

IOE Graduate Conference 2016 : Program Schedule

Venue: IOE, Pulchowk (ICT Center/Architecture Hall)

Day 1 (Novemver 18, Friday)

9:00 to 9:30	Registration	Venue: Architecture Hall
9:30 to 10:00	Inauguration by Chief guest Honorable Dr. Arbind Kumar Mishra (Member, National Planning Commission)	
10:00 to 10:30	Keynote Speech: "Role of Gender in Engineering Studies" by Prof. Martina Keitsch (NTNU, Norway)	

Time	Session A: Energy Planning & Management				Session B: Infrastructure		
	Paper ID	Title	Presenting Author		Paper ID	Title	Presenting Author
10:45 - 12:30	1013	Plant Operation Optimization- A Case Study of Middle Marsyangdi Hydropower Station	Sajan Shrestha	Venue: ICT Center	1022	Analysis of Transportation Network and Spatial Economy- Network influence on Urban Potentiality	Prem Nath Bastola
	1017	Performance Assessment and Analysis for Potential Promotion of Improved Cookstoves in Nepal under Market/Non-Market Mechanism	Umesh Sharma		1041	Post Construction Effectiveness of Kathmandu-Naubise Alternative Road	Ajana Bhatta
	1021	Transmission Loss Minimization Based on Optimal Power Flow Using Genetic Algorithm- A Case of Integrated Nepal Power System (INPS)	Bishal Lamichhane		1049	Liquefaction Susceptibility Mapping of Kathmandu Valley	Ashish Bastola
	1040	Sustainability of Micro Hydro Projects in Lalitpur district, Nepal	Ramesh Ranabhat		1060	Dynamic Characteristics Study of RCC Building using Micro Tremor measurement in Thapathali, Kathmandu Nepal	Thaman Bahadur Khadka
	1057	Consumer attitudes towards online grocery shopping in Kathmandu valley	Saban Kumar KC		1066	Evaluation of the Turbidity Removal Performance of Upflow Gravel Filter	Akrur Nath Sharma
	1091	The Effects of Economy of Scale of Production on Energy Mix and GHGs Emissions for the Industries of Electricity Deficient Nation: A Case Study of Nebico Foods and Confectioneries Pvt. Ltd.	Subash Bhandari				

12:30 - 13:30	Lunch
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Day 1 (November 18, Friday)

Time	Session C: Technology - I			Venue: ICT Center	Session D: Structural Analysis		
	Paper ID	Title	Presenting Author		Paper ID	Title	Presenting Author
13:30 - 15:00	1011	Design and Simulation of Solar Electricity Based Induction Cooker using Quasi Resonant Topology	Bikal Adhikari	1029	Macroscopic Design and Determination of Suitability of Linear Viscous Dampers for Seismic Response Reduction of Historical Timber Masonry Building	Saroj Dhakal	
	1019	Estimation of Biogas Potential and Sizing of Anaerobic Digester for Malangwa Municipality, Sarlahi, Nepal	Ram Bali Mahato	1079	Fatigue Damage Model in Plain Concrete Utilizing Damage Mechanics Theory	Aakarsha Khawas	
	1025	Effects of Binder and Charcoal Particle Size on Physical and Thermal Properties of Beehive Briquette	Pushkar Bhattarai	1080	Probabilistic Seismic Hazard Analysis of Nepal considering Uniform Density Model	Sunita Ghimire	
	1045	Techno-Economic Feasibility of Solar based Vehicle Charging Station at Tribhuvan International Airport	Sunil Poudel	1081	Probabilistic Seismic Hazard Analysis of Nepal	Bidhya Subedi	
	1067	Design, Fabrication and Testing of Proso Millet De-husking Machine	Khem Gyanwali	1082	Generation of synthetic ground motion	Rajesh Kumar Shrestha	

15:00 - 15:30	Break
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Time	Session E: Technology - II			Venue: ICT Center	Session F: Power System		
	Paper ID	Title	Presenting Author		Paper ID	Title	Presenting Author
15:30 - 17:00	1016	Analysis and Design of Bifurcation for KulekhanIII Hydroelectric Project	Dipesh Thapa	1034	Evaluation of Transmission Pricing Methodologies for Nepalese Power System in Restructured Environment	Sushil Aryal	
	1072	Experimental Study on the Properties of Concrete with the Partial Replacement of Sand by Rice Husk	Pushpa Poudyal	1035	Optimal Harmonic Filter Placement for Power Quality Improvement in Industrial Distribution Network	Subash Dahal	
	1074	Improvement of Screw life of Rice Husk Briquetting Machine by Using Different Types of Hardfacing Welding Rods	Shivajee Sharma	1044	Micro & Mini Hydro Based Mini-Grid for Rural Energy Access in Taplejung, Nepal	Nagendra Prasad Chaudhary	
	1078	Product Evaluation of RijalTashi Industries Pvt. Ltd. using Analytical Hierarchy Process	Rojan Shrestha	1047	Improvement on Power Sharing Control Strategies of Synchronous Generator Based Islanded Microgrid Power System	Bikram Paudel	
	1083	Study on Effect of Adding Booster Runner in Conical Basin: Gravitational Water Vortex Power Plant: A Numerical and Experimental Approach	Ankit Gautam				

Day 2 (November 19, Saturday)

9:00 - 10:00	Keynote Speech: Prof. Sanjay Dhande (Fomer Director, IIT-Kanpur)	Veune: Architecture Hall
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Time	Session G: ICT, Planning			Session Chair: Dr. Surendra Shrestha			Session H: Poster Session			Session Chair: Prof. Bhadra Pokharel		
	Paper ID	Title	Presenting Author	Paper ID	Title	Presenting Author	Paper ID	Title	Presenting Author	Paper ID	Title	Presenting Author
10:30 - 12:00	1059	Eco city and other ecological approaches in urban planning: A review of the state-of-the-art	Sangeeta Singh	1012	Energy Mix Opportunity of Vapor Absorption Refrigeration System Integrated With Solar Collectors: A Case Study of Hotel Shangri-La	Prashant Raj Neupane	1014	Challenges for adapting E-Commerce in Agriculture in Nepalese Context – A case study of Kathmandu Valley	Saban Kumar KC	1018	Residential Sector Energy Demand and Analysis of Resunga Municipality, Gulmi, Nepal	Biswambhar Panthi
	1064	Home Based Enterprises in Traditional Settlements of Kathmandu Valley (Study of Textile Enterprises in Thaiba)	Nisha Shrestha	1023	An Approach to wind-solar hybrid system optimization for rural electrification in Nepal	Pukar Acharya	1024	Hazard Evaluation of Lithium-ion Battery Used in Mobile Devices using SMUG model	Bhoj Raj Kafle	1026	Assessment of Master's Program under Mechanical Department of Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal	Amar Adhikari
	1071	Intercell Interference Mitigation in LTE-Advanced Heterogeneous Network	Prem Bahadur Chhetri	1027	Light Weight Concrete Brick using EPS: Preparation and Cost Estimation	Pratichhya Pradhan	1031	Analysis of Soil nature and Soil texture class of Common Bricks of Kathmandu Valley	Kushal Kumar Kafle	1032	Passive Solar Building Design Strategies in Lalitpur, Pokhara and Dharan Cities of Nepal	Prativa Lamsal
	1076	Performance Analysis of Carbon Based Nano-Antenna	Shambhu Singh Bist	1043	Grid Connected Bagasse Cogeneration Potential in Nepal and its Load Flow analysis in INPS	Sagar Mani Gnawali	1068	Monitoring Tool for User Friendliness of Emergency Pit Latrine: A Case Study of Tudikhel Camp Area after 2015 Earthquake	Anjil Adhikari	1069	Analysis and Prediction of Stock Prices of Nepal using different Machine Learning Algorithms	Pushkar Khanal
	1093	Content Distribution and Localization: Sustainable and Efficient Model of Digital Internet Content Management	Krishna P Bhandari	1077	Improving Nepali Document Classification by Neural Network	Diwas Sharma	1097	A map-reduce model to find longest common subsequence using non-alignment based approach	Narayan Prasad Kandel			
	1096	Evaluation of a determinant of nth order	Shesraj Kumar Sharma									

12:00 - 13:00	Lunch
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13:00	Closing
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