Artificial Intelligence for Transforming Business and Society
November 5th, 2019
Venue : Hyatt Regency, Boudha, Kathmandu, Nepal

Time	Program	
7:00 AM – 8:00 AM	Registration and Networking: Tea/Coffee	60 min
8:00 AM - 8:10 AM	Welcome and Opening Remarks Mr Joey Foster Ellis, Principal, The British College	10 min
8:10 AM - 8:20 AM	Address by the Conference Chair Professor Shashidhar Ram Joshi, Institute of Engineering, Tribhuwan University	10 min
8:20 AM - 8:30 AM	Address by IEEE Nepal Subsection Chair Dr Arun Timilsina, Institute of Engineering, Tribhuwan University	10 min
Keynote Address #1		
8:30 AM - 9:00 AM	Dr Pawel Capik, University of the West of England **Topic: Foreign Investment Promotion in the Age of Industry 4.0**	30 min
Paper Presentation: 1 to 3 **Session Chair: Dr Pramod Parajuli**		
9:00 AM - 9:15 AM	**Paper 1: Fine-Grained Sentiment Classification Using BERT** (Authors: Manish Munikar, Sushil Shakya, Aakash Shrestha)	15 min
9:15 AM -9:30 AM	**Paper 2: Time Series Based Pattern Recognition for Anomaly Detection from System Audit Logs** (Authors: Prabhat Pokharel, Sandeep Sigdel, Roshan Pokhrel, Basanta Joshi)	15 min
9:30 AM -9:45 AM	**Paper 3: Photograph Ownership and Authorization Using Blockchain** (Authors: Kaushal Poudel, Arpan Pokhrel, Arun B. Aryal, Pranita Upadhyaya)	15 min
Keynote Address #2		
9:45 AM – 10:15 AM	Dr Ah-Lian Kor, Leeds Beckett University, UK **Topic: Qualitative Spatial Models and Reasoning for Autonomous Navigation**	30 min
Paper Presentation: 4 to 5 **Session Chair: Dr Sanjeeb Prasad Panday**		
10:15 AM - 10:30 AM	**Paper 4**: **Optimal Cyber Threat Intelligent System for Nepal** (Authors: Swarup Raj Dhungana, Pranita Upadhyaya)	15 min
10:30 AM - 10:45 AM	**Paper 5**: **Image Enhancement Using Successive Mean Quantization Transform and Homomorphic Filtering** (Authors: Sujan Adhikari, Sanjeeb Prasad Panday)	15 min
10:45 AM to 11:00 AM	**TEA BREAK 1**	15 min
Panel Discussion 1: AI Awareness and Ethics		
11:00 AM - 11:45 AM	**PANEL members:** 1. Mr Asgar Ali, CEO, E-Sewa and IT Consultant to Prime Minister of Nepal 2. Mr Subash Manandhar, Senior Director, Fusemachines 3. Mr Birendra Mishra, Joint Secretary, MOCIT 4. Professor Manish Pokharel, Kathmandu University **Moderator: Dr Pranita Upadhyaya**	30 min Discussion 15 min Q&A
11:45 AM - 12:45 PM	**LUNCH and Poster Presentation**	60 min

Paper Presentation: 6 to 12 Session Chair: Dr Dibakar Pant and Dr Roshan Chitrakar		
12:45 PM – 1:00 PM	**Paper 6: Smart Job Recruitment Automation: Bridging Industry and University** (Authors: Vijay Yadav, Ujjwal Gewali, Suman Khatri, Shree Ram Rauniyar, Aman Shakya)	15 min
1:00 PM - 1:15 PM	**Paper 7: Design and Implementation of a Cost-Efficient Smart Home System with Raspberry Pi and Cloud Services** (Authors: Swojeet Kayastha, Pranita Upadhyaya)	15 min
1:15 PM – 1:30 PM	**Paper 8: One-Shot Template Matching for Automatic Document Data Capture** (Authors: Pranjal Dhakal, Manish Munikar, Bikram Dahal	15 min
1:30 PM - 1:45 PM	**Paper 9: A Comparison of Semantic Similarity Methods for Maximum Human Interpretability** (Authors: Pinky Sitikhu, Kritish Pahi, Pujan Thapa, Subarna Shakya)	15 min
1:45 PM – 2:00 PM	**Paper 10: Nepali Image Descriptor** (Authors: Sushil Ghimire, Aashish Adhikari)	15 min
2:00 PM - 2:15 PM	**Paper 11: A Clustering Based Vertical Fragmentation and Allocation of a Distributed Database** (Authors: Abhishesh Dahal, Sashidhar Ram Joshi)	15 min
2:15 PM - 2:30 PM	**Paper 12: A Comparative Analysis on the Performance Of Minimum Spanning Tree and k-means Clustering Based Vertical Fragmentation Algorithm** (Authors: Abhishesh Dahal, Sashidhar Ram Joshi)	15 min
2:30 PM - 2:45 PM	**Paper 13: Machine Learning algorithm in educational data** (Authors: Manish Pokharel, Sushil Shrestha)	15 min
Keynote Address #3		
2:45 PM - 3:15 PM	Dr Tim Gocher, CEO, Dolma Impact Fund **Topic: An Investor's Perspective on AI**	30 min
3:15 PM to 3:30 PM	**TEA BREAK 2**	15 min
3:30 PM – 3:45 PM	Address by Mr Ravi Bajracharya, CTO/Co-Founder Wiseyak Inc. **Topic: AI in Healthcare Management in Nepal**	15 min
Keynote Address #4		
3:45 PM – 4:15 PM	Dr Muhammad Bilal, University of the West of England **Topic: Modernising Businesses with Artificial Intelligence (AI): Myth or Magic Bullet?**	30 min
Panel Discussion 2: Business Intelligence through AI: Why Businesses of Today should Develop AI Strategy for Tomorrow		
4:15 PM – 5:00 PM	**Panel members:** 1. Mr Ravi Bajracharya, CTO/Co-Founder Wiseyak Inc. 2. Dr Bal Krishna Bal, Kathmandu University 3. Mr Ayush Subedi, Co-Founder of Moonlit Solutions 4. Mr Chandan Gupta, Makura Creations **Moderator: Mr Amod Niroula**	30 min Discussion 15 min Q&A
5 PM – 5:15 PM	Closing Remarks: Mr Rajen Kandel, CEO, The British College	15 min
5:15 PM: 5:30 PM	**Official Photo Session**	15 min