



11th IOE Graduate Conference :: Pashchimanchal Campus, Pokhara, Nepal

Program Schedule



Day 1: March 9, 2022 (Falgun 25, 2078)

09:00 to 10:00	Inaugural Session
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10:00 to 11:00	Keynote 1: "Energy Transition Futures: Electric Air Transportation and Technology Innovation" by Dr. Binayak Prasad Bhadra, Former Member, National Planning Commission
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11:00 to 12:30	Session A1 : Distributed Generation		Electronics Hall	Session A2: Energy and Environment		B-127 (Old Msc Block)	Session A3: Disaster Resilient Planning		B-128 (Old Msc Block)
	Chair: Dr. Basanta Kumar Gautam			Chair: Kishor Kumar Shrestha			Chair: Prof. Dr. Sangeeta Singh		
	ID	Title	Presenter	ID	Title	Presenter	ID	Title	Presenter
	11023	Power Sharing Among Parallel Connected Photovoltaic Inverters with Droop Control in Microgrid	Manisha Baral	11010	Impact Analysis of PV Grid Inverters and EV Inverters in Medium Voltage Distribution System	Sapana Bohara	11065	Gender Equality and Social Inclusion(GESI) in decision making in DRRM policies in Nepal	Helen Upadhyay
	11033	Optimal Techno-Commercial Analysis on Electricity Consumption of Industry by Grid Integrated Hybrid Power System	Bhesh Raj Regmi	11018	Performance Evaluation of 8.5 MW grid connected Solar PV Plant in Butwal, Nepal	Kishor Ghimire	11068	Public private partnership in the field of housing for new settlement planning and development Case of Nepal	Nistha Nakarmi
	11040	Power Quality Improvement Using Shunt Active Power Filter	Nimesh Risal	11025	Effect of Photovoltaic Penetration on Radial Distribution Network: A Case Study of Rajgadh Feeder, Anarmani Distribution System, Jhapa, Nepal	Sudarshan Pandey	11074	Assessing Institutional involvement and people's perception towards urban greenery : (A case of Lalitpur city)	Paru Thapa
	11060	Impact on the radial distribution feeder with optimally located Electric Vehicle Charging Station and PV integrated Energy Storage System	Ananda Sapkota	11026	Kinetics of Manganese Removal using Different Proportion of BIRM and Katalox	Kishor Nepal	11080	Conservation and Development of Traditional Town Lubhu	Shova Thapa
	11079	Energy Generation Through Speed Breaker	Amrit Ghimire	11043	Nitrification Efficiency Variatio of Ground Water by Using Sponge Media In Single and Series Reactor	Nirmal KC	11073	The Differentiated Impact of the Gorkha Earthquake on Richer and Poorer Households	John Theodore Friberg
				11048	Water Quality Calibration of Bagmati River Using QUAL2Kw	Pratik Khadka			

12:30 to 13:00	Lunch
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13:00 to 14:00	Keynote 2: "Future of Planning" by Prof. Dr. Peter Gotsch, NTNU, Norway
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Note: Highlighted presertations will be conducted physically at venue and other presentations will be done via online mode.



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14:00 to 15:30	Session B1: Infrastructure		Electronics Hall	Session B2: Hydropower		B-127 (Old Msc Block)	Session B3: Sustainable Planning		B-128 (Old Msc Block)
	Chair: Ramesh Banstola			Chair: Dinesh Kumar Gupta			Chair: Prof. Dr. Sushil Bahadur Bajracharya		
	ID	Title	Presenter	ID	Title	Presenter	ID	Title	Presenter
	11002	A Review on the Behaviour of Composite Well-Pile Foundation (CWPF) Under Static and Dynamic Loading	Rajan KC	11001	Numerical Analysis of Manifold: A Case Study of Phukot Karnali Hydro Electric Project	Bardan Dangi	11007	Architectural Response Towards Healthcare Design	Bimala Basnet
	11022	Evaluation of Performance of Hot Asphalt Mix by Partially Replacing Stone Dust by Brick Surkhi as a Filler Material	Ramesh Pant	11004	Swat Analysis for Investigating River Discharge and Operation Curve on Kulekhani Reservoir	Bikesh Kasula	11014	Social Dimension for Evaluating Urban Public Spaces- A Case of Bhaktapur City Core	Libas Phaiju
	11030	GIS Modelling for Optimal Alignment Selection: A Case Study of Karputar to Yamdi Section, Midhill Highway	Ashok Poudel	11034	Flood Map Delineation Of Narayani River Using Hec-Ras, Hec-Georas and Arc-GIS	Krishna Aryal	11015	Transformation of Heritage Site in to Tourism Center	Sujata Shakya Bajracharya
	11042	Comparative study of Reinforced Concrete Structure by Non-Linear Static Pushover Analysis considering Behaviour of Fixed-Base and LRB Base Isolator	Bikal Bastakoti	11049	Reservoir Sustainability and Sediment Management- Case study: Kimathanka Arun Hydroelectric Project, Shankhuwasabha, Nepal	Prabesh Kshetri	11036	Residential Satisfaction of post-disaster resettled communities: A Case of Thakle Integrated Settlement	Barsha Shrestha
11067	Seismic Performance of Stone Masonry building of Jumla District	Dewakar Acharya	11069	Characterizing the Hydrologic Response of a Mountainous Basin: A Case Study of Marsyangdi River Basin	Niranjana Adhikari	11046	Craft Conservation and Tourism Development (A Case Of Lalitpur core)	Dipa Shakya	

Day 2: March 10, 2022 (Falgun 26, 2078)

09:00 to 10:00	Keynote 3: "Quantum Computing in Engineering" by Prof. Dr. Shashidhar Ram Joshi					
10:00 to 11:00	Session C1: Electrical and Mechanical Design		Electronics Hall	Session C2: Artificial Intelligence Applications		B-128 (Old Msc Block)
	Chair: Dr. Prabij Joshi			Chair: Prof. Dr. Shashidhar Ram Joshi		
	ID	Title	Presenter	ID	Title	Presenter
	11008	Economic Dispatch in Electric Grid Considering Demand Response using Dynamic Consensus-based ADMM Approach	Bhuban Dhamala	11005	A CNN-BGRU Method for Stock Price Prediction	Janak Kumar Lal
	11045	Impacts of Photovoltaic Penetration on Transient Stability of Power System	Radhika Kumari Sah	11021	Distribution System Fault Detection and Classification using Wavelet Transform and Artificial Neural Networks	Naval Kishor Sah
	11052	Study on Effect of Flow Rate and Number of Blades on Sizing of Archimedes Screw Turbine	Nishan Adhikari	11078	Machine Learning based DDoS Detection System in Software-Defined Networking	Diwos Karki
	11057	Comparative study of Variable Air Volume and Variable Refrigerant Volume for Automotive Workshop	Subigyamani Bhandari			
11:00 to 12:00	Lunch					
12:00 to 13:00	Closing					