

University of Venda
Creating Future Leaders



**Victoria Falls Safari Lodge,
Victoria Falls, Zimbabwe.**

Joint International Research Conference

PROGRAMME OUTLINE

06-07 March , 2025

Conference Programme

06-07 March, 2025@Victoria Falls Safari Lodge, Victoria Falls, Zimbabwe.

Arrival and Registration @ Victoria Falls Safari Lodge				
05 March 2025				
Time	Venue	Activity		Responsible
14:00-20:00	Indaba Conference Centre	Conference registration by Conference Secretariat		Mr Vhonani Maumela, Mr Washington Towo, Ms. Priscilla Nemaangani, Mrs Medeliny Sibanda
18:00-20:00	Indaba Conference Centre	Organising Committee Meeting		Mr Dingani Mhlanga, Mr Mlaleli Nsikani & Mr Thabo Dikgale

06 March 2025
Programme Director: Eng. D. Mhlanga, Vice Principal, Training and Coordination
Session 1@ Indaba Conference Centre

0745-0825	Conference registration by Conference Secretariat		
Conference Rapporteurs, All Sessions: Ms L Moyo, Mr R Nematswerani, Mr R Mamphweli, Mrs M Sibanda			
Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
0825-0830	Housekeeping	Ms B. Moyo Bulawayo Polytechnic	Ms F Chibatamoto Bulawayo Polytechnic
0830-0840	Joint Organising Chairperson remarks	Mr D Mhlanga Joint Organising Committee Chairperson	
0840-0900	Mapping Southern Africa innovation ecosystem: The role of Higher Education in promoting inclusive innovation and entrepreneurship, commercialisation and industrialisation	Prof. Vhonani Netshandama University of Venda, South Africa	
0900-0920	Private-Finance Initiatives (PFIs): A financing option for entrepreneurial ventures and start-ups in tertiary institutions in Zimbabwe,"	Kumbirai Patrick Mukapiku and Clever Dhewa Harare Polytechnic, Zimbabwe	
0920-0940	Promoting Sustainable Development Through Student Owned Vermi-technology Enterprise	Conradie E, Lefera, M, Ngowi- Kgololo, I Central University of Technology, South Africa	
0940-1000	The role of intellectual property in Driving the Operationalisation of Education 5.0 in TVET Institutions: The Case of Kwekwe Polytechnic, Zimbabwe	Sylvia tendai Moto and Dr Perkins Muredzi Kwekwe Polytechnic & Harare Institute of Technology, Zimbabwe	
1000-1020	Raspberry Pi as a Smart Classroom Solution in African TVET Institutions	Sibanda Sithandekile Bulawayo Polytechnic, Zimbabwe	
1020-1040	Entrepreneurship Community Outreach Project as a Tool of Advancing Entrepreneurship Orientation	Dr Anyway Mikioni University of Venda, South Africa	

1040-1110	Break (Tea/Coffee)	All	Ms B. Moyo & Mrs N Ntakana Bulawayo Polytechnic and University of Venda

**Director of Ceremonies: Eng. D. Mhlanga, Vice Principal, Training and Coordination
Session 1 @ Indaba Conference Centre**

Time	Activity	Presenter	Chairperson/ Facilitator
1110-1115	National Anthems and Opening Prayer	Ms Juliet Chikutire Bulawayo Polytechnic South African National Anthem Zimbabwean National Anthem	Mr D Mhlanga Joint Organising Committee Chairperson
1115-1125	Opening and welcome remarks	Mrs Chiedza. Masanganise Principal, Bulawayo Polytechnic, Zimbabwe	
1125-1135	Remarks from the Hosts	Professor Bernard Nthambeleni, Vice-Chancellor and Principal, University of Venda, South Africa	
1135-1140	Message of Support	Prof. Marius Hedimbi Vice Chancellor Welwitchia University, Namibia	
1140-1150	Trans-Limpopo Spatial Development Initiative	Mr Kholisani Moyo City Economic Development Officer, City of Bulawayo, Zimbabwe Ms Dorah Maraba, Chief Director: Intergovernmental Relations, Official Development Assistance,	

		International Relations and African Peer Review Mechanism	
1150-1200	Introduction of the Guest of Honour	Mr D. C. Damba Director, Tertiary Education Programmes, MHTEISTD	Mrs C. Masanganise Principal, Bulawayo Polytechnic
1200-1230	Joint International Research Conference official opening address	Prof. F. Tagwira Permanent Secretary in the Ministry of Higher and Tertiary Education, Innovation, Science and Technology Development	Mr D. C. Damba Director, Tertiary Education Programmes, MHTEISTD
1230-1240	<p>Poster Presentations: Confucius Institutes New Role in Higher Education Cooperation</p> <p>Women in Technical Education and Development (WITED, Bulawayo Polytechnic)</p> <p>Exploring the Development of Communication Strategies for Indigenous Knowledge-Based Agricultural Products in Tshidzivhe Village of Limpopo Province in South Africa</p> <p>Integrating an Entrepreneurial Mindset into Social Work Education at the University of Venda: A collaborative Ecosystem Approach</p> <p>Entrepreneurship, Innovation and Economic Development: Building Entrepreneurship Ecosystem in tertiary Institutions, the case study of the Entrepreneurship Students Ambassadors program</p> <p>Unlocking and Enhancing Technology Transfer through Engaged Scholarship in Under-resourced Rural - based Universities: Reflections of Practitioners</p> <p>Performance comparison of polycrystalline and monocrystalline solar panels in Bulawayo</p>	<p>Prof Grace Ge Ruihong, Ted Xiong, Weijie</p> <p>Juliet Chikutire and Courtney Masuku</p> <p>Rendani Nematswareni, et al</p> <p>Tumelo Sekgobela</p> <p>Adivhaho Mpho Nengwekhulu</p> <p>Makole Magoro</p>	Mr D Mhlanga Joint Organising Committee Chairperson

		Chamu Nyachuru, Bulawayo Polytechnic	
1240-1255	Photo Session	Mr C. C. Landa/ Mr M Sibanda	Ms B. Moyo & Ms W. Mabogo
1300-1400	Lunch	All	Ms B. Moyo & Mrs N Ntakana Bulawayo Polytechnic and University of Venda

Oral Presentations

Theme: Innovation and Technology Transfer in Higher Education & Entrepreneurship, Innovation and Economic Development

Session 2 @ Indaba Conference Centre

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
1400-1420	The Extent of Entrepreneurship Education In Fostering Entrepreneurial Intentions: The Case Of Selected Technical And Vocational Education And Training (TVET) College, Limpopo Province	L. Chisevhe & N. Chiliya University of Venda, South Africa	Prof. Lufuno Makhado, University of Venda, South Africa
1420-1440	Perceptions of students in Polytechnics on the effectiveness of Entrepreneurship Education in Zimbabwe: A case study of Bulawayo Polytechnic	Eriah Nhongo Bulawayo Polytechnic, Zimbabwe	
1440-1500	Integrating Innovation and Technology Transfer in Technical and Vocational Education: Strategies for Industrialisation and Entrepreneurship Development	Dr. Mahlodi Joyce Sethu and Thizwilondi Madima, University of Venda, South Africa	
1500-1520	The role of Entrepreneurship in environmental sustainability	Thandiwe Chiuswa Mutare Polytechnic, Zimbabwe	
1520-1540	Framework for Higher Education Curriculum for Entrepreneurial Thinking to Drive Innovation	Livhuwani P Ramabulana University of Venda, South Africa	
1540-1600	Break (Tea/Coffee)		
1600-1620	The Implementation of Innovation and Industrialisation in Zimbabwean Tertiary Institutions	Mr Absolom Mutubuki Mutare Teachers College, Zimbabwe	

1620-1640	Leveraging X-Culture for Entrepreneurship Development: A review of its Impact on Scholars' Innovation and Business Skills	Thabo Khafiso, Sekoele Morris Ramajoe and Martina Moss Central University of Technology	
1640-1700	Assessment on the impact of TVET Research on Heritage based Innovations in Tertiary institutions: A case of a Polytechnic's Research and Development initiatives	Marandure Patricia and Shora Bruno Kwekwe Polytechnic, Zimbabwe	
1700-1720	Innovation and technology transfer for sustainable development. A study of tertiary education institutions in Bulawayo Metropolitan, Zimbabwe (2024-2025)	Patience Mutoredzanwa Bulawayo Polytechnic, Zimbabwe	
1720-	Announcements and Networking		All
1930-	Dinner @ the Boma		Ms B. Moyo & Mrs N Ntakana Bulawayo Polytechnic and University of Venda

Theme: Higher Education's Role in Industrialisation, Quintuple Public-Private Partnerships for Economic Growth

Session 2 @ Break Away Room 1

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
1400-1420	Exploring Strategies for Revitalising TVET in Zimbabwe to Promote Innovation and Industrialisation	Mufutumari.E, Murwira.S & Kuchidza, T Belvedere Technical Teachers College, Zimbabwe	Prof Armstrong Kadyamatimba, University of Venda, South Africa
1420-1440	Assessing the Impact of Higher Education Institutions on Industrial Growth and Development in Limpopo province, South Africa: Education for Economic Empowerment	Rannzida Hasandi and Rakgwata Phoke Alpha University of Venda, South Africa	
1440-1500	Technical and Vocational education's contribution to local and regional industrialisation – Curriculum redesign for industry-oriented training	Sungwa B.T. and Khumalo A.T. Kwekwe Polytechnic, Zimbabwe	
1500-1520	Industrialisation through natural resources and Global Justice: An African Ideological juxta position	Dr. Obadire OS University of Venda, South Africa	

1600-1620	College lecturers' perceptions on curriculum redesign for industry-oriented education and training: A case of a selected college in Harare, Zimbabwe	Dr Rodwell Kumbirai Wuta Belvedere Technical Teachers College, Zimbabwe	
1540-1600	Break (Tea/Coffee)		
1600-1620	Exploring the Challenges and Opportunities of E-Government Implementation in Thulamela Municipality: Implications of Higher Education's Role in Innovation and Industrialisation	Mokaba Rapelo University of Venda, South Africa	
1620-1640	The role of Higher Education in promoting Innovation and Entrepreneurship for Industrialisation	Nokukhanya Moyo Bulawayo Polytechnic, Zimbabwe	
1640-1700	An Exploration of Effective Modalities for Linking Research and Development in Enhancing Industrial Growth in Mutare Urban	Melsie Mlambo Mutare Polytechnic, Zimbabwe	
1700-	Announcements and Networking		
1930-	Dinner @ the Boma		Ms B. Moyo & Mrs N Ntakana Bulawayo Polytechnic and University of Venda

Theme: Higher Education for Sustainable Development

Session 2 @ Break-away Room 2

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
1400-1420	Students' perceptions of Indigenous knowledge context for endorsing science education for sustainable development	Mokganya Mokgaetji Georinah University of Venda, South Africa (Online)	Ms Y. E. Bergstrom Bulawayo Polytechnic, Zimbabwe
1420-1440	Innovation and industrialisation are key pivotal drivers of economic growth: Case point of one College in Manicaland	Dr Ruth Kutiwa and Mr Absolom Mutubuki Mutare Teachers College, Zimbabwe	
1440-1500	TVET Curriculum Development enhancement through Technology: Opportunities & Challenges: A case of Zimbabwean Polytechnics	Irvine Dube and Themba Phiri Masvingo Polytechnic, Zimbabwe	
1500-1520	Academic challenges encountered by engineering students in South African colleges: A Case study in Motheo TVET College	Thabo Khafiso ¹ and Sekoele Morris Ramajoe ² Central University of Technology, South Africa	

1520-1540	An Assessment of Climate Change Education in Polytechnics' TVETised Curriculum: A Case study of Engineering Disciplines	Muchesu Isaac and Ncube Musa Gweru Polytechnic, Zimbabwe	
1540-1600	Break (Tea/Coffee)		
1600-1620	Determination of Social Capital Factors for Sustainability towards Market Accessibility, among Citrus Resource Poor Farmers in South Africa, Multiple Linear Regression Analysis	Kau, J.S., Mmbengwa, V.M., and Swanepoel, J.W.	
1620-1640	Assess the feasibility and effectiveness of climate-resilient infrastructures in Higher Education Institutions (HEIs) in Manicaland	Martha Masunda Mutare Polytechnic, Zimbabwe	
1640-1700	Best Practices in Mitigating Human Security Risks among International Students in Higher Education Institutions	Nontlanhla Ntakana, Mfaniseni Mnguni & Mirero Makhado University of Venda, South Africa	
1700-1720	Textile waste management through community engagement: a Place-Based learning Approach	Florence Sebele and Lesley Wood and Adri Du Toit United College of Education, Zimbabwe	
1720-	Announcements and Networking		All
1930-	Dinner @ the Boma		Ms B. Moyo & Mrs N Ntakana Bulawayo Polytechnic and University of Venda

07 March 2025

Programme Directors: Mr Mlaleli Nsikani, Research and Innovation Officer & Mr Thabo Dikgale, Manager: Internationalisation, University of Venda

Time	Topic/Title	Presenter
0830-0845	Recap of the Day	Prof Lutendo Murulana, Deputy Dean Research and Post Graduate Studies, University of Venda
0845-0910	Reimagining Higher Education as a Catalyst for Innovation, Entrepreneurship, and Industrialisation in Africa	Dr Edwell Gumbo, Director, Entrepreneurship Development in Higher Education (EDHE) Universities South Africa
0910-0925	Question and Answers session	All
0925-0935	Working Tea/Coffee	

Theme: Innovation and Technology Transfer in Higher Education & Entrepreneurship, Innovation and Economic Development

Session 3 @ Indaba Conference Centre

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
0940-1000	Innovation and industrialisation are key pivotal drivers of economic growth: Case point of one College in Manicaland	Dr Ruth Kutiwa and Mr Absolom Mutubuki Mutare Teachers College, Zimbabwe	Mr M Sibanda Bulawayo Polytechnic, Zimbabwe
1000-1020	Promoting Technology Transfer between Tertiary Institutions and Industries (Case study of Mutare Polytechnic)	Judith Sigauke ¹ , Rudo Nyandima Zengeya ² Mutare Polytechnic, Zimbabwe	
1020-1040	Bridging the Skills Gap: An examination of academic programmes in aligning to the ever-changing industrial needs of South Africa	Rankakane NP and Morwe KG University of Venda, South Africa	
1040-1100	Commercialisation of Innovations: A Case study of Kwekwe Polytechnic	Christina Moyo and Theresa Mberikwazvo Kwekwe Polytechnic, Zimbabwe	
1100-1120	University Business collaborations	Dr. Simbarashe Kativhu & Prof. Vhonani Netshandama University of Venda, South Africa	
1120-1140	Exploring the Impact of Entrepreneurial Training on Women's Economic Empowerment in Gweru Urban Townships	Ophilia Nhunge Gweru Polytechnic, Zimbabwe	

Theme: Higher Education's Role in Industrialisation, Quintuple Public-Private Partnerships for Economic Growth

Session 4 @ Break Away room 1

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
1000-1020	The Role of Higher Education in Promoting Innovation and Entrepreneurship for Industrialisation	Tafadzwa V Sampindi Mutare Polytechnic, Zimbabwe	Prof Lutendo Murulana, University of Venda, South Africa
1020-1040	Fostering global citizenship through social entrepreneurship in higher education The Implementation of Innovation and Industrialisation in Zimbabwean Tertiary Institutions	Lefera M and Ndlovu C Central University of Technology, South Africa	
1040-1100	Assessing the state of inclusivity preparedness in TVET Institutions; Perspectives and Experiences of one TVET Institution in Manicaland	Pretty Chibangwa, Mutare Polytechnic, Zimbabwe	
1100-1120	Unlocking Economic Potential: The Synergy of Community, Industry and Technical Education for Sustainable Development: A Case of Bulawayo Polytechnic	Leonard Ruvengo Bulawayo Polytechnic, Zimbabwe	
1120-1140	The role of tertiary education institutions in enhancing sustainable entrepreneurship ecosystem in Zimbabwe: Challenges and Opportunities. A case of Mutare Polytechnic	Mundangepfupfu Gamuchirai & Michelle Murota Mutare Polytechnic, Zimbabwe	

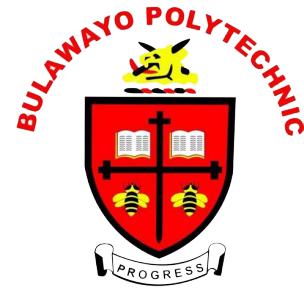
Theme: Higher Education for Sustainable Development

Session 3 @ Break Away room 2

Time	Topic/Title	Presenter/Authors	Chairperson/ Facilitator
0940-1000	Redesigning Engineering TVET curriculum in order to meet the demands of a green economy. The case of three TVET institutions in Zimbabwe	Dr Richard Nyika and Febbie Muzenda Gweru Polytechnic, Zimbabwe	Ms L. Moyo, Bulawayo Polytechnic, Zimbabwe
1000-1020	The Role of Higher Education Institutions (HEI) in Advancing Climate Change Awareness and Research in Manicaland	Simbarashe Chahweta Mutare Polytechnic, Zimbabwe	
1020-1040	Standardising Framework for the Ethical Use of AI Tools in higher education: Promoting Cognitive Development and Upholding Academic Integrity- Implications for policy and proactive consideration	Tshilidzi Diana Negota and Prof Lufuno Makhado University of Venda, South Africa	
1040-1100	Utilization Of Brewer's Spent Yeast As A Nutritional And Functional Additive In Burger Patties	Damascus Masawi, Soloman Manyere and Barabra Mashingaidze, Harare Polytechnic, Zimbabwe	
1100-1120	Biogas Production from Edible oil Production Waste	Sigauke, P; Mamvura,T; Danha, G Manicaland State University, Zimbabwe	
1120-1140	Gender and Technology	Shelta Majowa, Harare Polytechnic, Zimbabwe	

Closing Plenary Session @ Indaba Conference Centre

Time	Topic/Title	Presenter	Chairperson/ Facilitator
1150-1210	The Art of Translating Research Results into Products, Goods and Services	Prof J. M. Chifamba University of Zimbabwe-ADRIC, Zimbabwe	Dr Takalani Dzaga, Director: Marketing, Branding and Communication, University of Venda, South Africa
1210-1220	Question and Answers session	All	
1220-1230	Reflections by the Joint Conference Chairperson	Mr. D. Mhlanga Vice Principal, Training and Coordination	
1230-1240	Research/Academic Awards	Ms L Moyo and Ms N Ntakana Bulawayo Polytechnic & University of Venda	
1240-1250	Way Forward: Bulawayo Polytechnic and University of Venda Joint International Research Conference	Professor B. Nthambeleni, Vice-Chancellor and Principal, University of Venda	Mr D Mhlanga Joint Organising Committee Chairperson
1250-1300	Joint International Research Conference Closing Remarks	Mrs C. Masanganise Principal, Bulawayo Polytechnic	
1300-1400	Lunch		
1400-1600	Excursion-Visit to the Mosi O Tunya		
1630-1830	Sunset Cruise on the Mighty Zambezi - The Sundowner		



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