

# Mid-West University

Multidisciplinary International Conference

(MUMIC – 2026)

**Interdisciplinary Synergies for Sustainable  
Future in the Age of AI and Digital Transformation  
(Second Edition)**

**Planner**

**April 24-26, 2026 | Surkhet Nepal**



**Mid-West University**

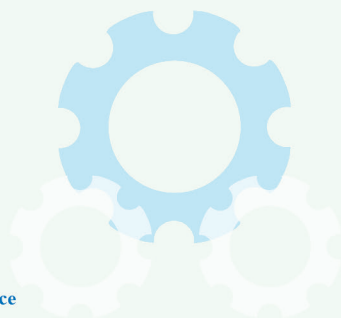
Surkhet, Karnali Province, Nepal

☎ 977 83 524681, 525333, 525444

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**Innovation | Inclusivity | Sustainability**



# **Personal Information**

Name: \_\_\_\_\_

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Date of Birth: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

Email ID: \_\_\_\_\_

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## **Other Information:**

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**Mid-West University**  
**Multidisciplinary International Conference**  
**(MUMIC–2026)**



**Jointly organized by**  
**Mid-West University (MU), Surkhet, Nepal**  
**www.mu.edu.np**  
**Birla Global University, India**  
**www.bgu.ac.in**

*"Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"*

**Venue: Mid-West University, Central Office, Surkhet, Nepal**

**Date: April 24–26, 2026**

**Meeting Link for Virtual**

<https://nren.zoom.us/j/96889825234?pwd=1kl0ipjTwVNolTrCa0z6WrCAOGI6YG.1>

**Meeting ID: 968 8982 5234**

**Passcode: 033263**

**Day 1: April 24, 2026 (Friday) – Opening & Core Dialogues**

| Time             | Session / Activity                                                                                                                                                   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00 – 09:00 AM | Arrival, Setup & Pre-Registration, Breakfast                                                                                                                         |
| 9:00 – 10:00 AM  | Inaugural Session                                                                                                                                                    |
| 10:00 – 11:00 AM | <b>Vice-Chancellors' Roundtable</b><br><i>Reimagining Higher Education in Nepal: Strategic leadership for Innovation, Sustainability and Digital Transformations</i> |
| 11:00 – 11:45 AM | Keynote - Prof. Dr. Susanne von der Heide<br><i>Progress of West- Nepal in the last 10 years with special emphasis on cultural heritage and tourism development</i>  |
| 11:45 – 1:00 PM  | Lunch Break                                                                                                                                                          |
| 01:00 – 03:00 PM | Technical Session I                                                                                                                                                  |
| 03:00 – 03:30 PM | Prominent Speech - Prof. Dr. Wolfgang Georg Arlt<br><i>AI within the framework of a Meaningful Tourism Economy in Nepal</i>                                          |
| 03:30 – 03:45PM  | High Tea                                                                                                                                                             |

| Time             | Session / Activity                                                                                                 |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| 03:45 – 05:15 PM | Technical Session II                                                                                               |
| 05:15 – 05:40 PM | Prominent Speech - Prof. Dr. Tirth Raj Khaniya<br><i>Integrating Science and Humanities for Human Wellbeing</i>    |
| 5:45- 6:30 PM    | <b>Panel Discussion</b><br><i>Connecting Policies and Practices for Sustainable Future of Education in Karnali</i> |
| 6:30 – 8: 30 PM  | Cultural meet/ Networking / Informal Interaction                                                                   |
| 8:30 PM          | Dinner                                                                                                             |

## Day 2: April 25, 2026 (Saturday) – Academic & Policy Engagement

| Time             | Session / Activity                                                                                                                                                                                                                                                                                                                                     |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:30 – 8:15 AM   | Breakfast                                                                                                                                                                                                                                                                                                                                              |
| 08:30 – 09:15 AM | <b>Keynote - Jonathan Rix</b><br><i>The promise of inclusion – A parent's view</i>                                                                                                                                                                                                                                                                     |
| 9:15– 10: 00 AM  | <b>Panel</b><br><i>Medicinal herbs, Yoga and Wellness Tourism: The Foundation and Roadmap for the prosperity of Karnali</i>                                                                                                                                                                                                                            |
| 10:00 – 12:30 PM | Technical Session III - Roundtable from UNICEF                                                                                                                                                                                                                                                                                                         |
| 12:30 – 1:00 AM  | Prominent Speech - Prof. Dr. Chandra Prasad Rijal<br><i>Human-Centered Digital Futures with Synergies: Building Trustworthy, Sustainable and Explainable AI for Society 6.0</i>                                                                                                                                                                        |
| 01:00 – 02:00 PM | Lunch Break                                                                                                                                                                                                                                                                                                                                            |
| 02:00 – 2:45 PM  | Panel Discussion (Emerging Scholars and Futuristic Perspectives)<br>कर्णाली सभ्यता, संस्कृति र साहित्य - (Mutu Hall)<br><i>Pedagogical Shift and Futuristic Perspectives in Education (B21)</i><br><i>Unlocking Karnali Potential: Building an Entrepreneurial Ecosystem(B13)</i><br><i>Biodiversity, livelihood and Human Wildlife Conflict (B11)</i> |
| 2:45 – 4:30 PM   | Technical Session IV                                                                                                                                                                                                                                                                                                                                   |

| Time             | Session / Activity                                                                                                                                   |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4:30 – 4:45 PM   | High Tea                                                                                                                                             |
| 4:30- 5:30 PM    | <b>Panel</b><br><i>Turning Brain Drain to Brain Gain- The role of Diaspora in Nepal's Economic Transformation</i>                                    |
| 4:45- 5:15 PM    | Prominent Speech Prof. Dr. Alean Al-Krenawi<br><i>The Mental Health of Syrian Refugee Adolescents in Jordan</i>                                      |
| 5:15- 5:45 PM    | Prominent Speech -Prof. Dr. Krishna Bista<br><i>Sustainable AI in Higher Education: Equity, Ethics, and the True Costs of Digital Transformation</i> |
| 05:45 – 06:30 PM | Featured Discourse II- Tapio Lahtero<br><i>Strategic Leadership and Change in Operating Environments</i>                                             |

### Day 3: April 26, 2026 (Sunday) – Inclusivity & Closing

| Time             | Session / Activity                                                                                                                                                            |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:30 – 8:15 AM   | Breakfast                                                                                                                                                                     |
| 8:30 – 09:15 AM  | Keynote – Prof. Dr. Basu Dev Kafle<br><i>Road to Inclusion: Challenges and prospects</i>                                                                                      |
| 9:15– 10: 00 AM  | <b>Panel</b><br><i>Practices and Prospects of Inclusive Education in Nepal</i>                                                                                                |
| 10:00 – 11:30 AM | Technical Session V                                                                                                                                                           |
| 11:30 – 12:00 AM | Prominent Speech – Prof. Rune Hausstätter<br><i>Towards a Radical Special Education in an age of Transformation</i>                                                           |
| 12:00 – 12:30 PM | Featured Discourse - Dr. M M Bagali<br><i>An Empirical Investigation of AI Penetration in Indian Enterprises: Mapping Technology Utilisation Across Organizational Levels</i> |
| 12:30 – 1:30 PM  | Lunch                                                                                                                                                                         |
| 1:30 – 2:15 PM   | <b>Panel</b><br><i>The Future of Digitalization in Karnali Province</i>                                                                                                       |

| Time           | Session / Activity                                                                                                                                                           |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2:15 – 2:45 PM | Featured Discourse- Johanna Kurki<br><i>Approaches to inclusive education practices in Finland</i>                                                                           |
| 2:45- 3:45     | <b>Panel</b><br>Inclusive Education: Policies, Practice and Bottlenecks                                                                                                      |
| 2:45- 3:15 PM  | Featured Discourse - Dr. Khartie Rao Manokaran<br><i>Navigating ESG-Driven Digital Transformation: Interdisciplinary Pathways for Sustainable Entrepreneurial Ecosystems</i> |
| 3:15 – 3:45PM  | Featured Discourse – Prof. Dr. Ramesh Das<br><i>Exploring the Income and Carbon Emission Nexus for the SAARC Countries</i>                                                   |
| 3:45- 4:15PM   | Featured Discourse – Save the Children                                                                                                                                       |
| 4:30-5:00 PM   | Valedictory Session                                                                                                                                                          |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

**Agriculture, Environment, Food Security, Medicine and Public Health**

April 24, 2026

### Technical Session I

Time: 1:00 PM- 3:00 PM

Venue : Graduate School of Agriculture and Forestry (B11)

Session chair: Prof. Chandeshawar Shreewastaw

Rapporteur: Ishwar Budhathoki

Session Facilitator: Madan Prasad Sapkota

Technical Support: Susma Thapa

| SN | Name                  | Title                                                                                                                                                                          |
|----|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Saif Siddiqui         | Climate Awareness and Millet Purchase Behavior                                                                                                                                 |
| 2  | Sanjita Pagal         | Impact of Climate Change, Energy Consumption and Cropland on Millet Yield in Asian Countries: An ARDL Approach                                                                 |
| 3  | D. Hezekiah Jorkeah   | Governing Ai Adoption in Liberia's Agricultural Sector a Pathway Toward Sustainable Industry 5.0 Transformation                                                                |
| 4  | Gaurab Dhakal         | Land Suitability Assessment for Cereal Crops by Using GIS-Based Multi-Criterion Approach in Naraharinath Rural Municipality of Kalikot District Nepal                          |
| 5  | Aasha K.C.            | Effect of Different Gibberellic Acid (GA3) and Calcium Chloride (CaCl <sub>2</sub> ) Dipping on Quality and Shelf Life of Tomato ( <i>Solanum lycopersicum</i> L.) in Lalitpur |
| 6  | Sunita Panthi         | Assessment of The Performance of Various Maize ( <i>Zea mays</i> L.) Varieties During Spring Season in Dailekh, Nepal                                                          |
| 7  | Govinda Bahadur Singh | Iconic Wild Animals of Barekot Rural Municipality, Jajarkot District                                                                                                           |

| SN | Name               | Title                                                                                                       |
|----|--------------------|-------------------------------------------------------------------------------------------------------------|
| 8  | Arun Timilsina     | Nonlinear Dynamics of Paddy Production in Nepal Under the Influence of Climatic and Input Factors           |
| 9  | Renuka Neupane     | Documentation of Ethnobotanical Knowledge in Karnali Province                                               |
| 10 | Pushpa Raj Acharya | Study on Beekeeping Enterprises at <i>Apis cerena</i> Beekeeping Pocket Zone, Lekbesi Municipality, Surkhet |
| 11 | Angat Neupane      | Prospects, Challenges, and Opportunities of Organic Agriculture in Nepal Evidence from Karnali Province     |



# Mid-West University Multidisciplinary International Conference (MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Education and Human Development

April 24, 2026

#### Technical Session I

Time: 1:00 PM- 3:00 PM

Venue : Graduate School Of Education (B21)

Sessionchair: Prof. Yam Bahadur Karki

Rapporteur: Naresh Koirala

Session Facilitator: Kalpana Paudel

Technical Support: Srijana Adhikari

| SN | Name                                                         | Title                                                                                                                                                                        |
|----|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Fakhrul Abedin<br>Tanvir                                     | Theoretical Examination of Teacher Leadership<br>and Professional Development in Bangladesh                                                                                  |
| 2  | Dammar Singh<br>Saud                                         | Digital Professional Development: Experience<br>of Nepali English Language Teachers                                                                                          |
| 3  | Binod Neupane<br>And Surendra<br>Bahadur Mahatara<br>Chhetry | Post-Graduate Student Perception and Practices<br>of Using AI Technology in Academic Writing: A<br>Study of Nepal                                                            |
| 4  | Deepak Thapa                                                 | Digital Colonialism and Inequalities in Remote<br>Higher Education Institutions in Nepal: A<br>Critical Case Study                                                           |
| 5  | Ganesh Gurung                                                | Nutritional Practice and Its Importance for<br>Preschool Children                                                                                                            |
| 6  | Subarna Kumar<br>Khadka                                      | A Study of Job Satisfaction Among Primary<br>School Teachers of Birendranagar Municipality<br>Surkhet, Nepal                                                                 |
| 7  | Arjun Jung<br>Rayamajhi                                      | Influence of Induction Training on Job<br>Satisfaction and Teaching Outcomes among<br>New English Language Teachers: A Mixed-<br>Methods Study of Community Schools in Nepal |

| SN | Name                    | Title                                                                                                         |
|----|-------------------------|---------------------------------------------------------------------------------------------------------------|
| 8  | Nar Bahadur Bist        | Evaluating an MEd ELT Teacher Development Course Using the CIPP Model: A Qualitative Case Study               |
| 9  | Chandra Prakash Acharya | Influence of Poverty and Gender on Human Development in Nepal                                                 |
| 10 | Nar Hari Acharya        | Higher Order Thinking Skills in Mathematics Instruction: A Systematic Literature Review                       |
| 11 | Chitra Bahadur Khatri   | Reimagining Flexibility in the Assessment System in Higher Education: Strategies and Educational Implications |
| 12 | Nirajan Bohara          | Exploring Reflective Practice for Professional Growth: Insights from Nepali English Teachers                  |
| 13 | Hari Jung Shah          | लोपोन्मुख मातृभाषी वदियार्थीको नेपाली भाषा सकिइका समस्या                                                      |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Humanities Social Science, Law, Policy and Governance

April 24, 2026

#### Technical Session I

Time: 1:00 PM- 3:00 PM

Venue : MUTU Hall (B31)

Sessionchair: Liladhar Tiwari

Rapporteur: Sarita Rana Chhetri

Session Facilitator: Kamala Tiwari

Technical Support : Simran Baraghare

| SN | Name                      | Title                                                                                                                                                           |
|----|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Sodip Roy                 | Political Adaptation of Climate-Induced Internally Displaced Population in Bangladesh: A Stakeholder-Based Analysis                                             |
| 2  | Saleem Abu Jaber          | Language, Belonging, and Identity: Naqqāsh's Literary Struggle                                                                                                  |
| 3  | Sirjana Budhathoki        | The Role of Radio in Disaster Management at Birendranagar, Surkhet, Nepal                                                                                       |
| 4  | Puspa Raj Hamal           | The Socio-Economic Impact of Youth Migration for Foreign Employment in Banke District                                                                           |
| 5  | Balkrishna Paudel         | Biodiversity Conservation Through Community Forest Practice: A Sociological Study of Srijana Community Forest, Surkhet, Nepal                                   |
| 6  | Radhika Paneru            | Social Stigma and Invisible Struggle during Menstruation                                                                                                        |
| 7  | Khagendra Prasad Adhikari | An Assessment of Menstrual Materials, Hygiene Facilities and Disposal Practices Among Girls and Women in the Raji Community of Nepal: A Social Work Perspective |
| 8  | Dr. Khopi Ram Oli Chhetri | विश्वेश्वरप्रसाद कोइरालाको तीन घुम्ती उपन्यासमा प्रगतिशीलता                                                                                                     |

| <b>SN</b> | <b>Name</b>             | <b>Title</b>                                                                 |
|-----------|-------------------------|------------------------------------------------------------------------------|
| 9         | Nischal Kandel          | Work life Balance of Nepalese Migrants in Denmark                            |
| 10        | Debaki Kafle            | Gendered Subjectivity in Virginia Woolf's A Room of One's Own                |
| 11        | Tej Bikram Basnet       | Social Media Usage and Voter Turnout: A Quantitative Study of Young Adults   |
| 12        | Aishwarya Prasad Dhakal | Impact of Tourism Education on Students Livelihood Sustainability Intentions |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Management, Economics and Entrepreneurship

April 24, 2026

#### Technical Session I

Time: 1:00 PM- 3:00 PM

Venue : Graduate School of Management (B13)

Sessionchair: Prof. Suvendu Kumar Pratihari

Rapporteur: Tika Kumari Thapa Magar

Session Facilitator: Harendra K.C.

Technical Support: Bhawana Shahi

| SN | Name                                 | Title                                                                                                                |
|----|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1  | Bikendra Dhakal                      | Assessing Cooperative Contributions to Economic Sustainability in Karnali Province, Nepal                            |
| 2  | Khodade Deepali Dattatray            | Tourism and Creative Economy for Regional Growth                                                                     |
| 3  | R U Megha; Kalpana Sahoo             | Is Energy Transition Ensuring Energy Security in India? An Empirical Perspective                                     |
| 4  | Iqbal Ahmad                          | The Influence of Fear of Missing Out (FOMO) on Shopping Motivation and Impulsive Buying Behavior Among Generation Z. |
| 5  | Biswajit Sarangi; Kabita Kumari Sahu | Examining the Relationship between E-Money and the Shadow Economy in India: An Econometric Study                     |
| 6  | Gurpreet Kaur                        | Impact of Innovation and Patents on Job Opportunities: Evidence from Indian Economy                                  |
| 7  | Bharat K.C                           | How Effective is NEA's Online Performance Appraised System? Insights From Qualitative Study                          |
| 8  | Amrit Shahi                          | Determinants of Financial Sustainability: A Systematic Review                                                        |

| SN | Name                  | Title                                                                                                    |
|----|-----------------------|----------------------------------------------------------------------------------------------------------|
| 9  | Atmaram Khatiwada     | An Evaluation of Management Accounting Adoption and Sophistication in Nepal's Public Trading Enterprises |
| 10 | Bhim Prasad Basdhyal  | Effect of Financial Literacy on Personal Financial Planning Management                                   |
| 11 | Esha Shrestha         | Decoding Gold Price Movements in Nepal: A Four-Year Arima Time Series Analysis Using R                   |
| 12 | Ramesh Prasad Ghimire | Seasonal Price Volatility and Short-Cycle Financial Stress: A 90-Day Evidence from Perishable Market     |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Science, Technology and Engineering

April 24, 2026

#### Technical Session I

Time: 1:00 PM- 3:00 PM

Venue : Graduate School of Engineering (B02)

Session chair: Pathum B Rathnayake

Rapporteur: Kalpana Regmi

Session Facilitator: Krishna Prasad Chapain

Technical Support: Manisha Bhurtel

| SN | Name                    | Title                                                                                                                       |
|----|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1  | Ramandeep Kaur          | Architecture and Evaluation of a Scalable Platform for Student Project Coordination and Status Monitoring                   |
| 2  | Tapas Kumar Rout        | Impact of Green Finance on Economic Growth and Environmental Quality: An Econometrics Analysis                              |
| 3  | Sukhmant Kour           | Design and Implementation of a Spotify-Inspired Music Streaming Platform: A React.js-Based Web Application                  |
| 4  | Sukhmant Kour           | A Comprehensive Analysis of Scalability Solutions and Security Frameworks in Modern Blockchain-based Cryptocurrency Systems |
| 5  | Youba Raj Poudyal       | Design and Implementation of an IoT-Enabled Seismometer-Based Earthquake Early Warning System for Nepal                     |
| 6  | Hikmat Rokaya           | Enhancing E-Governance in Nepal: An AI-Driven Framework for Trust, Transparency, and Efficiency                             |
| 7  | Trishna Goswami (Yadav) | Antidiabetic potential of extract of <i>Berberis</i> species- <i>Berberis mucrifolia</i> endemic to Nepal                   |

| SN | Name                                                            | Title                                                                                                                                                       |
|----|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Shiva Prasad Baral                                              | Analysis of Pressure-Induced Valence Changes of Praseodymium in Praseodymium Monochalcogenides                                                              |
| 9  | Sushila Shahi                                                   | Smart Technology Adoption for Sustainable Construction in Nepal: Barriers, Organizational Perspectives, and Strategic Directions                            |
| 10 | Hari Narayan Ray Yadav                                          | Electric Vehicle Charging Station Locator Using GIS-Based Network Modeling, Graph Optimization, and Shortest Path Algorithms for Sustainable Urban Mobility |
| 11 | Prem Prakash Kaphle*; Narayan Prasad Pahari; Gyan Prasad Paudel | Generalized Form of Difference Sequence Space of Fuzzy Real Number                                                                                          |
| 12 | Dharma Raj Paudel                                               | Computational Discovery of TUBB3 Inhibitors from Yarsagumba-Derived Compounds Using Machine Learning and Molecular Simulations                              |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

**Agriculture, Environment, Food Security, Medicine And Public Health**  
April 24, 2026

### Technical Session II

Time: 3:45 PM- 5:15 PM

Venue: Graduate School Of Agriculture (B11)

Sessionchair: Karan Singh Dhami

Rapporteur: Laxmi Kumari Shahi

Session Facilitator: Hari Subedi

Technical Support: Shiwani Karki

| SN | Name             | Title                                                                                                                                                          |
|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Shankar Neupane  | The Effect of Climate Change in Agriculture and Local Germplasm in Nepal                                                                                       |
| 2  | Nishi Gupta      | AI-Assisted Soil Restoration Using Controlled-Release Glass Matrix Fertilizers                                                                                 |
| 3  | Elisha Upadhyaya | Molecular Characterization of <i>Candidatus</i> Liberibacter Asiaticus Causing Haunglongbing Disease in Nepal: Pathogen Load Determination and Strain Identity |
| 4  | Sunil Regmi      | Molecular Characterization and Toxin Gene Diversity of Indigenous <i>Bacillus thuringiensis</i> Isolates from Diverse Ecological Niches in Nepal               |
| 5  | Madan Acharya    | Habitat and Anthropogenic Determinants of Otter Presence in the Karnali River, Western Nepal                                                                   |
| 6  | Hom Nath Pathak  | Habitat and Anthropogenic Determinants of Otter Presence in the Karnali River, Western Nepal                                                                   |

| <b>SN</b> | <b>Name</b>                                                  | <b>Title</b>                                                                                                    |
|-----------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 7         | Tikaram Acharya                                              | Status of Solid Waste Management Practices: A Study of Birendranagar Municipality-10, Surkhet, Nepal            |
| 8         | Suman Regmi                                                  | Effect of Botanical and Bioagents Against Powdery Mildew of Garden Pea: A Review                                |
| 9         | Sher Bahadur Shrestha                                        | Rangelands of Karnali: Status, Values, and Trends                                                               |
| 10        | Rajendra Basaula;<br>Hari Prasad Sharma<br>and Kumar Sapkota | Effects of Invasive Water Hyacinth on Fish Diversity and Abundance in the Lake Cluster of Pokhara Valley, Nepal |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Education and Human Development

April 24, 2026

#### Technical Session II

Time: 3:45 PM- 5:15 PM

Venue : Graduate School Of Education (B21)

Sessionchair : Prem Kumari Dhakal

Rapporteur: Dewani Thapa Magar

Session Facilitator: Krishna Prasad Sharma

Technical Support: Gagan Khatri

| SN | Name                                                  | Title                                                                                                                                 |
|----|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Hem Lal Dhungana                                      | Steam Education: A Rapid Review                                                                                                       |
| 2  | Parveen Tyagi                                         | Computational Foundations for Personalized Yoga Practice                                                                              |
| 3  | Pramod Subedi                                         | English Medium Instructions in Social Studies: Teacher and Student Perceptions and Practices                                          |
| 4  | Ramesh Khatri                                         | Exploring Teachers' Pedagogical Use of Smartphones in ELT Classrooms in Nepal                                                         |
| 5  | Harsh Bahadur Chand                                   | Exploring Difficulties in Proof Comprehension in Real Analysis among Students of Undergraduate Mathematics Education in Western Nepal |
| 6  | Gopal B.C.                                            | Cognitive, Motivational, and Pedagogical Factors Influencing Effective Teaching and Learning in Math Education                        |
| 7  | Bishnu Prasad Pokharel                                | Higher Education Transformation in Nepal: Global Trends, National Policy Status, and Way Forward                                      |
| 8  | Jasbir Roka                                           | Reframing The Mathematics Teacher Shortage in Secondary Schools: Insights from Karnali Province, Nepal                                |
| 9  | Kishore Bohara                                        | Comparison of Physical Fitness Between Rural and Urban Students in Bardiya District                                                   |
| 10 | Ram Chandra Giri                                      | Coloniality and Implementation of Inclusion in Nepal                                                                                  |
| 11 | Dilli Ram Paudel; Krishna Bahadur Thapa*; Anita Bindu | Teachers and Students Perception and Support Strategies for Promoting Peer Relationship in Integrated Schools                         |

# Mid-West University Multidisciplinary International Conference



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## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Humanities Social Science , Law, Policy and Governance

April 24, 2026

#### Technical Session II

Time: 3:45 PM- 5:15 PM

Venue : MUTU Hall (B31)

Sessionchair : Ananda Prasad Subedi

Rapporteur: Anjana Budha Chhetri

Session Facilitator: Bed Prakash Dhakal

Technical Support: Prashant Gautam

| SN | Name                   | Title                                                                                           |
|----|------------------------|-------------------------------------------------------------------------------------------------|
| 1  | Janak B.C.             | How Beautiful We Were: Postcolonial Reflection on Eco-Colonialism in Nepal's Tiger Conservation |
| 2  | Chhetra Mani Timilsena | Romantic Ecology and Environmental Wisdom in William Wordsworth, The Tables Turned              |
| 3  | Chhabita Sharma        | Ideological Resistance in Human Acts by Hang Kang                                               |
| 4  | Lok Bahadur Oli        | The Impact of Community-Based Livelihood Development Programs on Women's Empowerment            |
| 5  | Buddi Prasad Gautam    | Education and Evolution of Women's Lifestyles in the Badi Community of Rukum-West, Nepal        |
| 6  | Upendra Bahadur B.K.   | Cross-Border Movement and Labor Migration: A Discourse                                          |
| 7  | Dhanush Chandra Pathak | Local vs. Western Approaches: Preventing Relapse Among Youth with Substance Use Disorders       |
| 8  | Ravi Lal Bhatta        | Comprehensive Cultural representation of Raute Community: An Ethnographic study                 |
| 9  | Bikesh Yadav           | NGOs and Disaster in Nepal: Current Scenario and Prospects                                      |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Management, Economics and Entrepreneurship

April 24, 2026

#### Technical Session II

Time: 3:45 PM-5:15 PM

Venue : Graduate School of Management (B13)

Sessionchair : Purna Man Shrestha

Rapporteur: Bhawana Khadka

Session Facilitator: Bhim Bahadur Khadka

Technical Support: Tulsi Timilsena

| SN | Name                | Title                                                                                                                                                   |
|----|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Nema Thapa          | An Assessment of Managerial Effectiveness in Organizations: A Study of Karnali Province, Nepal                                                          |
| 2  | Prabhat Thapa       | The Influence of Nepali Culture on HRM Practices                                                                                                        |
| 3  | Keshab Man Shrestha | Role of Financial Literacy on Personal Savings and Retirement Planning among Employed People: Evidence from Karnali Province, Nepal                     |
| 4  | Govinda K.C.        | From Community Forest Management to Local Economic Development: Economic Impact of Bhairav Community Forest, Surkhet                                    |
| 5  | Sapana G.C.         | Impact of Social Media on Consumer Buying Behavior in Kathmandu Valley                                                                                  |
| 6  | Daniel Baramu       | Fostering Sustainable Organizational Performance through AI-Driven Digital Transformation: Mediating Role of Adaptive Leadership and Innovation Culture |
| 7  | Keshab Kc           | Digital Financial Inclusion and Youth Entrepreneurs in Emerging Economies: Challenges for Investment and Risk Management                                |
| 8  | Shiva Gautam        | Green Banking Practices and Perceived Performance of Commercial Banks in Nepal                                                                          |

| SN | Name                 | Title                                                                                                           |
|----|----------------------|-----------------------------------------------------------------------------------------------------------------|
| 9  | Tila Acharya         | Influence of Sustainable Finance Literacy and Risk Perception on Investment Decision among Individual Investors |
| 10 | Hasta Bahadur Pulami | Accounting Competence and Entrepreneurial Performance: Mediating Role of Incubation and Intention in Karnali    |
| 11 | Ganesh Prasad Sharma | Turnover Intention in the Hotel Industry in Nawalparasi District, Nepal                                         |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Science, Technology and Engineering

April 24, 2026

#### Technical Session II

Time: 3:45 PM- 5:15 PM

Venue : Graduate School of Engineering (B02)

Sessionchair : Dipak Raj Adhikari

Rapporteur: Naresh Koirala

Session Facilitator: Vijaya Pandit

Technical Support : Anju Upadhyaya

| SN | Name                              | Title                                                                                                                                 |
|----|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Gyan Prasad Paudel                | A Study of Sequence Spaces Defined by Statistical Convergence of Fuzzy Numbers                                                        |
| 2  | Bikram Singh Mandir               | Wild Mammal Survey at Buffer Zone of Banke National Park                                                                              |
| 3  | Laxmi Prasad Acharya              | Identification Fisherman, Fishing Practices and Fish Diversity at Chhedagad and Rimna Bazar Jajarkot                                  |
| 4  | Panch Dev Bhatta                  | Cross-Dataset Performance and Efficiency Analysis of CNN and Transfer Learning Models for Pneumonia Detection from Chest X-Ray Images |
| 5  | Nabin Kumar Yadav                 | AI-Enabled Predictive Analytics for Climate-Resilient Decentralized Renewable Energy Systems in Rural Nepal                           |
| 6  | Trishna KC                        | Application of Building Information Modeling (BIM) for Enhancing Sustainability in Hydropower Projects                                |
| 7  | Yubraj Subedi                     | Western Nepal Seismic Network: History, Modernization, and Earthquake Preparedness                                                    |
| 8  | Ashok Chaudhary And Uttam Neupane | Modelling Infrastructure-Driven Land Use and Land Cover Change for Sustainable Planning                                               |

| SN | Name            | Title                                                                                            |
|----|-----------------|--------------------------------------------------------------------------------------------------|
| 9  | Jay Ram Panthi  | Multi-Hazard Risk Assessment and Mapping of Darma Rural Municipality, Salyan, Nepal              |
| 10 | Ghazala Khatoon | Exploring the AI-Enabled Management Information Systems in School Administration: A Review Paper |
| 11 | Anjali Bhardwaj | Integrating Augmented Reality in Secondary Science Education: Effects on Academic Achievement    |
| 12 | Chintan Timsina | Recent Seismicity of Western Nepal: Patterns, Impacts, and Hazard Implications                   |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)

**"Interdisciplinary Synergies for a Sustainable  
Future in the Age of AI and Digital Transformation"**



## **Agriculture, Environment, Food Security , Medicine And Public Health**

April 25, 2026

### **Technical Session III**

Time: 10:00 AM- 12:30 PM

Venue : Graduate School Of Agriculture (B11)

Sessionchair

Prof. Narayan Prasad Paudel

Rapporteur: Dipendra Chaudhary

Session Facilitator: Tilak Pandey

Technical Support: Sakuntala Neupane

| SN | Name                | Title                                                                                                                        |
|----|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1  | Safiha Ayman        | A Passive, Offline AI-Based Crisis Detection and Intervention Framework for Mental Health Safety Using Everyday Devices      |
| 2  | Ziya Sharma         | Nutrition and Its Role in Preventing Chronic Diseases                                                                        |
| 3  | Dabal Bahadur Dhami | Use of Mobile and Web Application KoboToolbox/KoboCollect for Community Health Diagnosis in Remote Nepal: Experience Sharing |
| 4  | Amrullah Shidiki    | Prevalence of Inducible Clindamycin Resistance in Staphylococcus Aureus Isolated from Clinical Samples                       |
| 5  | Himal Gaire         | Policy Effects on Mental Health and Psychosocial Strategy of Karnali Province in Nepal                                       |
| 6  | Pushpa Raj Acharya  | Bats, Virus and Human Communities: Safe Living Guideline                                                                     |

| SN | Name                                               | Title                                                                                                                                                        |
|----|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7  | Nashir Mulla                                       | Multicentric Phenotypic Resistance Profiling of Uropathogenic <i>Escherichia coli</i> in Janakpurdham, Nepal                                                 |
| 8  | Kuseshwar Yadav                                    | Lived Experience on Breathing Technique Used for Symptom Management among Individuals with Asthma                                                            |
| 9  | Rakesh Kumar Mallik                                | Clinical Burden and Antimicrobial Resistance Profiles of Uropathogenic <i>Klebsiella Pneumoniae</i> in the Terai Region of Nepal: A Cross-Sectional Analysis |
| 10 | Megha Raj Sapkota & Poonam Pokhrel                 | Prevalence of Self-Medication among College Students of Chitwan, Nepal                                                                                       |
| 11 | Nivedita Sharma; Shalini Sharma                    | Application of Virtual Reality in Pain Management: A Randomized Controlled Trial                                                                             |
| 12 | Suja Maharjan                                      | Promising Realm for Managing Antimicrobial Resistance against Dam Gene of <i>Salmonella Typhimurium</i> (LT2): An In-silico Approach                         |
| 13 | Bishnu Adhikari; Bishnu Prasad Aryal; Yuvraj Regmi | Comparison of Deferasirox Orodispersible Tablets with Different Superdisintegrants                                                                           |
| 14 | Susmita Baniya                                     | Knowledge and Awareness Regarding Postnatal Danger Signs Among the Mothers of Surkhet                                                                        |
| 15 | Tika Ram Aryal                                     | Status of Medicinal Mushrooms in Nepal                                                                                                                       |
| 16 | Pallavi Sthapit                                    | Purification and Characterization of a Bacteriocin Produced by <i>Bacillus</i> Species Isolated from Soil Sample                                             |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Education and Human Development

April 25, 2026

#### Technical Session III

Time: 10:00 AM- 12:30 PM

Venue : Graduate School Of Education (B21)

Sessionchair : Yagya Raj Pandey

Rapporteur: Prakash Subedi

Session Facilitator: Dipak Kumar Thapa

Technical Support: Basnat Kafle

| SN | Name                                   | Title                                                                                                                          |
|----|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1  | Tilak Bahadur Khatri;<br>Bishnu Khanal | A Pilot Study on the Content Validation of a 21st Century Skill Measurement Scale                                              |
| 2  | Indra Kumari Oli                       | Professional Development of Female English Language Teachers in Nepal: Opportunities Challenges and Strategies                 |
| 3  | Parbati Pangali                        | Teaching-Learning Experiences Through ICT                                                                                      |
| 4  | Shyam Kumar Thapa<br>Magar             | Revisiting Code-Switching in English Language Teaching: Insights from Teachers and Students in Multilingual Classrooms         |
| 5  | Bhim Bahadur Rokaya                    | Exploring the Role of Medium of Instruction in School-Level Mathematics Learning                                               |
| 6  | Sarada Kumari Shahi                    | सहकारी संस्थामा महिला सहभागिता, समावेशी शिक्षा र सामूहिक आर्थिक सशक्तीकरण: एक घटना अध्ययन                                      |
| 7  | Prem Kumari Dhakal                     | Students Enrolment and Dropout Status at Undergraduate Level Mathematics in Karnali Province of Nepal: Causes and Consequences |
| 8  | Nathu Ram Chaudhary                    | Exploring the Knowledge and Practices of Digital Technology in Higher Education: A Case of Far Western University              |

| SN | Name                                                               | Title                                                                                                                                               |
|----|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 9  | Atma Ram Bhattarai                                                 | Educational Values of <i>Triguna Prakriti</i> in The <i>Bhagavad Geeta</i> : Implications For Moral and Holistic Development Of School-Age Children |
| 10 | Ram Prasad Kandel                                                  | कक्षा दसमा अध्ययनरत विद्यार्थीको कविता सिर्जनात्मक क्षमता                                                                                           |
| 11 | Radha Acharya                                                      | Digital Health Transformation and Population Well-Being: A Systematic Review                                                                        |
| 12 | Nanimaya Rana                                                      | सिमातित अस्मिता कथामा उदार नारीवाद                                                                                                                  |
| 13 | Cristelyn Sharna Christy; Khartie Rao Manokaran; Shantini Nalaraja | Social Stratification of AI Use How AI Bots Shape Students' Academic Experience                                                                     |
| 14 | मधुकला जैसी                                                        | बहुभाषिक परिवेशमा नेपाली भाषा लेखन: थारुभाषी विद्यार्थीहरूको वर्णविन्यासगत त्रुटी विश्लेषण                                                          |
| 15 | Laxmi Sharma                                                       | Driving Green Culture in schools: Stakeholders' Experiences on Role of Digital Leadership and Knowledge-Sharing Culture                             |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

**Humanities Social Science , Law, Policy and Governance**

April 25, 2026

### Technical Session III

Time: 10:00 AM- 12:30 PM

Venue : MUTU Hall (B31)

Sessionchair : Resham Bahadur Bist

Rapporteur: Dewani Thapa

Session Facilitator: Dhanus Pathak

Technical Support: Meshak Gurung

| SN | Name                   | Title                                                                                                                 |
|----|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1  | Yamuna Sharma          | Impact of Social Media Use on Socialization among Higher Secondary Level Students in Surkhet                          |
| 2  | Rebecca Baral          | Awareness of Musahar Community on Sanitation and Hygiene: A Case Study of Aurahi Village of Mahottari District, Nepal |
| 3  | Shanti B.K.            | Status and Challenges of Pocket Waste Management: A Study of Birendranagar Municipality - Ward Eight                  |
| 4  | Hemsagar Timsina       | Prospects and Challenges of Plastic Waste Management: A Case Study of Birendranagar Municipality                      |
| 5  | Nikita Kathayat        | Self-initiative Marriage and Its Impacts: A Study of Birendranagar Municipality - Ward Eight                          |
| 6  | Sushant Khadka Chhetri | Social Workers' Perspectives on Sexuality: Evidence from Undergraduate Students in Nepal                              |
| 7  | Pitambar Dhoj Khadka   | The Dream of a Socialism Oriented Society in Nepal: Discrepancy between Rhetoric and Reality in Political Practices   |
| 8  | Rachana Sunar          | Psychological Impact of COVID-19 on Secondary School Children                                                         |

| SN | Name                            | Title                                                                                                                                  |
|----|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 9  | Upendra Prasad Acharya          | Trend and Socio-Cultural Determinants of Suicide in Karnali Province, Nepal.                                                           |
| 10 | Hari Chandra Kamali             | Global Call for a Universal Culture: The Bhagavad Geeta Perspective                                                                    |
| 11 | Tribhuwan B.C.                  | Kankrebihar as a Living Heritage Site: Cultural Knowledge Transmission, Conservation, and Sustainable Tourism in Surkhet Valley, Nepal |
| 12 | Bed Prakash Dhakal              | Global Leadership Readiness Assessment for Digitalization and Automation of Higher Education Systems, Institutions, and Processes (L2) |
| 13 | Yubaraj Sharma; Dipendra Sharma | जुनी कम्युनको स्थापना, विकास र अवसान                                                                                                   |
| 14 | Liladhar Tiwari                 | Artificial Intelligence for Institutional Strengthening and Sustainable Rural Development in Nepal                                     |
| 15 | Hari Prasad Upadhyaya           | Human Consciousness in the Age of AI: A Yogic Framework for Sustainable and Ethical Global Transformation                              |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Management, Economics and Entrepreneurship

April 25, 2026

#### Technical Session III

Time: 10:00 AM- 12:30 PM

Venue : Graduate School of Management (B13)

Session chair: Prof. Nandita Bhattacharjee

Rapporteur: Susma Thapa

Session Facilitator: Amar Rokaya

Technical Support : Srijana Adhikari

| SN | Name                   | Title                                                                                                                                                |
|----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Dillu Prasad Dhungana  | Digital Marketing and Sustainable Tourism Development: A Systematic Review                                                                           |
| 2  | Bishnu Prasad Bhandari | Impact of Microeconomic Indicators on Nepal Stock Exchange (NEPSE) Index                                                                             |
| 3  | Ashish Thapa           | Effects of Financial Technology and Digital Marketing on Business Sustainability: Mediating Role of Financial Performance                            |
| 4  | Dilip Jung Shahi       | Influence of Digitalization on Customer Satisfaction: A Study of Technology-Driven Customer Experience in Financial Institutions of Karnali Province |
| 5  | Prem Bahadur Singh     | Accounting Information System and Organizational Performance in Nepali Commercial Banks                                                              |
| 6  | Tanka Bahadur Rawat    | Dividend Policy and Stock Price Volatility of Commercial Banks: An Empirical Study                                                                   |
| 7  | Ujjwal Adhikari        | Human Dimension of Banking Consolidation: Job Satisfaction and Organizational Trust in Nepalese Commercial Banks                                     |

| SN | Name                            | Title                                                                                                                                |
|----|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Shahas Sharma Ghimire           | Digitization in Taxation and Tax Compliance: An Empirical Study of Butwal Sub-Metropolitan City                                      |
| 9  | Mahesh Rana; Purna Man Shrestha | Predictors of Investment Intention in the Nepalese Stock Market: An Extension of Theory of Planned Behaviors                         |
| 10 | Khem Raj Subedi                 | Energy Consumption and Economic Growth Dynamics in Nepal: Evidence from Time Series Analysis                                         |
| 11 | Harendar K.C.                   | The Mediating Role of Work Engagement Between the Effect of Work-Life Balance on Employee Productivity                               |
| 12 | Rheet Rijal                     | Determinants of Fire Insurance Claim Acceptance in Nepal's Financial Institutions                                                    |
| 13 | Ramesh Prasad Gautam            | Effect of Quality of Work Life on Employees' Turnover Intention in Commercial Banks: The Mediating Role of Organizational Commitment |
| 14 | Sapana Ramdam; Sunil Pokharel   | HRM Practices and Organizational Performance in Nepalese Commercial Banks                                                            |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Science, Technology and Engineering

April 25, 2026

#### Technical Session III

Time: 10:00 AM- 12:30 PM

Venue : Graduate School of Engineering (B02)

Sessionchair : Prof. Sanjaya Kumar Kuanar

Rapporteur: Sarita Chhetri

Session Facilitator: Dikpal Shahi

Technical Coordinator: Simran Baraghare

| SN | Name                  | Title                                                                                                                         |
|----|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1  | Tarani Prasad Yadav   | Structural, Electronic and Magnetic Properties of Chiral CuO Nanotube: First Principle Study                                  |
| 2  | Prakash Ban           | Mesoporous EDTA Derived Carbon Imbued Bimetallic Oxide Nanoparticle for Electrochemical Water Splitting Applications          |
| 3  | Krishna Prasad Chapai | Electronic and Magnetic Properties of Crbr3 Monolayer and Its Janus Structure: An <i>Ab Initio</i> Study                      |
| 4  | Buddhi Raj Joshi      | Geospatial Integration of Landslide Susceptibility and Road Networks Vulnerability in Mountainous Terrain                     |
| 5  | Pravin Rana           | Transformer Based Multi-Class Classification of Hate Speech in Nepali Political Discourse                                     |
| 6  | Tarun Chaudhary       | Elucidation of Electronic and Biological Properties of Molecules and Protein-ligand Interaction by Quantum Mechanical Methods |
| 7  | Raju Panday           | Recent Development of Human DNA Profiling in Nepal                                                                            |

| SN | Name                                                | Title                                                                                                                                               |
|----|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Prakash Baral                                       | Environment Susceptibility and Sustainability a Major Challenge in Rural Road of Kaski, Nepal (A Case Study of Methlang-Gyarjati Rural Road, Kaski) |
| 9  | Pooja Yadav                                         | Zero-Shot Learning for Smart Devices in Unseen Environments                                                                                         |
| 10 | Vijay Kumar Pandit                                  | Strength of Concrete by Partial Replacement of Cement by Hypo Sludge, GGBS, and Sand by Crushed Concrete                                            |
| 11 | Savita Dhungana;<br>Anita Ramjali;<br>Laxmi Khadka  | In-vitro Conservation of Orchid and Quot; Aerides odorata and Quot                                                                                  |
| 12 | Sarita Timilsena;<br>Pratibha Paudel                | First-Principle Study of Structural, Electronic and Magnetic Properties of Half-Heusler                                                             |
| 13 | Moti Prasad Giri;<br>Dinesh Panthi;<br>Kanhaiya Jha | Some Application of Vedic Methods with Modern Mathematics                                                                                           |
| 14 | Jubayer Ahamed                                      | Bridging the Gap: A Hybrid Software Development Model Integrating Waterfall and Agile                                                               |



# Mid-West University Multidisciplinary International Conference (MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Education and Human Development

April 25, 2026

#### Technical Session IV

Time: 2:45 PM- 4:30 PM

Venue : Graduate School Of Education (B21)

Sessionchair : Prof. Binod Basyal

Rapporteur: Tika Kumari Thapa Magar

Session Facilitator: Ram Prasad Kandel

Technical Coordinator: Bhavana Shahi

| SN | Name                                                                          | Title                                                                                                |
|----|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1  | Kalpana Poudel                                                                | Significance of Soft Skills in Professional Development Programs at Mid-West University              |
| 2  | Minraj Adhikari,<br>Anuradha Acharya,<br>Milan<br>Acharya, Sudarshan<br>Rijal | Premarital Sexual Behavior and Time Spent in Study among University Students of Kathmandu Valley     |
| 3  | Laxman Basnet                                                                 | Mathematical Modeling of STREAME Education for Educational Integration                               |
| 4  | Bhavana Basnet                                                                | English Teachers' Professional Development in Gurukul and General Schools in Karnali Province, Nepal |
| 5  | Laxmi Acharya;<br>Bhupendra Bc                                                | कक्षा ११ को नेपाली भाषापाठ्यपुस्तकमा पर्यावरणीय चेतना                                                |
| 6  | Sapana Pradhan                                                                | The Impact of Social Media in Teaching Learning Activities in a University                           |
| 7  | Chhaya Kumari<br>Pathak                                                       | Community School Teacher Experience on Implementing Integrated Curriculum in Nepal                   |

| SN | Name                    | Title                                                                                                                     |
|----|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 8  | Bhupendra Bahadur Shahi | Connection of Theory, Philosophy, and Pedagogy                                                                            |
| 9  | द्रोणलताखत्री           | आधुनिक नेपाली एकभाषी कोशमा प्रविष्टिविधान                                                                                 |
| 10 | विष्णुप्रसाद कँडेल      | नेपाली चलचित्र र रङ्गमञ्च : डिजिटल प्रविधि र प्रत्यक्ष प्रस्तुति                                                          |
| 11 | Dipendra Kumar Khatri   | Exploring Experiences of Secondary Level English Teachers in Multilingual Classroom: A Narrative of Tharu Native Speakers |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Humanities Social Science , Law, Policy and Governance

April 25, 2026

#### Technical Session IV

Time: 2:45 PM- 4:30 PM

Venue : MUTU Hall (B31)

Sessionchair : Sushil Kumar Shahi

Rapporteur: Kalpana Regmi

Session Facilitator: Chhabita Sharma

Technical Coordinator: Manisha Bhurtel

| SN | Name                         | Title                                                                                                              |
|----|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1  | Krishna Prasad Sharma Chapai | Impact of Technology Use in Students' Academic Procrastination at the Secondary Level                              |
| 2  | Raj Kumar Acharya            | Drug Trafficking in Nepal: Challenges and Social Impacts                                                           |
| 3  | Veetihotra Vasishtha         | Sustainable Development and Women's Empowerment: The Role of Microfinance Institutions in Birendranagar, Surkhet.  |
| 4  | Anuradha Rokaya              | No Violet Bulawayo's We Need New Names: Surviving Neocolonialism through Hybridity and Ambivalence                 |
| 5  | Laxmi Sharma                 | Secondary Level Teachers' Perception and Practices of Flipped Learning in Nepal: A Narrative Inquiry               |
| 6  | Santosh Bhandari             | Dream Deferred: Unraveling the Illusions and Realities of the American Dream in John Steinbeck's 'Of Mice and Men' |
| 7  | Meelan Karki                 | Women's Political Participation and Inclusive Governance; Key Pathway to Sustainable Social Transformation         |

| SN | Name                           | Title                                                                                                                     |
|----|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 8  | Lokendra Prasad Dahal          | Prevalence of School Bullying: A Case Study of Birendranagar Municipality                                                 |
| 9  | Resham Bahadur Bist            | Pedagogical Perspectives on Literature in EFL Classes of Nepali Schools                                                   |
| 10 | Maya Ram Kafle                 | Collaboration and Socialization: Teenage Students' Experiences of Online Video Games                                      |
| 11 | I. R. Nadeeka Sandamali Pieris | Indigenous Feminist Voice in Transition: Culture, Testimonio, and Digital Identity in I, Rigoberta Menchu                 |
| 12 | H. P. I. Nadeeshani            | Patriarchy, Gendered Structural Inequalities, and Sustainable Development: A Study of Up-Country Tamil Women in Sri Lanka |



# Mid-West University Multidisciplinary International Conference (MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Management, Economics and Entrepreneurship

April 25, 2026

#### Technical Session IV

Time: 2:45 PM- 4:30 PM

Venue : Graduate School of Management (B13)

Session chair: Prof. Chandra Prasad Rijal

Rapporteur: Laxmi Kumari Shahi

Session Facilitator: Govinda K.C

Technical Support: Shivani karki

| SN | Name                                                                               | Title                                                                                                                                     |
|----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Dinesh Kumar Pant                                                                  | Workplace Environment and Employee Performance: The Mediating Role of Motivation (A Study of Insurance Sector in Karnali Province, Nepal) |
| 2  | Manoj Paudel                                                                       | Effect of Employee Motivation and Engagement on Job Performance: Mediating Role of Job Satisfaction                                       |
| 3  | Bhakta Bahadur Bhandari                                                            | Opportunities and Challenges in Implementing Fiscal Federalism in Nepal: Local Government Official Perception                             |
| 4  | Chakra Prasad Dhungana                                                             | Impact of Tax Literacy on Compliance Costs: Evidence from Small Taxpayers                                                                 |
| 5  | Sadhana Adhikari; Sunina Adhikari; Subina Bhatta; Aarati Bhattarai; Sunil Pokharel | Impact of Digital Financial Literacy on Financial Decision-Making among Women: Evidence from Nepal                                        |

| SN | Name                                                            | Title                                                                                                                              |
|----|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 6  | Ashmita Pandey                                                  | Digital Fields to Digital Markets: Unlocking E-Commerce as a Catalyst for Inclusive Rural and Agricultural Transformation in Nepal |
| 7  | Sanjaya Yogi                                                    | Impact of ChatGPT Usage Intensity on Independent Learning Behavior among Business Students in Nepal                                |
| 8  | Krishna Shrestha                                                | Factors Affecting Investment Decision Among Youths                                                                                 |
| 9  | Ashish Regmi                                                    | Financing Mechanisms and Their Role in the Sustainability of Health Services                                                       |
| 10 | Prem Nath Gaire;<br>Min Prasad<br>Dawadi; Rishi<br>Ram Chapagai | MBA Students' Perception of Physical Startup Simulation: Implications for Entrepreneurship Education                               |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Science, Technology and Engineering

April 25, 2026

#### Technical Session IV

Time: 2:45 PM- 4:30 PM

Venue : Graduate School of Engineering (B02)

Sessionchair : Arjun Bahadur Ayadi

Rapporteur: Anjana Budha Chhtri

Session Facilitator: Anup Basnet

Technical Support: Bhawana Khadka

| SN | Name            | Title                                                                                            |
|----|-----------------|--------------------------------------------------------------------------------------------------|
| 1  | Harsheeta Suhag | Towards Intelligent and Adaptive 6G Smart Networks: The Role of Generative AI                    |
| 2  | Vikash Anand    | An Intelligent and Adaptive Image Detection System                                               |
| 3  | Bandanjot Kaur  | Sentiment Analysis for Social Media Applications: A Deep Learning and Neuro-Symbolic Perspective |
| 4  | Rupesh Patel    | Chatbot as a Service: A Java-Based Framework for Scalable and Platform-Independent Systems       |
| 5  | Jubayer Ahamed  | The Role of AI in Transforming Higher Education Teaching Practices                               |
| 6  | Neha Sharma     | Privacy-Preserving Medical Classification Using TFHE-Based Homomorphic Encryption                |
| 7  | Ujjwal Thakur   | Automatic Student Engagement Prediction Using Transfer Learning and Computer Vision              |
| 8  | Jubayer Ahamed  | A Hybrid Agile-Waterfall Software Development Model with Risk and Integration Control            |



Mid-West University Multidisciplinary International Conference  
(MUMIC-2026)



"Interdisciplinary Synergies for a Sustainable  
Future in the Age of AI and Digital Transformation"

**Agriculture , Environment, Food Security, Medicine And Public  
Health**

April 24, 2026

**Technical Session II- Virtual**

Time: 3:45PM-15PM

Venue : Graduate School Of Humanities and Social Sciences (B11)

Sessionchair : Amrit Kumar Sharma Gaire

Rapporteur: Tulsi Timilsena

Session Facilitator: Upakar Bhandari

Technical Coordinator: Dipendra Chaudhary

Session Link: <https://nren.zoom.us/j/94047354249?pwd=zaK2giC4BflMmkTbovOrQGyXHiCaGc.1>

| SN | Name                           | Title                                                                                                                                                 |
|----|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Natali Singla                  | A Blockchain-Based Framework for Enhancing Transparency and Sustainability in Agricultural Supply Chains                                              |
| 2  | Km Shaifali                    | Physiological and Biochemical Responses of Mung Bean ( <i>Vigna radiata</i> L.) Genotypes to Lead Toxicity and Melatonin Application                  |
| 3  | Km Shaifali                    | Physiological and Biochemical Responses of Mung Bean ( <i>Vigna radiata</i> L.) Genotypes to Lead Toxicity and Melatonin Application                  |
| 4  | Indrakshi Thakur               | Unveiling the Role of Fulvic Acid in Negating the Impact of Abiotic Stressors on Legumes                                                              |
| 5  | Ritu Bala;<br>Dharam Pal Singh | A Proposed Framework for Protective Barrier Deployment Against Sugarcane Lodging: Integrating AI and Human Centric Design for Sustainable Agriculture |
| 6  | Aayush Saini                   | Soil and Weather-Informed Crop Yield Prediction Using a Hybrid Machine Learning Approach                                                              |

| <b>SN</b> | <b>Name</b>            | <b>Title</b>                                                                                                                                 |
|-----------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 7         | Inderjeet Singh        | Early and Reliable Liver Disease Risk Assessment Using Machine Learning                                                                      |
| 8         | Natali Singla          | AI-Driven Multimodal Predictive Framework for Early Detection of Diabetes and Cardiovascular Diseases Using Explainable Hybrid Deep Learning |
| 9         | Anchal Koundal         | Ethnomedicinal Plants of the Rohtang Region: Traditional Knowledge, Therapeutic Applications and Conservation Perspectives                   |
| 10        | Vishal Kumar Prajapati | Improving Diagnostic Accuracy and Patient Outcomes through AI-Driven Early Detection of Brain Tumors                                         |
| 11        | Bhawana Kandel         | Knowledge Regarding Pubertal Changes among Adolescents                                                                                       |
| 12        | Mithun Kumar Jha       | AI-Enabled Strengthening of Routine Mental Health Reporting Systems in Primary Healthcare: Evidence from Nepal                               |
| 13        | Pramod Ghimire         | Potentiality of Payment for Ecosystem Services in Community Forest: Linking Upstream and Downstream Households                               |

# Mid-West University Multidisciplinary International Conference



(MUMIC–2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Inclusive Education and Human Development

April 26, 2026

#### Technical Session V

Time: 10:00- 11:30

Venue : Graduate School Of Education (B21)

Sessionchair : Rabindra Siwakoti

Rapporteur: Prakash Subedi

Session Facilitator: Baburam Dhungana

Technical Support: Anju Upadhyaya

| SN | Name                    | Title                                                                                                                                                 |
|----|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Sahas Bhandari          | Training Effectiveness of Individual Education Plan for Children with Neurodiverse Conditions in the Community Schools of Kathmandu Metropolitan City |
| 2  | Dhan Bahadur Reshmi     | Engaged Together: Ethnographic Insights into Inclusive Classroom Cultures                                                                             |
| 3  | Nawaraj Ghimire         | Inclusive Education in Age of AI: A Systematic Literature Review on Digital Transformation                                                            |
| 4  | Kamala Sarma            | Uncovering Mothers' Experiences Raising a Daughter with Autism                                                                                        |
| 5  | Jita Mishra Khanal      | Higher Education Classroom Learning Experience of Students with Visual Impairment                                                                     |
| 6  | Chakra Prasad Gautam    | Challenges in Implementing Inclusive Disability Policies in Karnali Province in Nepal                                                                 |
| 7  | Parbati Kumari Upadhyay | Prevalence and Epidemiological Patterns of Autism Spectrum Disorder in South Asia: A Systematic Review and Meta-Analysis                              |
| 8  | Madhabi Sapkota         | Enhancing Sexual and Reproductive Health Education Learning for Blind Students through Differentiated Instruction                                     |

| SN | Name               | Title                                                                                              |
|----|--------------------|----------------------------------------------------------------------------------------------------|
| 9  | Poonam Pokhrel     | A Multidimensional Perspective of Inclusion for Students with Concerning Behavior                  |
| 10 | Raju Acharya       | Issues and Challenges: Inclusive Teaching Practices in Mainstream Classrooms                       |
| 11 | Noor Jung Shah     | Practices of Universal Design for Learning as Right to Education in Nepal                          |
| 12 | Yagya Raj Pandey   | Employment Status of Persons with Disabilities: Policy Interventions from a Local-Level Case Study |
| 13 | Uttam Rai          | Strategies in Developing Communication between Parents and Children with Deaf-Blindness            |
| 14 | Y P Acharya        | Teacher Agency in Including Students with Visual Impairment in Physical Education in Nepal         |
| 15 | Sarita Khadka      | Reconceptualization Inclusive Education in Early Childhood Education Center                        |
| 16 | Jita Mishra Khanal | Learning Experiences of Visually Impaired Students in Higher Education                             |

# Mid-West University Multidisciplinary International Conference



(MUMIC–2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Humanities Social Science , Law, Policy and Governance

April 26, 2026

#### Technical Session V

Time: 10:00 AM- 11:30 AM

Venue : MUTU Hall (B31)

Sessionchair : Binaya Das

Rapporteur: Ramita Karki

Session Facilitator: Aisharya Prasad Dhakal

Technical Support: Ain Bahadur Budha

| SN | Name                    | Title                                                                             |
|----|-------------------------|-----------------------------------------------------------------------------------|
| 1  | Jageshwar Upadhyaya     | Generative Learning and Living Approaches of Excluded People of Karnali Province  |
| 2  | Narendra Kumar Rokaya   | Impact of US Foreign Aid Deduction in Social Workers in Karnali Province of Nepal |
| 3  | Bimal Nepali            | Exploring Dalit Students' Perceptions on Learning English                         |
| 4  | Janaki Rawat            | Role of Foreign Aid in Nepal's Socioeconomic Development                          |
| 5  | Suraj Paudel            | Socio-Emotional Well-Being in Workspace                                           |
| 6  | पुष्करनाथ रिजाल         | सिम्मा नाटकमा वर्गीय चिन्तन                                                       |
| 7  | मुकुन्दप्रसाद शर्मा     | कृष्ण सेनको 'प्रतिबन्ध' कवितामा वक्रोक्तिविधान                                    |
| 8  | Surendrakumar Pokherel  | कर्णाली प्रदेशमा प्रचलित मागल गीतको परिचय र वर्गीकरण                              |
| 9  | Rudra Bahadur Shahi     | Explore the Impact of Gen Z Movement on Political Stability of Nepal              |
| 10 | Dhirendra Prasad Sharma | Exploring the rich heritage of Badi community in Nepal                            |

| SN | Name                                        | Title                                                                                                       |
|----|---------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 11 | लाल केशर<br>रोकाया                          | कर्णाली प्रदेशका धामी झाँकीले प्रयोग गर्ने भाषा                                                             |
| 12 | Dhal Bahadur<br>Gurung                      | The Cultural and Spiritual Significance of Halji Monastery, Humla                                           |
| 13 | Sabir Kumar<br>Barik                        | The Subsidy Paradox: How Institutional Barriers Undermine Energy Justice in India's Solar Transition        |
| 14 | Mahesh Kumar<br>Shahi                       | Judicial System During Khas Empire                                                                          |
| 15 | Vinay Kumar Jha                             | Journey from Home to Correction Facility                                                                    |
| 16 | Dilip Bhattarai                             | The Geopolitics of AI Governance and Digital Diplomacy in South Asia                                        |
| 17 | Sher Bahadur<br>K.C.                        | मध्यपश्चिम विश्वविद्यालयको प्रशासनिक व्यवस्थापनमा डिजिटल रूपान्तरण अभ्यास, चुनौती र सम्भावना                |
| 18 | Mayuri<br>Kularathne; ;<br>Renuka Priyantha | Role of Citizen in Implementing Environmental Protection Policy to Prevent Ecocide via Household Activities |
| 19 | Bhupendra<br>Shahi                          | Negotiating Contested Globalities: Development, Conservation, and Riverine Life in Nepal's Karnali Basin    |

# Mid-West University Multidisciplinary International Conference



(MUMIC–2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Management, Economics and Entrepreneurship

April 26, 2026

#### Technical Session V

Time: 10:00 AM- 11:30 AM

Venue : Graduate School of Management (B13)

Session chair: Prof. Deep Bahadur Rawal

Rapporteur: Naresh Koirala

Session Facilitator: Devi Basyal

Technical Coordinator: Prashanta Gautam

| SN | Name                                   | Title                                                                                                                     |
|----|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1  | Laxman Prasad Gaire                    | The Literacy-Behavior Gap: Evidence of Financial Well-Being from the Banking Sector of Rupandehi                          |
| 2  | Saif Siddiqu; Mahak Manzoor; Neha Seth | Modelling Volatility Spillovers Between BRICS Markets and Cryptocurrencies Using the DCC-GARCH Approach                   |
| 3  | Rabin Dahal; Arun Subedi               | Foreign Direct Investment and Nepal's Growth Dynamics: Evidence from an ARDL Framework                                    |
| 4  | Bikash Silwal                          | Human Resource Management Practices and Their Effect on Employee Satisfaction in Financial Institutions of Birendranagar. |
| 5  | Rajesh Gyawali                         | VAT Accounting in the Digital Era: Efficiency, Accuracy, and Agility                                                      |
| 6  | Bhim Bahadur Khadka                    | Assessment of Job Satisfaction among University Teachers in Nepal: An Empirical Study                                     |
| 7  | Khem Raj Rawat; Gyan Prasad Paudel     | Systematic Review of Econometric Techniques for Analyzing Market Volatility and Risk Transmission Dynamics                |

| SN | Name                                                                 | Title                                                                                                    |
|----|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 8  | Gyan Prasad Paudel;<br>Khem Raj Rawat;<br>Parbati Kumari<br>Upadhyay | Advanced Decision-Making Framework for<br>Identifying Fraud in Insurance Claims Using<br>Fuzzy Logic     |
| 9  | Surendra Basnet                                                      | Entrepreneurial Competencies as Drivers<br>of Sustainable Enterprise Development: A<br>Conceptual Review |
| 10 | Moid U Ahmad                                                         | Implementing an AI Agent in Recruitment<br>Process                                                       |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Science, Technology and Engineering

April 24, 2026

#### Technical Session II- Virtual

Time: 3:45PM- 5:15 PM

Venue : Graduate School of Humanities and Social Sciences (B24)

Sessionchair : Motahar Hossian

Rapporteur: Dewani Thapa Magar

Session Facilitator: Parbati Upadhyaya

Technical Coordinator: Prasant Gautam

Session Link: <https://nren.zoom.us/j/94047354249?pwd=zaK2giC4BflMmkTbovOrQGyXHiCaGc.1>

| SN | Name                | Title                                                                                                                                                            |
|----|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Abdullah Shaikh     | Design and Implementation of an Automated Containerized MLOps Pipeline                                                                                           |
| 2  | Jorawar Singh       | Microservice Dependency Visualizer: Real-Time Graph Intelligence for Failure Prediction, Impact Analysis, and Architectural Optimization in Cloud-Native Systems |
| 3  | Shweta Sharma       | Stock Market Prediction Using AI & ML                                                                                                                            |
| 4  | Khemraj Pokharel    | Soil Structure Interaction Effect in Foundations                                                                                                                 |
| 5  | Jay Ram Panthi      | Multi-Hazard Risk Assessment and Mapping of Darma Rural Municipality, Salyan, Nepal                                                                              |
| 6  | Kshitija Chaulagain | Vibration-Based Structural Health Monitoring of an RCC T-Beam Bridge: A Case Study of Nakhu Khola Bridge, Nepal                                                  |
| 7  | Madan Singh Bohara  | Clinical Profiles of Bacterial Resistance and Antimicrobial Susceptibility in Klebsiella Pneumoniae and Escherichia coli Isolates                                |

| SN | Name                                                                | Title                                                                                                                                             |
|----|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Madhab Rijal                                                        | Mountainous Flood Modeling: A Review of Historical Development, Challenges, and Future Perspectives                                               |
| 9  | Suman Kumar Mishra                                                  | Assessing Barriers and Strategic Requirements for Building Information Modeling (BIM) Adoption in Nepal's Construction Industry                   |
| 10 | Yogesh K C                                                          | Hydrological Modelling in the Context of Hydropower Systems: A Systematic Literature Review                                                       |
| 11 | Sabin Thapa                                                         | From Karnali to the AI-Quantum Era: A Pilot Roadmap for Assessment Reform and Interdisciplinary Pathways in Nepal                                 |
| 12 | Samarpunit Kaur                                                     | AI-Driven Multi-Objective Optimization for Electric Vehicle Charging Station Placement                                                            |
| 13 | Rimzim Pawar                                                        | Mycorrhizal Association in Orchids: Isolation, Identification and Molecular Characterization of Endophytes in Some Economically Important Orchids |
| 14 | Bhavkirat Singh                                                     | Big Data Analytics Application for Evaluating Collaborative Impact      Error! Bookmark not defined.                                              |
| 15 | Vashu Choudhary*;<br>Mayank Kumar;<br>Akash Rampal;<br>Aniket Singh | Customer Segmentation Using Unsupervised Machine Learning                                                                                         |
| 16 | Vivek Vyas                                                          | Cloud-Based Smart Hostel Management Using AI, IoT, and Predictive Analytics                                                                       |
| 17 | Gungun Bansal                                                       | A Blockchain-Based Decentralized Carbon Credit Trading Framework with AI-Driven Emission Verification                                             |
| 18 | Md Saif Ali                                                         | Real Time Malicious Traffic Identification Using Deep Neural Network for Energy Aware Cybersecurity                                               |
| 19 | Ridhima Rajman                                                      | Energy-Aware Load Balancing in Cloud Data Centre: A Carbon-Efficient Approach                                                                     |

| SN | Name              | Title                                                                                                                                      |
|----|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 20 | Sabin Thapa       | Science for All in Nepal's AI-Quantum Era: A Roundtable on Assessment Reform, Interdisciplinary Pathways, and Diaspora-Local Collaboration |
| 21 | Parveen Tyagi     | Application for Secure Dynamic Routing in Wireless Sensor Networks Using MbMS                                                              |
| 22 | Abhijeet Dhaliwal | A Survey on Sorting Algorithms in Big Data and ETL Applications                                                                            |
| 22 | Sahil Singh       | Beyond Structural Density: A Spatio-Temporal Graph Neural Network Approach to Fake Review Detection in E-Commerce                          |
| 23 | Ridhima Rajman    | Carbon-Aware Kubernetes Scheduler for Sustainable Cloud Computing                                                                          |

# Mid-West University Multidisciplinary International Conference



(MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

### Education, Human Development & Management

April 25, 2026

#### Technical Session III- Virtual

Time: 10:00- 12:30

Venue : Policy Lab

Sessionchair : Guneet Kaur Cheema

Rapporteur: Anjana Budha Chhetri

Session Facilitator: Panch Dev Bhatta

Technical Coordinator: Tulsi Timilsena

Session Link: <https://nren.zoom.us/j/96889825234?pwd=1kl0ipjTwVNoItrCa0z6WrCAOGI6YG.1>

| SN | Name               | Title                                                                                                                                                               |
|----|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Nasrin Pervin      | Navigating Pedagogical Dilemma in Higher Education: Insights into Professional Development from Educators in Bangladesh                                             |
| 2  | Shajeera Pa        | Towards Sustainable ESL Education Through Structured, Responsible AI Integration in Digitally Transformed Classrooms                                                |
| 3  | Dr Meghna Mehndroo | Bridging the Rural Language Divide: A Quasi-Experimental Study on the Impact of AI-Based Multilingual Platforms on STEM Achievement among Indian Secondary Students |
| 4  | Akarshan Jangid    | Interpretable Machine Learning Framework for Credit Risk Assement in Financial Systems                                                                              |
| 5  | Bishnu Maya Joshi  | Resource Barriers in ICT Integration: Challenges in Teaching-Learning at Tribhuvan University                                                                       |
| 6  | Kul Bahadur Bohara | LDC Graduation: Opportunity, Challenges, and Migration Impacts for Nepal                                                                                            |
| 7  | Tek Bahadur Oli    | Nepal and Its Knowledge System                                                                                                                                      |

| SN | Name                    | Title                                                                                                                                                          |
|----|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Tekendra Kumar Mahatara | Learning Beyond Textbook: Connection Between Home and School Education                                                                                         |
| 9  | M.J.F.Shiroza           | Transforming School Education for a Sustainable Future in the Age of AI                                                                                        |
| 10 | Nimisha Rai             | Sensory Cues and Sustainable Consumer Choices in Retail: Examining the Mediating Effect of Perceived Environmental Responsibility                              |
| 11 | Avishek Bhandari        | AI and SME Competitiveness: Evidence from Nepal's Emerging Digital Economy                                                                                     |
| 12 | Ghan Shyam Yadav        | Internet Banking Tools and Client Satisfaction with Nepalese commercial banks                                                                                  |
| 13 | Umesh Chand             | Impact of Artificial Intelligence on Human Resource Decision-Making: The Mediating Roles of Ethical AI Practices and Human Oversight in Nepalese Organizations |
| 14 | Upendra Sunar           | Financial Literacy and Digital Payment Adoption in an Emerging Fintech Ecosystem: Mediating Role of Attitude and Social Influence                              |



# Mid-West University Multidisciplinary International Conference (MUMIC-2026)



## "Interdisciplinary Synergies for a Sustainable Future in the Age of AI and Digital Transformation"

**Humanities Social Science, Law, Policy and Governance**

April 25, 2026

### Technical Session III-Virtual

Time: 10:00- 12:30

Venue : Graduate School Humanities and Social Sciences (B24)

Sessionchair : Prof. Archana Chaudhary

Rapporteur: Dipendra Chaudhary

Session Facilitator: Laxmi Prasad Bastola

Technical Support: Bhawana Khadka

Session Link: <https://nren.zoom.us/j/94047354249?pwd=zaK2giC4BflMmkTbovOrQGyXHiCaGc.1>

| SN | Name                   | Title                                                                                                                              |
|----|------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Dilip Karki            | Disaster and social work context and model in Nepal; An academic perspective                                                       |
| 2  | Juairia Hossain        | From Rareism to Epistemic Recognition: Digital Identity and the Transformation of Research Culture in Bangladeshi Higher Education |
| 3  | Eyram E. K. Fiagbedzi  | African Music and Dance: The Embodiment of Religion and Spirituality among the Anlo-Ewe of Ghana                                   |
| 4  | Sylvanus Kwashie Kuwor | Music and Dance: The Embodiment of Religion and Spirituality among the Anlo-Ewe of Ghana                                           |
| 5  | Shalini Sharma         | Cinematic Slurs: The Promotion and Popularization of Filthy Language in Indian Movies                                              |
| 6  | Vineet Kumar           | Identity Crisis of First Nations in Thomas Kings' Green Grass, Running Water                                                       |
| 7  | Prabhakar Ghimire      | Analyzing the Evolving Methodological Trends in Research on Stakeholder Communication in Construction Projects                     |

| SN | Name                                | Title                                                                                                                        |
|----|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 8  | Nirmala Kumari Bam                  | Social Status of Women in Tharu Community of Bhimdatta Municipality, Kanchanpur, Nepal                                       |
| 9  | Bir Bahadur Singh Thakuri           | Push-pull dynamics of foreign labor migration in Bheemdatta Municipality, Nepal                                              |
| 10 | Juairia Hossain                     | AI Ethics and Global Governance: Intersectional Power Relations in Feminist Perspective                                      |
| 11 | Dambar Bahadur Khadka               | Implementation of NEHEP Initiatives at Musikot Khalanga Multiple Campus: An Auto Ethnographic Study                          |
| 12 | Syed Al Farabi                      | Evaluation of Student Union activities in peacebuilding: Student Satisfaction on DUCSU in University of Dhaka                |
| 13 | Mitali Madhusmita*; Anup Sagar Dash | Reconfiguring Urban Resilience in the Age of Digital Transformation: Advancing Urban Health and Environmental Sustainability |

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