



14th IOE Graduate Conference
Pulchowk Campus, IOE, Lalitpur | 29 Nov - 01 Dec, 2023
PROGRAM SCHEDULE



Day	Time	Program			
Day 1 [13th Mangsir, 2080 29 Nov, 2023]	09:30 – 10:00	Registration			
	10:00 – 10:40	Opening			
	10:45 – 11:30	Keynote 1: "Control of the Nonlinear Dynamic Response of Offshore Semisubmersibles" by Prof. T K Dutta [Conference Hall]			
	11:30 – 11:40	Break			
	11:40 – 13:10	Technical Session A			
		A1: Electric Vehicles [E207]	A2: Tunelling [E201 A]	A3: Image Analysis & Pattern Recognition [E205]	A4: Disaster - I [Conference Hall]
		<i>Chair: Dr. Basanta K. Gautam</i>	<i>Chair: Dr. Santosh K. Yadav</i>	<i>Chair: Dr. Arun K. Timalisina</i>	<i>Chair: Dr. Basanta R. Adhikari</i>
		A1-1, A1-2, A1-3, A1-4, A1-5, A1-6	A2-1, A2-3, A2-4, A2-5, A2-6	A3-1, A3-2, A3-3, A3-4, A3-5, A3-6	A4-1, A4-2, A4-3, A4-4, A4-5, A4-6
	13:10 – 13:40	Break			
	13:40 – 15:10	Technical Session B			
		B1: Electrical Engineering [E205]	B2: Urban Planning [E207]	B3: Cyber Security & Networking [E201 A]	B4: Disaster - II [Conference Hall]
		<i>Chair: Mahammad Badrudoza</i>	<i>Chair: Dr. Ajay C. Lal</i>	<i>Chair: Dr. Babu Ram Dawadi</i>	<i>Chair: Prof. Dr. Hari Drashan Shrestha</i>
	B1-1, B1-2, B1-3, B1-4, B1-5	B2-1, B2-2, B2-3, B2-4, B2-5, B2-6	B3-1, B3-2, B3-3, B3-4, B3-5, B3-6	B4-1, B4-2, B4-3, B4-4, B4-5, B4-6	
15:10 – 15:25	Break				
15:25 – 16:55	Technical Session C				
	C1: Environmental Engineering [Conference Hall]	C2: Urban Design [E205]	C3: Deep Learning & Natural Language Processing [E207]	C4: Concrete Technology [E201 A]	
	<i>Chair: Prof. Dr. Ram K Sharma</i>	<i>Chair: Dr. Sanjaya Uprety</i>	<i>Chair: Dr. Aman Shakya</i>	<i>Chair: Dr. Bharat Mandal</i>	
	C1-1, C1-2, C1-3, C1-4, C1-6	C2-1, C2-2, C2-3, C2-4, C2-5, C2-6	C3-1, C3-2, C3-3, C3-4, C3-5, C3-6	C4-1, C4-2, C4-3, C4-4, C4-5, C4-6	
Day 2 [14th Mangsir, 2080 30 Nov, 2023]	09:45 – 10:00	Registration			
	10:00 – 10:45	Keynote 2: "Sediment Flux and Flood Risk in the Himalaya" by Prof. Dr. Hugh Sinclair [Conference Hall]			
	10:45 – 10:55	Break			
	10:55 – 12:25	Technical Session D			
		D1: Hydropower [Conference Hall]	D2: Construction Management [E201 A]	D3: Transport Engineering [E207]	D4: Improved Cooking [E205]
		<i>Chair: Prof. Dr. Bhola NS Ghimire</i>	<i>Chair: Mahendra R. Dhital</i>	<i>Chair: Dr. Rojee Pradhananga</i>	<i>Chair: Dr. Hari B. Darlami</i>
		D1-1, D1-2, D1-3, D1-4, D1-5, D1-6	D2-1, D2-2, D2-3, D2-4, D2-5, D2-6	D3-1, D3-2, D3-3, D3-4, D3-5, D3-6	D4-1, D4-2, D4-3, D4-4, D4-5, D4-6
	12:25 – 13:00	Break			
	13:00 – 14:30	Technical Session E			
		E1: Water Resources [E205]	E2: Architecture [E201 A]	E3: Seismic Performance of Structures - I [E207]	E4: Solar Energy [Conference Hall]
		<i>Chair: Dr. Pawan K. Bhattarai</i>	<i>Chair: Surya Gyawali</i>	<i>Chair: Prof. Dr. Gokarna B. Motra</i>	<i>Chair: Prof. Dr. Jagan Nath Shrestha</i>
		E1-1, E1-2, E1-3, E1-4, E1-5, E1-6	E2-1, E2-2, E2-3, E2-4, E2-5, E2-6	E3-1, E3-2, E3-3, E3-4, E3-5, E3-6	E4-1, E4-2, E4-3, E4-4, E4-5, E4-6
14:30 – 14:45	Break				
14:45 – 16:15	Technical Session F				
	F1: Irrigation [Conference Hall]	F2: Heritage Conservation [E201 A]	F3: Seismic Performance of Structures - II [E205]	F4: Mechanical Engineering - I [E207]	
	<i>Chair: Prof. Dr. Prem C. Jha</i>	<i>Chair: Prof. Dr. Sudha Shrestha</i>	<i>Chair: Dr. Kshitij C. Shrestha</i>	<i>Chair: Prof. Dr. Rajendra Shrestha</i>	
	F1-1, F1-2, F1-3, F1-4, F1-5, F1-6	F2-1, F2-2, F2-3, F2-4, F2-5, F2-6	F3-1, F3-2, F3-3, F3-4, F3-5, F3-6	F4-1, F4-2, F4-3, F4-4, F4-5, F4-6	
Day 3 [15th Mangsir, 2080 01 Dec, 2023]	09:45 – 10:00	Registration			
	10:00 – 10:45	Keynote 3: "Post-2015 Earthquake - Conservation of Urban Heritage Landscape in Towns of Kathmandu Valley" by Prof. Dr. Sudarshan Raj Tiwari [Conference Hall]			
	10:45 – 10:55	Break			
	10:55 – 12:25	Technical Session G			
		G1: Geotechnical Engineering [E207]	G2: Energy Efficiency - I [E201 A]	G3: Structural Engineering - I [E205]	G4: Renewable Energy [Conference Hall]
		<i>Chair: Dr. Indra P. Acharya</i>	<i>Chair: Dr. Ashim R. Bajracharya</i>	<i>Chair: Dr. Rajan Suwal</i>	<i>Chair: Prof. Dr. Tri Ratna Bajracharya</i>
		G1-1, G1-2, G1-3, G1-4, G1-5, G1-6	G2-1, G2-2, G2-3, G2-5, G2-6	G3-1, G3-2, G3-3, G3-4, G3-5, G3-6	G4-1, G4-2, G4-3, G4-4, G4-5, G4-6
	12:25 – 13:00	Break			
	13:00 – 14:30	Technical Session H			
		H1: Climate Change, Extremes & Impacts [Conference Hall]	H2: Energy Efficiency - II [E207]	H3: Structural Engineering - II [E205]	H4: Mechanical Engineering - II [E201 A]
		<i>Chair: Dr. Suraj Lamichhane</i>	<i>Chair: Prof. Dr. Sushil B. Bajracharya</i>	<i>Chair: Dr. Jagat K. Shrestha</i>	<i>Chair: Prof. Dr. Laxman Poudel</i>
		H1-1, H1-2, H1-3, H1-4, H1-5	H2-1, H2-2, H2-3, H2-4, H2-5, H2-6	H3-2, H3-3, H3-4, H3-5, H3-6	H4-1, H4-2, H4-3, H4-4, H4-5, H4-6
14:30 – 14:45	Break				
14:45 – onwards	Closing				

Poster Session - I
[PS1-001 to PS1-031]

Poster Session - II
[PS2-001 to PS2-040]

Poster Session - III
[PS3-001 to PS3-041]