



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

**Oral and Poster
Presentation Sessions**

Institutional Research Week 2026



Tuesday, 27 October - Friday, 30 October 2026



Track A

Auditorium 1, NUST Lower Campus

Track C

**Mining Auditorium, Faculty of Engineering
and Built Environment Building,
NUST Lower Campus**

Posters Showcase

**Auditorium 1 Foyer,
NUST Lower Campus**



Day 2 | Tuesday, 27 October 2026 | 10:00 - 13:00

Oral Presentations

Track A - Research Frontiers	Track C - Student Research Conference
Session Chairs: Prof Sunde Tafirenyika and Prof Haileleul Woldemariam	Session Chairs: Prof Roswitha Mahalie and Dr Gloria Tshoopara
<p>1. AN INVESTIGATION ON THE IMPACT OF SOCIAL MEDIA MARKETING ON TRAVEL INTENTIONS AMONG NAMIBIAN SOCIAL MEDIA USERS</p> <p>Elizabeth Elago</p>	<p>1. EFFECTIVENESS OF POLICIES ON ACCESS AND QUALITY BASIC EDUCATION: A CASE STUDY OF FREE PRIMARY BASIC EDUCATION IN OUTAPI CIRCUIT, OMUSATI REGION, NAMIBIA</p> <p>Ismael Kandali</p>
<p>2. APPLICATION OF THE BLACK-SCHOLES OPTION PRICING MODEL: EVIDENCE FROM FIRSTRAND NAMIBIA SHARES</p> <p>Dionisius Heita</p>	<p>2. FACTORS CONTRIBUTING TO LOW INVESTMENT IN MAGNETIC RESONANCE IMAGING INFRASTRUCTURE FOR NAMIBIAN PUBLIC HEALTHCARE FACILITIES</p> <p>Kaarina Amutenya</p>
<p>3. A COGNITIVE STYLISTICS STUDY OF THE NAMA-HERERO GENOCIDE</p> <p>Linus Hafeni; Collen Sabao; Haileleul Zeleke Woldemariam</p>	<p>3. A PRAGMATIC LINGUISTIC INVESTIGATION OF INTER-ACTIONS AMONG POLITICAL PARTIES IN THE CONTEMPORARY NAMIBIAN POLITICAL LANDSCAPE: A SYSTEMATIC LITERATURE REVIEW</p> <p>Tjara Kavihuha; Haileleul Zeleke Woldemariam; Beven Liswani Kamwi</p>
<p>4. INCLUSION IN ENGLISH-MEDIUM INSTRUCTION CLASSROOM: A CASE STUDY OF UNIVERSITY STUDENTS IN NAMIBIA</p> <p>Beven Kamwi</p>	<p>4. PARTICLE SIZE EFFECTS ON GREEN HYDROGEN REDUCTION EFFICIENCY AT HYIRON OSHIVELA, NAMIBIA</p> <p>Martin Shipanga; Titus Nghipulile; Johannes Michels</p>
<p>5. SCREENPAL AS ASSESSMENT REDESIGN IN THE ERA OF AI: IS IT ALIGNED WITH PRINCIPLES OF GOOD ASSESSMENT PRACTICE?</p> <p>Katherine Carter</p>	<p>5. PRAGMATIC FAILURE IN MULTILINGUAL TVET INSTRUCTION: A SYSTEMATIC LITERATURE REVIEW</p> <p>Elias Shilemba; Haileleul Zeleke Woldemariam; Beven Liswani Kamwi</p>
<p>6. WHICH COMMODITY GETS PROTECTED, AND WHEN? COMMODITY-SPECIFIC IMPORT RESTRICTIONS UNDER NAMIBIA'S MARKET SHARE PROMOTION SCHEME, 2020-2026</p> <p>Tijara Githinji; Mwala Lubinda</p>	<p>6. BRIDGING THE GAP BETWEEN CITIZENS AND GOVERNMENT THROUGH A SMART DIGITAL E-PARTICIPATION PLATFORM IN NAMIBIA</p> <p>Watanavi Kaposambo</p>



<p>7. PHENOTYPIC AND GENOMIC CHARACTERIZATION OF ANTIMICROBIAL RESISTANCE IN ESCHERICHIA COLI AND KLEBSIELLA SPP. FROM LIVESTOCK IN NAMIBIA</p> <p>Loide Nangolo</p>	<p>7. HEAVY METAL REMOVAL FROM MUNICIPAL TREATED WASTEWATER USING CHITOSAN-BASED BIOPOLYMER NANOCOMPOSITES: A CASE STUDY OF WALVIS BAY, NAMIBIA</p> <p>Jesaya N Andreas; Edward Hamutenya; Godfrey Dzinomwa; Thabo Falayi; Revanuru Subramanyam</p>
<p>Track A - Research Frontiers</p> <p>Session Chairs: Prof Sunde Tafirenyika and Prof H Woldemariam</p>	<p>Track C: Student Research Conference</p> <p>Session Chairs: Prof Roswitha Mahalie</p>
<p>8. MOLECULAR ROLE OF HUMAN PAPILLOMA VIRUS ASSOCIATION WITH HEAD AND NECK SQUAMOUS CELL CARCINOMAS IN NAMIBIA</p> <p>Linda Ratjama; Lamech Mwapagha; Lawrence Banks</p>	<p>8. EXPLORING BARRIERS TO PARENTAL ENGAGEMENT IN SCHOOL DECISION-MAKING WITH INKATIMA URBANCIRCUIT: ZAMBEZI REGION.</p> <p>Esther Sibanje, Innocent Ikosa</p>
<p>Day 2 Tuesday, 27 October 2026 14:00 - 16:00</p> <p>Oral Presentations</p>	
<p>Track A - Research Frontiers</p> <p>Session Chairs: Prof Stephen Fashoto and Prof Smart Dumba</p>	<p>Track C - Student Research Conference</p> <p>Session Chairs: Prof Percy Chimwamurombe and Prof Prof Stoffberg Madelein</p>
<p>1. INFLUENCE OF DUNE SAND AS A PARTIAL REPLACEMENT FOR FINE AGGREGATE IN CONCRETE</p> <p>Chandrasekar Muthukameswaran; Albertus Ashipala</p>	<p>1. ASSESSING THE SUSTAINABILITY OF MANKETTI (SCHINZIOPHYTON RAUTANENII) FRUIT HARVESTING PRACTICES IN NORTHERN NAMIBIA.</p> <p>Josenia Sirongo; Vera De Cauwer; Leena Naftal</p>
<p>2. EVALUATING THE EFFECT OF KNOWLEDGE MANAGEMENT PRACTICES ON ORGANISATIONAL PERFORMANCE AT THE NAMIBIA UNIVERSITY OF SCIENCE AND TECHNOLOGY, WINDHOEK</p> <p>Rut Shimooshili; Vusumuzi Sibanda</p>	<p>2. UNDERSTANDING SPATIAL AND TEMPORAL DYNAMICS OF PANGOLIN POACHING IN NAMIBIA</p> <p>Ruben Angala; Jeremia Amutenya</p>
<p>3. IDENTITY LOSS AND CULTURAL CHANGE AMONG THE OLUKULA SAN UNDER FOREST CONSERVATION POLICIES IN OKONGO, NAMIBIA</p> <p>Rauha Nekongo; Coletta Kandemiri</p>	<p>3. WOMEN, YOUTH AND LAND TOOLS: ASSESSING INCLUSIVITY IN RURAL NAMIBIA</p> <p>Rosalia Dula</p>
<p>4. AN ECONOMETRIC ANALYSIS OF THE SECTORAL ECONOMIC IMPACT OF EXTREME WEATHER EVENTS IN NAMIBIA</p> <p>Benson Lubasi</p>	<p>4. DEEP LEARNING FOR OSHIWAMBO NATURAL SCIENCE TERMINOLOGY DEVELOPMENT IN GRADES 4-7 IN NAMIB-IA</p> <p>Liina Shiimi; Hippolyte Muyingi; Haileleul Zeleke Woldemari-am</p>



<p>5. AI-BASED VISUAL DETECTION OF BUILDING WALL CRACKS A COMPUTER VISION APPROACH TO INTELLIGENT BUILDING INSPECTION</p> <p>Dr Utibe Akah</p>	<p>5. INTERPERSONAL PURPOSES OF SLANG ON TIKTOK AMONG ENGLISH LANGUAGE STUDENTS IN NAMIBIA</p> <p>Natalia Sheya; Aletta M Hautemo</p>
<p>6. A LEAN READINESS ASSESSMENT FRAMEWORK FOR MANUFACTURING SMES: AN EMPIRICAL STUDY FROM NAMIBIA</p> <p>Justina N Ambuga; Prof Michael Mutingi; Dr Michael Sony</p>	<p>6. EFFECTIVENESS OF DIGITAL TECHNOLOGIES IN IMPROVING SPEAKING SKILLS IN ENGLISH AS A SECOND LANGUAGE LEARNING AT OLUKONDA SECONDARY SCHOOL</p> <p>Helena Ithindi; Aletta Hautemo</p>
<p>9. ASSESSING CHANGES IN THE FUNCTIONAL BIOMES OF SOUTHERN AFRICA</p> <p>Edward Muhoko; Timo Conradi; Steven Higgins</p>	
<p>Day 3 Wednesday, 28 October 2026 10:30 - 12:00</p> <p>Oral Presentations</p>	
<p>Track A - Research Frontiers</p> <p>Session chairs: Prof Stewart Kaupa and Prof Fredericks</p>	<p>Track C - Student Research Conference</p> <p>Session Chairs: Prof Irja Shannika and Prof Jose Quenum</p>
<p>1. REMAPPING EDITORIAL AND LANGUAGE SKILLS AS GRADUATE SERVICES AND EMPLOYABILITY PATHWAYS</p> <p>Chisom Akah; Utibe Akah</p>	<p>1. HOW SENSITIVE ARE EXTREME WIND RETURN LEVELS TO THRESHOLD SELECTION? EVIDENCE FROM NAMIBIA</p> <p>Wilka Igulu</p>
<p>Track A - Research Frontiers</p> <p>Session chairs: Prof Stewart Kaupa and Prof Fredericks</p>	<p>Track C - Student Research Conference</p> <p>Session Chairs: Prof Irja Shannika and Prof Jose Quenum</p>
<p>2. LANGUAGE, PROOF AND POWER: A FORENSIC LINGUISTICS INVESTIGATION OF INTIMATE PARTNER VIOLENCE (IPV) COVERAGE IN NAMIBIAN PRINT MEDIA</p> <p>Clementine Tjameya; Haileleul Woldemariam; Elijah Mukubonda</p>	<p>2. INVESTIGATING THE APPLICATION OF LARGE LANGUAGE MODELS (LLMs) IN ACADEMIC WRITING IN NAMIBIAN PUBLIC UNIVERSITIES</p> <p>Susana Salom; Haileleul Zeleke Woldemariam</p>
<p>3. THE ROLE OF DIGITAL SOVEREIGNTY ON SUSTAINABLE DIGITAL ECONOMIC DEVELOPMENT IN NAMIBIA</p> <p>Pilisano Masake</p>	<p>3. GROUNDWATER QUALITY AND SALINISATION IN THE HYPER-ARID OMDEL ALLUVIAL AQUIFER, NAMIBIA: AN INTEGRATED HYDROCHEMICAL AND STABLE ISOTOPE AS-SESSMENT</p> <p>Markus Hitila; Josefina Hamutoko; Benjamin Mapani; Selma Muundjua</p>
<p>4. THE LOCALISATION OF NAMIBIAN ENGLISH: EVIDENCE FROM UNIVERSITY STUDENTS' WHATSAPP COMMUNICATION</p> <p>Rauha Nekongo; Uerimanga Tjijombo</p>	<p>4. STRATEGIC IMPACT OF REVERSE LOGISTICS ON FINANCIAL SAVINGS OF CENTRALISED GOVERNMENT STORES IN WINDHOEK, NAMIBIA</p> <p>Willem Hausiku; Smart Dumba</p>



<p>5. THE IMPACT OF ARTIFICIAL INTELLIGENCE ON TEACHING AND LEARNING IN NAMIBIAN UNIVERSITIES: OPPORTUNITIES, CHALLENGES AND PROSPECTS FOR SUSTAINABLE DEVELOPMENT</p> <p>Simon Karusimba Siyena</p>	<p>5. BEYOND FORMAL TITLE: UNDERSTANDING TENURE SECURITY AND INFORMAL LAND MARKETS IN NAMIBIA</p> <p>Uaurika Kahireke</p>
<p>6. HYDROGEN-READY MINI-GRIDS FOR NAMIBIA: A SCALABLE MODEL FOR RURAL ENERGY SECURITY AND GREEN SKILLS DEVELOPMENT</p> <p>James Katende; Nadege Versheri</p>	<p>6. CONSIDER-COVARIANCE KALMAN FUSION OF UAV, INSAR, AND INCLINOMETRY FOR NEAR REAL-TIME SLOPE STABILITY MONITORING</p> <p>January Astrid; Jafeth Nghidimokanya; Joseph Odumosu</p>
<p>7. THE CROSSROADS OF INSTITUTIONAL AND ACADEMIC RESEARCH: A CASE STUDY OF NUST</p> <p>Booyesen Tubulingane</p>	<p>7. MACHINE LEARNING-BASED EARTHQUAKE MAGNITUDE PREDICTIVE MODELLING FOR NAMIBIA</p> <p>Essen Mowa; Oluibukun Ajayi</p>
<p>8. AN OVERVIEW OF PLANT BLEEDING DEMANDING RESILIENCE: PLANT BREEDING FOR SEMI-ARID CROP FOR SUSTAINABLE FOOD AND FEED SYSTEMS IN NAMIBIA. AND THE OVERVIEW OF PROJECTS AT RIETFONTEING CAMPUS</p> <p>Wanga Malati</p>	<p>8. EFFECTIVENESS OF NAMIBIA'S EDUCATION PUBLIC POLICIES ON ACCESS AND QUALITY BASIC EDUCATION: A CASE STUDY OF THE FREE PRIMARY BASIC EDUCATION POLICY IN OUTAPI CIRCUIT, OMUSATI REGION, NAMIBIA</p> <p>Ismael Max Kandali; Nico Sisinyize</p>
<p>Day 3 Wednesday, 28 October 2026 14:00 - 16:00</p> <p>Oral Presentations and 3MT Competition - Parallel Tracks A and C</p>	
<p>Track A - Research Frontiers</p> <p>Session Chairs: Dr Meed Mbidzo and Prof Victor Kamara</p>	<p>Track C - 3MT Competition</p> <p>Session Chairs: Dr David Iiyambo and Prof Kabiru Genty</p>
<p>1. CAN AI SHARE THE MARKING LOAD? EVALUATING AGENTIC ASSESSMENT WITH HUMAN EXAMINERS</p> <p>Lubinda Mwala</p>	<p>1. DEVELOPMENT OF A CONTEXT-AWARE ADAPTIVE MACHINE LEARNING MODEL FOR INJURY PREDICTION AND PREVENTION IN NAMIBIAN SOCCER</p> <p>Cephas Pahla</p>
<p>2. ASSESSING THE IMPACT OF CLIMATE CHANGE ON WATER AVAILABILITY AND FOOD SECURITY IN NAMIBIA</p> <p>Petrus Paulus; Percy Chimwamurombe; Christian Borgemeiter; Collins Ateba; Norman Muzhinji</p>	<p>2. BEYOND FORMALISATION: HOUSING TRANSFORMATION AND TENURE PRACTICES IN TUTALENI, WALVIS BAY, NAMIBIA</p> <p>Aune Shikongo</p>
<p>Track A - Research Frontiers</p> <p>Session Chairs: Dr Meed Mbidzo and Prof Victor Kamara</p>	<p>Track 3 - 3MT Competition</p> <p>Session Chairs: Dr David Iiyambo and Prof Kabiru Genty</p>
<p>3. INTRODUCING THE NAMIBIAN ECOSYSTEMS MAP</p> <p>Ben Strohbach; Marina Coetzee; Eugene Marais; Gillian Maggs-Kölling</p>	<p>3. POCSE-DLMODEL: A DEEP LEARNING COACH FOR DIGITAL PARENTING</p> <p>Jennyphar Kavikairiu</p>



4. BEYOND DAYLIGHT: MODELLING A CONTINUOUS DAY-AND-NIGHT POWER SOURCE INSPIRED BY PHOTOSYNTHETIC ENERGY SYSTEMS Jeconiah Masati	4. LINGUISTIC JUSTICE IN GREEN ENERGY COMMUNICATION: RETHINKING PUBLIC INCLUSION IN NAMIBIA'S GREEN HYDROGEN PROGRAMME Liicka Andima
5. EVALUATING PARENTAL DIGITAL PREPAREDNESS IN SUPPORTING LEARNERS' EDUCATION IN A DIGITAL ERA: EVIDENCE FROM OTJINENE CONSTITUENCY Emillia Nikodemus	5. BRIDGING THEORY AND PRACTICE: AI-MEDIATED ACADEMIC WRITING COMPETENCE IN NAMIBIAN UNIVERSITIES Uerimanga Tjijombo
6. MODELING FUTURE STREAMFLOW UNDER CLIMATE AND LAND USE SCENARIOS IN THE LOWER OKAVANGO RIVER BASIN Kaleb Gizaw Negussie; Daniel Wyss; Martin Kappas	6. DRYLAND NATURE-BASED SOLUTIONS FOR CLIMATE ADAPTIVE PLANNING: THE CASE OF WINDHOEK, NAMIBIA Gaby Hansen
	7. A FRAMEWORK FOR CULTURALLY RESPONSIVE COMPUTING TO ADDRESS THE DIGITAL DIVIDE IN Vistorina Ugulu
	8. DEVELOPMENT OF AI-BASED ETHNOBOTANICAL PLANT RECOGNITION AND INFORMATION SYSTEM: THE CASE OF JU/'HOANSI SAN COMMUNITIES OF NAMIBIA Josef Rufuma
	9. NARRATIVE TECHNIQUES OF RESISTANCE IN ZAKES MDA'S WAYS OF DYING: RECLAIMING AFRICAN VOICES Fracina Stefanus
	10. DEVELOPING A SECURE FEDERATED LEARNING FRAMEWORK FOR CLIMATE AND HYDROLOGICAL FORECASTING IN TRANSBOUNDARY RIVER BASINS OF SOUTHERN AFRICA Joao Bastos
	11. A LINGUISTIC AND RHETORICAL ANALYSIS OF UNAM'S AND NUST'S SOCIAL MEDIA PLATFORMS: TOWARDS A DIGITAL DISCOURSE ENGAGEMENT MODEL Tuyenikelao Ndapanda Lungameni



Day 4 | Thursday, 29 October 2026 | 09:45 - 11:45

Oral Presentations

Track A - Research Frontiers

Session Chairs: Prof Andrew Jeremiah and Prof Nikodemus Angula

1. NAMIBIAN CORRECTIONAL SERVICE RESEARCH AGENDA 2025 –2030: Creating Awareness of the Priority Research Projects for NCS

Hilma Kambundu; Luise Amunyela

2. GENERATIVE AI USE IN ENGLISH HOMEWORK AMONG GRADE 11 LEARNERS IN KHOMAS REGION

Rauha Nekongo; Sylvia Ithindi; Uerimanga Tjijombo; Coletta Kandemiri

3. THE CHANGING ROLE OF A PRE-AWARD PROFESSIONALS IN THE ERA OF RAPID TECHNOLOGICAL CHANGE

Bas Rijnen

Track A - Research Frontiers

Session Chairs: Prof Andrew Jeremiah and Prof Nikodemus Angula

4. WHAT DO STUDENTS THINK ABOUT GENERATIVE AI? INSIGHTS FROM BUILT ENVIRONMENT EDUCATION IN NIGERIA AND NAMIBIA

Oluibukun Gbenga Ajayi; Sulaimon Olusegun Atiku

5. SPATIAL CONCENTRATION AND DISTRIBUTION OF STUDENT ACCOMMODATION/HOUSING IN WINDHOEK, NAMIBIA

Wiehan Kabuwanwa

6. DETERMINANTS OF LAND PRICES IN INFORMAL SETTLEMENTS: THE INTERPLAY OF TENURE SECURITY, SETTLEMENT TYPOLOGIES, AND MARKET DYNAMICS IN THE CASE OF NAMIBIA

Uaurika Kahireke

7. FRAMING OF WOMEN IN THE LIBERATION STRUGGLE IN NAMIBIA: A CONTENT AND COMPARATIVE ANALYSIS OF STORIES IN THE NAMIBIAN & NEW ERA NEWSPAPERS, MARCH 1990 – MARCH 2025

Wanja Njuguna

8. CLIMATE-SMART IRRIGATION WATER AND SOIL MITIGATION FOR VEGETABLE PRODUCTION

Fabian Boys and Venaune Hepute



Poster Presentations | Monday, 26-30 October 2026

IRW 2026 Poster Showcase

Presenters	Poster Title
Frans Heita (NUST)	ASSESSING THE KNOWLEDGE, ATTITUDE AND PRACTICE OF TREATMENT COMPLIANCE AMONG TB PATIENTS IN THE SAN COMMUNITY, TSUMKWE, 2026
Nigel Mkwaira; Victoria Shipanga (NUST)	MEASURING CHANGE, ONE STORY AT A TIME: BUILDING AN EVIDENCE-PLUS-STORY MODEL, RESEARCH VISIBILITY AT NUST
Tashmida Guruses; Diana Tshuuya (NUST)	FROM WASTE TO LIGHT: ADVANCING SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH SOLAR LANTERN INNOVATION
Fredrick Nghilinganye; Haileleul Zeleke Woldemariam; Thulani Tshabangu (NUST)	BRIDGING THE BLUEPRINTS OF COMMUNICATION: PRAGMATIC COMPE-TENCE AND POLITENESS STRATEGIES AMONG TVET TRAINEES IN THE NORTHERN NAMIBIA
Dr Stefan Schulz (NUST)	FROM CAUSES TO ACTION: AN ACTION-THEORETICAL META-PERSPECTIVE IN ETIOLOGICAL CRIMINOLOGY
Gaby Hansen (NUST); Astrid Ley (University of Stuttgart); Jennilee Kohima (NUST); Mohamed Salheen (Ain Shams University)	SDG GOGLOCAL: TRANSLOCAL AND TRANSDISCIPLINARY TEACHING AND RESEARCH TO GROUND THE SDGS THROUGH INTEGRATED URBAN DEVELOPMENT.
Annaliese Amunyoko (NUST)	ASSESSING URBAN-RURAL INEQUALITIES IN ACCESS TO BASIC SERVICES IN NAMIBIA
Othniel Mukena; Jovita Mateus; Guy-Alain Zodi (NUST)	EXPERIMENTAL EVALUATION OF TOPOLOGY POISONING ATTACKS IN SOFTWARE-DEFINED NETWORKS
Rosalia Dula (NUST)	WOMEN, YOUTH AND LAND TOOLS: ASSESSING INCLUSIVITY IN RURAL NAMIBIA
Andreas Kalimbo (NUST)	DESIGN OF A WORKLOAD-AWARE LOAD BALANCING MODEL FOR E-LEARNING SYSTEMS
Dionisius Heita; Simon Kashihalwa; Salomo Katangolo (NUST)	APPLICATION OF THE BLACK-SCHOLES OPTION PRICING MODEL: EVI-DENCE FROM FIRSTRAND NAMIBIA SHARES
Kushomwa Edimund (NUST)	IMPROVING RURAL WATER BILL ACCESS USING GIS AND USSD TECHNOLOGY: A CASE OF OSHANA AND OMUSATI REGIONS



Presenters	Poster Title
E Phillipus et al.	GROWTH AND SEED YIELD VARIATION AMONG COWPEA GENOTYPES IN CASSAVA VILLAGE, KAVANGO WEST, NAMIBIA
B Angelius et al	AGRONOMIC PERFORMANCE AND PHENOTYPIC VARIATION OF COWPEA GERMPLASM AT RIETFontein, NAMIBIA
Kalipa W and Wanga M A	ASSESSING THE IMPACT OF ORGANIC FERTILISER ON RICE VEGETATIVE GROWTH AT KALIMBEZA RICE FARM, ZAMBEZI REGIONA, NAMIBIA
Kondjeni Kakuuui and Wanga M A	OPTIMIZING GAMMA RADIATION DOSAGE FOR INDUCED MUTAGENESIS IN PEARL MILLET (Pennisetum glaucum)



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