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Venue: National Institute of Engineering and Technology, Kopundole, Lalitpur

Final List of Papers for Poster Presentation (Subject to Change)

S. No.	Presenting Author, Paper Title
PP1	Lekhnath Kandel , Department of Applied Sciences & Chemical Engineering, Pulchowk Campus, Tribhuvan University, Lalitpur, Nepal. <i>Metal-organic Frameworks Modified Cotton-derived Advanced Carbon for Dyes Removal</i>
PP2	Rajesh Shrestha , Department of Applied Sciences & Chemical Engineering, Pulchowk Campus, Tribhuvan University, Lalitpur, Nepal. <i>MOF Derived Self-standing Electrode using Cellulose Material</i>
PP3	Prakash Bhandari , Kalika Secondary School, Rambazar-10, Pokhara, Nepal. <i>A Review on Recent Progress in Lead-Free Perovskite-Based Solar Cell Materials</i>
PP4	Arati Pradhan , Central Department of Chemistry, Kirtipur, Kathmandu & Department of Chemistry, Tri-Chandra Multiple Campus, Kathmandu, Nepal. <i>Green Synthesis and Characterization of Zinc Oxide (ZnO) Nanoparticles from Moringa Oleifera Leaf Extract and its Antimicrobial Activity</i>
PP5	Kabita Bist , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Bio-Adhesives as Sustainable Materials for the Future</i>
PP6	Khem Raj Bhatta , Central Department of Chemistry, & Amrit Campus, Tribhuvan University, Lainchaur, Kathmandu, Nepal. <i>Conversion of Ficus lacor Lignocellulosic Fibers into Sustainable Handmade Paper Sheets: Structure-Property Relationships</i>
PP7	Sirisha G.C. , Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal. <i>Preparation of Protein-Based Bioplastics and Bioadhesives for Biomedical Applications</i>
PP8	Sushmita Chaudhary Tharu , Department of Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal. <i>Preparation of Bamboo Paper and Comparison of Its Properties with Other Commercial Papers</i>
PP9	Anupama Rajya Shahi , SchEMS College, Koteswor, Kathmandu, Nepal. <i>Synthesis and Comparative Evaluation of Nanobiochar from Three Major Invasive Plant Species of Nepal</i>
PP10	Ayusha Bandana Regmi , Department of Physics, IOST, Prithvi Narayan campus, Pokhara, Nepal. <i>Organometallics to Metal- Organic Frameworks for Carbon Capture: Using Density Functional Theory</i>
PP11	Bhijan Neupane , Materials Science and Nanotechnology Laboratory, Nepal Academy of Science and Technology (NAST), Lalitpur, Nepal. <i>Binder-Enabled Green ZnO/TiO₂ Bilayer Coatings on FTO for Structural, Optical, and Photocatalytic Applications</i>
PP12	Devendra Khadka , Central Department of Chemistry, Tribhuvan University, & Department of Chemistry, Tribhuvan Multiple Campus, Tribhuvan University, Tansen, Palpa, Nepal. <i>Effect of Calcination Temperature on the Structural, Optical, and Photocatalytic Properties of Green Synthesized NiO Nanoparticles</i>
PP13	Dhirendra Prasad Upadhyay , Department of Physics, Tri-Chandra Multiple Campus, Kathmandu, Nepal. <i>Integrated Machine Learning, Molecular Docking, Molecular Dynamics, and Quantum Mechanical Investigation of Natural Compounds as Potential URAT1 Inhibitors Against Hyperuricemia</i>
PP14	Dhan Raj Rokaya , Department of Chemistry, Tri-Chandra Multiple Campus, Kathmandu, Nepal. <i>Investigation of Cedar (Cedrus deodara) Essential Oil as a Natural Preservative for Bamboo Paper</i>
PP15	Jaga Nath Bashyal , Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal. <i>Fabrication and Characterization of Coconut Shell Lignin-Based Starch/CMC Bio-Adhesives Enhanced with Natural Rubber</i>
PP16	Bishal Bhandari, Alen Sherpa, Prasuna Gautam , National Institute of Engineering and Technology, Lalitpur, & Nepal Polymer Institute, Kathmandu, Nepal. <i>Fabrication of Antibacterial Lokta-Based AgNP/Hydroxyapatite Composite Scaffold for Bone Tissue Engineering</i>
PP17	Manju Regmi , Amrit Campus, Tribhuvan University, Kathmandu, Nepal. <i>Manganese dioxide Decorated Nanoporous Activated Carbon Derived from Terminalia chebula Seed for Enhanced Supercapacitor Performance</i>
PP18	Manjul Kumar Karn , Department of Chemistry, Tri-Chandra Multiple Campus, Kathmandu, Nepal. <i>Potassium Hydroxide Activated Nanoporous Carbon Materials derived from the Diploknema butyracea (Roxb.) H.J. Lam Seeds</i>
PP19	Manjung Gurung , Department of Physics, Prithvi Narayan Campus, Tribhuvan University, Pokhara Nepal. <i>First-Principle Study on the Structural and Electronic Properties of Double Perovskite Rb₂GeCl₆</i>
PP20	Miran Thapa Magar , Department of Chemistry, Amrit Campus, Tribhuvan University, Kathmandu, Nepal. <i>Super- capacitive Performance of the Activated Carbon Derived from Spondias mombin (amaro) Fruit Stone</i>

PP21	Nirmala Adhikari , SchEMS College, Koteshwor-32, Kathmandu, Nepal. <i>Climate Trend Analysis of Temperature and Precipitation in Lumbini Province, Nepal</i>
PP22	Dipram Sunar , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Utilization of Lignocellulosic Biomass of Lantana camara L. in Handmade Paper Making</i>
PP23	Pravesh Niraula , Department of Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal. <i>Green Synthesis of ZnO Nanoparticles Using Ocimum tenuiflorum Leaf Extract: Characterization and Antimicrobial Activity</i>
PP24	Ram Narayan Sah (Raman) , Central Department of Chemistry, Institute of Science and Technology, Tribhuvan University, Kathmandu, Nepal. <i>Electrochemical Properties of Activated Carbon Derived from Syzygium cumini (L.) Skeels Seeds for Energy-Efficient Electric Double Layer Capacitor</i>
PP25	Rasmi Paudel , Prithvi Narayan Campus, Tribhuvan University, Pokhara, Nepal. <i>Weaving Metal with Organic Linker to Capture Toxic Gases: An Ab-Initio Study</i>
PP26	Rejina Bhatta , Department of Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal. <i>Fabrication and Characterization of Carbon Nanotube Incorporated Bamboo Paper</i>
PP27	Rikhi Ram Marasini, Nabin K.C. , Department of Microbiology, Pokhara Bigyan tatha Prabidhi Campus, Tribhuvan University, Pokhara, Nepal. <i>Seroprevalence of Dengue and Scrub Typhus among Febrile Patients Attending District Hospital Syangja, Nepal</i>
PP28	Sailendra Kumar Tripathi , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Exploring Photocatalytic, Antimicrobial and Antioxidant Efficacy of Green-Synthesized Zinc Oxide Nanoparticles</i>
PP29	Samridhi Shrestha, Milan Paudel , SANN International College, Purbanchal University, Kathmandu, Nepal. <i>Green Synthesis of Silver Nanoparticles Using Stingless Bee Honey and Evaluation of Their Antioxidant, Antimicrobial and Cytotoxic Properties</i>
PP30	Saragya Gyawali , Department of Chemical Engineering, Pulchowk Campus, Institute of Engineering, Tribhuvan University, Lalitpur, Nepal. <i>Waste Eggshell-Derived Fe-Modified Perovskite Material for Dye Removal</i>
PP31	Saroj Kumar Yadav , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Synthesis and Characterization of Bio-hydroxyapatite</i>
PP32	Shama Parwin Rangrej , Department of Chemistry, Prithvi Narayan Campus, Tribhuvan University, Pokhara, Nepal. <i>Sustainable Water Treatment: Utilizing Locally Sourced NaOH-Modified Rice Husk for Effective Pb (II) Adsorption</i>
PP33	Shree Krishna Dangol , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Study of Physico-chemical Properties of Hybrid Bio-Briquette</i>
PP34	Supriya Pradhan , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Effect of Cinnamon and Basil Essential Oil Ratio on the Mosquito Repellent Efficacy of Topical Cream Formulation</i>
PP35	Roshana Dhoju , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Cobalt Vanadium Oxysulphide-Polypyrrole Nanocomposite with Porous Carbon for Potential Supercapacitor Electrode</i>
PP36	Sushila Dhwonju , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Biomass-Derived Activated Carbon and Copper Vanadium Oxysulphide-PANI Composite for High-Performance Supercapacitor Electrodes</i>
PP37	Dipak Paudel , Central Department of Chemistry, Kirtipur, Kathmandu, & Department of Chemistry, Prithvi Narayan Campus, Tribhuvan University, Pokhara, Nepal. <i>Elucidating the Therapeutic Mechanism of Tambulin Against Lung Squamous Cell Carcinoma Through Network Pharmacology and Molecular Docking</i>
PP38	Kumari Shipra Parmar , Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Molecular Docking-Based Screening of Withania somnifera Phytocompounds Against Amyloid-β</i>
PP39	Situ Shrestha Pradhanang , Department of Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal. <i>Photocatalytic Degradation of Methylene Blue Dye Using Hydroxyapatite (Hap) Nanoparticles</i>
PP40	Bhabani Prasad Adhikari , Central Department of Chemistry, Kirtipur, Kathmandu, Nepal. <i>Material Properties of Lignocellulose Fiber Obtained from the Dhaincha Plant and its Application in Fabrication of Handmade Paper</i>
PP41	Sanuja Shrestha , Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal. <i>KOH-Activated Porous Carbon from Diospyros malabarica Seed Waste as a High-Performance Negatrode for Electric Double-Layer Capacitors</i>
PP42	Dipesh Tamang , Tri-Chandra Multiple Campus, Tribhuvan University, Nepal. <i>A DFT Study of Eugenol: Basis-Set Effects on Geometry, Vibrational Spectra, and Electronic Properties</i>
PP43	Rejina Chhetri, Bhumika Shrestha, Salina Pariyar, Ruchi Gurung, Rupesh Adhikari, Kiran Poudel , Prithvi Narayan Campus, Tribhuvan University, Pokhara, Nepal. <i>From Waste to Wad: Crafting Eco-Friendly Superabsorbent Polymers for Incontinence and Surgical Pads from Mixed Flora and Fauna Wastes</i>
PP44	Susma Poudel , Prithvi Narayan Campus, Tribhuvan University, Pokhara, Nepal. <i>Crafting Eco-Friendly Superabsorbent Polymer for Incontinence and Surgical Pads from Mixed Flora and Fauna Wastes</i>

PP45	Khaga Raj Ghimire , Butwal Campus, Tribhuvan University, Nepal. <i>Green Synthesis and Characterization of Silver Nanoparticles: Phytochemical and Antimicrobial Studies</i>
PP46	Mukunda Adhikari , Central Department of Chemistry, Kathmandu, Nepal. <i>Study of Morphology-Mechanical Properties Relationship of PBS/PLA Biopolymer Blend Reinforced with Argeli Fiber</i>
PP47	Devendra Bhul , Tri-Chandra Multiple Campus, Kathmandu <i>Size dependent Band Gap Tuning in Nanoparticulate Carbon black for Optoelectronic Devices: Experimental and Theoretical Insights</i>
PP48	Ikcha Shahi , Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal. <i>Synthesis Of Zinc Oxide (Zno) Nanoparticles Using Persicaria posumbu Leaf Extract and Study of Their Antibacterial Activity</i>
PP49	Nelson Rai , Nepal Polymer Institute, Kathmandu, Nepal. <i>Plant-Mediated Synthesis of Zirconia Nanoparticles Using Aqueous and Ethanolic Rhizome Extracts of Curcuma longa Physicochemical Characterization and Antibacterial Activity</i>
PP50	Kritika Gairhe , Department of Physics, IOST, Prithvi Narayan Campus, Nepal <i>Density Functional Theory Study of Graphene Nanoflakes</i>
PP51	Sumina Rana Magar , Department of Chemistry, Amrit Campus, Tribhuvan University, Kathmandu, Nepal <i>Synthesis of Cobalt Doped Nickel/Cerium Metal Organic Framework for Green Hydrogen Generation via Water Splitting</i>
PP52	Dinesh Karki , Prithvi Narayan Campus, Pokhara, Nepal <i>Black Carbon and Its Impact on Himalayan Region</i>
PP53	Dipa pun Magar , Department of Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Ghantaghar, Kathmandu, Nepal <i>Synthesis and Characterization of Zinc oxide/Starch Bioplastics Composites: Biodegradability and Antimicrobial Properties</i>
PP54	Janak Adhikari , Prithvi Narayan Campus, Pokhara, Nepal <i>Vetting and validation of TIC 420814525 using transit method</i>
PP55	Janak Singh Dhami , Department of Physics, Tri-Chandra Multiple Campus, Ghantaghar, Kathmandu <i>Plasma-Assisted Synthesis of Non-Metal-Doped Reduced Graphene Oxide (rGO) for Enhanced Electrochemical Energy Storage</i>
PP56	Yana Khristidis , Sechenov First Moscow State Medical University (Sechenov University) <i>Features of Urethral Remodeling Using Collagen Matrices: The Unforeseen Risk of Delayed Fibrosis</i>
PP57	Nunu Lal Sahu , Department of Physics, Tri-Chandra Multiple Campus, Kathmandu, Nepal <i>Activated Carbon Prepared from Local Bovid Leather (Skin) Waste for Supercapacitor Electrode Material</i>
PP58	Anup Karn , Central Department of Chemistry, Tribhuvan University, Kathmandu, Nepal <i>Synthesis and characterization of MXene//Vanadium Oxysulphide Composite for Supercapacitor Applications</i>
PP59	Sukadev Risal Upadhyaya , Kathmandu University, Dhulikhel Kavre, Nepal <i>Plasma Treatment on polymer for improvement of surface properties</i>
PP60	Bhabuk Nepal , School of Engineering, Pokhara University, Pokhara, Nepal. <i>Evaluation Of Biochar-Sand-Woven Polypropylene Plastic Filters for Onsite Greywater Treatment with Varying Sand Granularity and Hydraulic Flow Rates</i>
PP61	Ganesh Giri , Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal. <i>Hydrothermal Development of Fe, Ni-Doped 1T-MoS₂ Electrocatalyst for Sustainable Hydrogen Production</i>