



## 4th National Conference on Earthquake Engineering - Nepal (4th NCEE-Nepal 2081)

### Presentation Schedule

*4th Magh 2081*

Activities	Time	Room	Title	Presenter's Name	Session Chair
<i>Resistration</i>	08:15-09:00 hrs.				
<i>Opening Ceremony</i>	09:00-09:45 hrs.				
<i>Keynote Address</i>	09:45-10:30 hrs.	Hall 1	<b>Structural Design of Vernacular, Historical &amp; Monumental Structures of the Kathmandu Valley</b>	<b>Prof. Dr. Prem Nath Maskey</b>	
<i>Session 1</i>	10:30-12:00 hrs.	Hall 1	Nurturing Youth Changemakers: A School-Based Approach to Disaster Risk Management Education under Kathmandu Metropolitan City "Book Free Friday" Program	Amin Sutar Karki	<b>Dr. Deepak Bikram Thapa Chhetri</b>
			Post-Earthquake Disasters: Flood and Landslide	Kiran Silwal	
			A Case Study on Lessons from Jajarkot: Earthquake Preparedness, Mitigation, and Reconstruction Strategies	Saju Karki	
			Concrete Strength From Quality Of Aggregates	Jagadiswar Man Shrestha	
			Jet Fan Anchorage System for Enhancing Road Tunnel Safety in Nepal	Rabin Gurung	
		Hall 2	Microtremor Array Measurement of Northwestern Part of Kathmandu Valley for Vs30 Mapping and Site Characterization	Bidhan Thusa	<b>Dr. Chandra Kiran Kawan</b>
			Assessment of Soil Liquefaction Potential of Kathmandu Valley by Microtremor Measurement	Niraj Bhakta Kayastha	
			Machine Learning Techniques for Estimating Seismic Site Characterization Parameter: Vs30 in the Kathmandu Basin	Sachin Pokharel	
			Characterization of Sub-Surface Structure in the Core Area of Hetauda Sub-Metropolitan City Using Microtremor Array Measurement (MAM)	Sundar Bartaula	
			Characterization of Fundamental Time Period of Masonry Residential Building by Ambient Vibration Test	Rita Thuyaju	
<i>Lunch Break</i>	12:00-12:45 hrs.				
<i>Session 2</i>	12:45-14:15 hrs.	Hall 1	Site-Specific Probabilistic Seismic Hazard Analysis and Seismic Evaluation of Power House: A Case Study of Mewa Khola Hydroelectric Project	Argen Karmacharya	<b>Dr. Youb Raj Poudyal</b>
			Assessment of Liquefaction Potential of Kathmandu Valley Using Different Machine Learning Approaches	Bikesh Tamrakar	
			3D Modelling of Basin Edge Effect in Kathmandu Valley	Neha Kachhepati	
			Seismic Response of Building with Vertical Stiffness Irregularity and In-plan Eccentricity	Medhasmi Khatiwada	
			Review on Applications of Machine Learning and Deep Learning in Landslide Risk Assessment of Nepal	Pukar Regmi	
		Hall 2	Seismic Analysis of Three-Tiered Pagoda Style Indreshwor Temple	Sunil Shrestha	<b>Dr. Manjip Shakya</b>
			Seismic Evaluation of Stone Masonry Structures with Mud Mortar: A Case Study of Dashrathchand Municipality, Baitadi	Umesh Lekhak	
			Rapid Visual Screening Assessment of Apartments in Kathmandu Valley	Rabindra Raj Nepal	
			Stress-Strain Characteristics of Normal and Plastered Brick Masonry under Uniaxial Compression and Shear	Abhishek Chhunju	
<i>Session 3</i>	14:30-15:45 hrs.	Hall 1	Evaluation of Response Reduction Factor of RC Building in Slope Considering Soil-Structure Interaction (SSI)	Anjana Kasula	<b>Dr. Gokarna Bd. Motra</b>
			Seismic Performance of RC Beam-Column Joint in Residential Building Construction	Preshit Mahato	
			Seismic Resilience in Steel Structures: A Comparative Analysis of Buckling-Restrained Bracing Systems	Niwesh Tamrakar	
			Evaluation of Rotational Stiffness in Steel Building: A Comparative Study on different Support Conditions	Menaka Phagu	
			Apartment's Seismic Evaluation Using Viscous Wall Dampers at Different Places	Ramesh Prajapati	
		Hall 2	Seismic Performance of Gol Ghar	Reena Suwal	<b>Dr. Kshitij Charan Shrestha</b>
			Evaluation of Seismic Performance of Unreinforced Stone Masonry Structures: A Case Study of Traditional Building of Ghandruk Village	Nabin Shrestha	
			Seismic Evaluation Of Traditional Building Of Thakali Community Of Syang Village	Nabin Shrestha	
			Parametric Study of Non-Linear Properties of Traditional Masonry Wall	Riya Shrestha	
			Seismic Analysis of Stone Masonry with Mud Mortar: A Case Study of Chitlang Dwellings	Sami Dangol	
<i>Closing Ceremony</i>	15:45-16:30 hrs.				
<i>High Tea</i>	16:30-17:00 hrs.				