperous nation.



NAMIBIA UNIVERSITY
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**Funding Prospectus for the Namibia University of Science
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