

**IOEGC-16 :: Details of Poster Session - III (Day 3 - April 20, 2025)**

S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
1	PS3-01	14	Probabilistic Load Flow Analysis of INPS using Monte Carlo Simulation	Sujan Khanal	Electrical Engineering
2	PS3-02	282	Optimal Location of Electric Vehicle Charging Station on Khaireni Feeder-Lekhnath, Pokhara using PSO Algorithm	Shreedhar Dangi	
3	PS3-03	299	Analysis of PV and Wind System Microgrid in Grid Connected and Islanding Mode of Operation	Shamsher kumar Singh	
4	PS3-04	59	Optimizing EV Charging station with RL based Solar DER integration	Aryasupurna Timalcina	
5	PS3-05	127	Power Quality Improvement using Shunt Active Power Filter	Nimesh Risal	
6	PS3-06	475	Voltage Stability Assessment of Integrated Nepal Power System	Bimal Adhikari	
7	PS3-07	484	Techno-economic analysis of vehicle to grid technology in Nepal	Niroj Bhujel	
8	PS3-08	497	Harmonic Analysis and Mitigation Strategies for EV Charging Station Integration in Distribution System Network	Isha Tiwari	
9	PS3-09	157	Design, Fabrication and Testing of a Smart Heating Table	Madhab Kumar Thapa	Mechanical and Energy Engineering
10	PS3-10	452	Numerical Investigation of Surface Vortices in Hydropower Intakes Using OpenFOAM	Pooja K.C	
11	PS3-11	288	Hydrodynamic Forces and their Effect on Structural Design of Vertical Lift Gate	Ranjeet Twayna	
12	PS3-12	404	A Comparative Study of NACA 23012 and 2412 Airfoils for STOL	Kushal Neupane	
13	PS3-13	102	Energy consumption pattern in post disaster constructed temporary shelter: A case study of Rimna, Jajarkot	Adhish kumar khadka	
14	PS3-14	51	Development and Analysis of Hybrid Renewable Energy Integration Model for a Generic Military Battalion in UN Peacekeeping Operation	Ghanashyam Chuhan	
15	PS3-15	136	Impact Assessment of Photovoltaic Bulbs in Non-Electrified Rural Households: A Case of Jaimini-1, Baglung, Nepal	Suraj Khanal	
16	PS3-16	171	Optimizing an Agrivoltaic System through Panel Configurations and Financial Analysis	Upama nepal	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
17	PS3-17	154	Optimizing Energy Efficiency and Thermal Satisfaction in Modern Residential Building: Simulation Based Approach	Abinash Dev	Architecture
18	PS3-18	162	The Role of Workplace Design in Work Satisfaction Among Architects	Shraddha Parajuli	
19	PS3-19	280	Winter Dynamics of Urban Heat Islands in Kathmandu Valley: Assessing Impacts	Priyanka Gupta	
20	PS3-20	297	Heat Map-Based Comparative Analysis of Green and Concrete Roofs for Urban Heat Island Mitigation in Kathmandu Valley	Adarsha Maharjan	
21	PS3-21	307	Analysis of Thermal and Visual Performance in Naturally Ventilated Secondary School Buildings in Nepal	Srijana Goja Shrestha	
22	PS3-22	337	Evaluating the Thermal Performance of Stabilized rammed earth Walls in Residential Buildings during winter:A case of Dekaido onsen, Budhanilkantha	Bibek k.c.	
23	PS3-23	433	Traditional Public Space: A case of Madhyapur Thimi	Sujan Shrestha	
24	PS3-24	461	Investigating Geometric Innovations in High-Rise Architecture of Kathmandu	Sujan Sahukhala	
25	PS3-25	538	Assessment of Green Building Technology Attributes Preferences in Residential Building-A Case Study in Context of Pokhara	Sunil Kumar Chaudhary	
26	PS3-26	499	Infrared Thermography for Assessing Thermal Bridges in Residential Buildings: Identification and Analysis of Critical Heat Loss Locations in a Temperate Climate	Ritik Shrestha	
27	PS3-27	266	Assessing the Current Patterns of Balcony Usage in High-Rise Apartments in Kathmandu	Sabi	
28	PS3-28	133	Addressing Urban Water Scarcity through Community Engagement and Decentralized Solutions: A Case of Dharan	Siddhartha Bhujel	
29	PS3-29	216	An Assessment on Public Bus Service Quality Based on Users' Perceptions: Case of Pokhara Metropolitan City	Dipesh Thapa	
30	PS3-30	217	Evaluating River Setback in Kathmandu Valley: Integrating Socio-Economic Factors into Policy Development	Binisha Shahi	
31	PS3-31	226	Development Management in Emerging Town Along BP Highway: A Case of Bhakundebesi	Sandra Joshi	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
32	PS3-32	270	Economic Shift and Urban Transformation of Siddhipur	Manita Shrestha	Architecture
33	PS3-33	305	Regulatory Gap and Youth-Driven Adoption: A Study of Ride-Hailing Services in Kathmandu Valley, Nepal	Ronesh Shahi	
34	PS3-34	345	Gender-Inclusive Urban Space: Enhancing Women's Safety in Cross-Border Mobility at the Indo-Nepal Border case of Biratnagar-Jogbani	Sujan Kumari Chaudhary	
35	PS3-35	385	Assessing the Causes and Contributing Factors of Urban Flooding: A Case Study of Dhangadhi Sub Metropolitan City	Kshitiz Bhatta	
36	PS3-36	394	Rural Tourism Development, Spatial Change and Livelihood Dynamics: Case of Pumdikot, Pokhara	Rashmita Ghimire	
37	PS3-37	449	Revitalizing Taksar Bazar: An Urban Design Approach to Economic Regeneration through Urban Refill and Architectural Interventions	Priyanka Karn	
38	PS3-38	463	Spatial Distribution and Accessibility of Public Urban Green Spaces in Nagarjun Municipality, Kathmandu	Sanjay Kumar Rokka	
39	PS3-39	269	Resettlement Preferences of Informal Settlements along the Bagmati River in Kathmandu Valley	Sekiya Shakya	