

IOEGC-16 :: Details of Poster Session - II (Day 2 - April 19, 2025)

S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
1	PS2-01	122	Design and Implementation of Microcontroller Based Mini Oscilloscope	Ashim Panthi	Electronics and Computer Engineering
2	PS2-02	309	Development of a Remote NICU for Rural application with Real-Time Monitoring of Vital metrics	Abhishek Yadav	
3	PS2-03	490	Obstacle Detection for Visually Impaired	Abhishek Laudari Bhat	
4	PS2-04	503	Historical Sites Explorer Using BLE Technology	Chirag Kuinkel	
5	PS2-05	205	Open RAN and AI's Roles In 6G Networks	Bikash Kandel	
6	PS2-06	322	Restaurant Recommendation System using DistilBERT-NCF Model	Shreekar Tiwari	
7	PS2-07	360	Depression-Alleviating Music Detection Using Krumhansl-Schmuckler Key-Finding Algorithm and Musical Key Characteristics	Youbraj Kafle	
8	PS2-08	380	Sentiment Analysis of Nepali Airlines Companies	Pradeep BC	
9	PS2-09	386	AI-Based Online Exam Proctoring System	Dharti Raj Shah	
10	PS2-10	428	User-centric Serverless Deployment Architecture using AWS Lambda	Amrit Jha	
11	PS2-11	76	GAN Augmented Deep Learning For Lung Disease Classification	Nikesh Neupane	
12	PS2-12	396	Detection of Strawberry Leaf Spot Diseases Using Faster R-CNN on Kakani Farm Dataset	subash pandey	
13	PS2-13	150	Pose estimation for cricket bowler using CNN , Heatmap regression and DeeplabV3	Avay Kafle	
14	PS2-14	230	Real-Time Employee Face Recognition with MTCNN, FaceNet, and Extreme Value Machine (EVM) Techniques	Niranjan Shrestha	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
15	PS2-15	240	Thermal Infrared-to-RGB Image Translation based on GAN Architecture	Deepak Bastola	Electronics and Computer Engineering
16	PS2-16	313	Facial Emotion Recognition System Tailored For Diverse Nepali Ethnic Group	Sriyanka Baral	
17	PS2-17	470	Permission-Based Risk Assessment of Nepali Mobile Applications Using VAE and DistilBERT	Poshan Karki	
18	PS2-18	492	Resource Impact of Application Layer DDoS Attacks on ESP32 Using LSTM for Prediction	Saroj Doranga	
19	PS2-19	362	A Solution to the Face DeepFake Detection Challenge using ResNet	Rupak Neupane	
20	PS2-20	57	Enhanced Retrieval for QA System Tailored for Nepali Legal Documents Focusing on PSC Examinations Using GPT-4 and RAG Framework	Nabin Bhusal	
21	PS2-21	481	Context-Aware Question Answering for EDI Datasets Using a Generative Approach	Tika Sah	
22	PS2-22	182	Detection of Fake News in Nepali Language Using Transformer-Based Natural Language Processing Models	Bishal Maharjan	
23	PS2-23	235	Fine-Tuning Wav2Vec2 for Nepali Speech Emotion Recognition: Leveraging a Pre-Trained English Model	Rashika Karki	
24	PS2-24	340	Leveraging Indic Speech Models for Nepali Automatic Speech Recognition	Ashish Devkota	
25	PS2-25	278	IntelliTax: Transformer based Question-Answering System for Tax Regulations of Nepal	Rupesh Poudel	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
26	PS2-26	482	Performance Evaluation of Intersection: A Case Study of Rastra Bank Chowk	Sanjeev Dhakal	Civil Engineering
27	PS2-27	295	Evaluation of Rockmass Permeability in Tunnel - A Case Study From Setikhola Hpp, 22mw	Suraj Shreesh	
28	PS2-28	170	Assessment of Stability Issues in Tunnel : A Case Study from Rahughat Mangale Hydroelectric Project	Taranga Baral	
29	PS2-29	180	Stability Analysis and Support Design on Sub-Surface Mine: A Case Study of Ganesh Himel Mine of Nepal Himalaya	Pramesh Paudel	
30	PS2-30	361	Geotechnical Assessment of Tunnels in Soft Ground: Case Studies of Hydropower Tunnels from the Himalaya	Sabin Adhikari	
31	PS2-31	138	Comparison Between Japanese (NEXCO) and Q-System of Rock Mass Classification - A Case Study from Nagdhunga Road Tunnel	Dipa Poudel	
32	PS2-32	201	Rock Engineering Challenges and Support System Design for Hydropower Tunnels in Weak Rock Conditions: A Case Study of the Khimti-2 Hydroelectric Project, Nepal	Sagar acharya	
33	PS2-33	225	Probabilistic Assessment of Rock Mass Quality in a Tunnel: A Case Study of Karuwa Seti Hydropower Project	Sudip Adhikari	
34	PS2-34	179	Assessment of Water Ingress in Underground Mining: A Case Study of Ganesh Himel Zinc-Lead Mine	Anil Nepal	
35	PS2-35	346	Impact of Kanke Deaurali Concrete Gravity Dam Breaching	Bharat Raj Pandey	
36	PS2-36	476	Ranking and Evaluation of CMIP6 Climate Models Using Extreme Climate Indices: Application to the Seti Gandaki River Basin	Susmita Khanal	
37	PS2-37	348	Disaster Resilience through Historic Water Management System: A Case Study of Historical City Dolakha Bazaar, Bhimeshwar municipality	Sonika Pote Shrestha	
38	PS2-38	215	Hydrodynamic Modelling of Imja Lake Outburst Flood and Its Impact on Downstream Dudhkoshi-9 Hydropower Project	Binay Rimal	
39	PS2-39	421	Application of GRACE product at a local scale: A Case Study of the Lower Koshi Region	Ashish Ganesh	
40	PS2-40	516	Predicting permafrost distribution using Analytical, Statistical, And Machine Learning models	Bhawasagar Ranabhat	