

University Grants Commission
Sanothimi, Bhaktapur
Collaborative Proposal Presentation Schedule

Venue: Virtually via ZOOM

Cluster: Engineering

Date: 2081/01/26 (May 8, 2024) Wednesday					
Session I					
SN	Title of Proposal	Research Team	Time	Remarks	
1	Speech and Natural language-based augmentative and alternative communication systems to facilitate interaction for people with disability in Nepal	Dr. Aman Shakya, Dr. Basanta Joshi, Roshan Chitrakar, Anku Jaiswal	01:00 PM	<ul style="list-style-type: none">• Prepare slides for 20 minutes• All members of research team must be present• Include budget justification (categorical description of the proposed cost)• Role of the Research Team (need analysis & job description)	
2	Multi modal data-based incident analysis-Blending technologies for social justice and good governance	Dr. Bal Krishna Bal, Dr. Balaram Prasain, Padma Rijal	01:45 AM		
Session II					
3	Distribution of grid visualization using AI smart sensors for performance enhancement of the Nepal electric distribution system	Dr. Samundra Gurung, Rupesh Gautam, Menaka Karki	02:30 PM		
4	Anticipating future Solanaceae vegetable family crop diseases using weather-dependent forecasting models	Dr. Yagya Raj Pandeya, Dr. Kumar Lama, Dr. Harish Chandra Bhandari	03:15 PM		



Date: 2081/01/27 (May 9, 2024) Thursday

Session II

SN	Title of Proposal	Research Team	Time	Remarks
1	Development of rock mass classification system for tunnel support design using machine learning approaches in the Nepal Himalaya	Dr. Shyam Sundar Khadka, Ranjit Shrestha, Saraswoti Acharya	01:00 PM	<ul style="list-style-type: none">• Prepare slides for 20 minutes• All members of research team must be present• Include budget justification (categorical description of the proposed cost)• Role of the Research Team (need analysis & job description)
2	Design and development of a low cost, IoT based water quality monitoring with machine learning decision support for rural communities of Nepal	Dr. Ram Kaji Budhathoki, Deepesh Prakash Guragain, Rupesh Dahi Shrestha	01:45 PM	
3	Environmental, Energy, equity, and health (3EH) Co- benefits of Nationally determined contributions	Dr. Shree Raj Shakya, Dr. Sanjeev Maharjan, Dr. Anita Prajapati	02:30 PM	

