

Invited Speakers List

Parallel Session, Zoology Lecture Hall, JPU			
IL. No.	Title of Paper	Name of Presenting Author and Affiliation	Lecture Timings
IL-10	A Green Approach for the Synthesis and Characterization of Silver Nanoparticles Using Ultrasonic Radiation's Times in butylacrylate medium	Dr. Indu Saxena, Department of Chemistry, University of Lucknow, Lucknow, India, 226007	11:40 AM – 11:50 AM
IL-11	An Insights onto Phthalazine Derivatives as Corrosion Inhibitors	Dr. Sudheer, Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow	11:50 PM – 12:00 PM
IL-12	Fast-Tracking Drug Discovery Process via Isocyanide-Based Multicomponent Reaction Strategies	Dr. Shashi Pandey, Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow	12:00 PM – 12:10 PM
IL-13	Plant-Mediated Synthesis of ZnO–Biochar Nanocomposites for Sustainable Wastewater Treatment	Dr. Amar Kumar, Department of Chemistry, Ram Krishna Dwarika College, Patliputra University, Patna	12:10 PM – 12:20 PM
IL-14	Mechanism-Guided Design of NHC-Based Manganese Pincer Catalysts for the Hydrogenation of N-Heteroarenes	Dr. Madhusudan Kumar Pandey, Department of Chemistry, B. N. College, Patna University, Patna	12:20 PM – 12:30 PM
IL-15	Deep Eutectic Solvents (DESs): A Green Approach for Drug Delivery Systems (DDSs)	Dr. Nisha Saxena, PG Department of Chemistry, M.R.M. College, A constituent unit of L.N. Mithila University, Darbhanga	12:30 PM – 12:40 PM
IL-16	Development of ferrocene-appended benzimidazopyridine and pyrroloquinoxaline probes for structure regulated distinct signalling of Fe ³⁺ in aqueous media and HeLa cells	Dr. Suman Srivastava, Department of Chemistry, Maharashi Vishwamitra College Buxar (A constituent unit of Veer Kunwar Singh University Ara), Bihar	12:40 PM – 12:50 PM
IL-17	Sustainable Nanotech Approaches for Agricultural Pollution Control	Dr. Neha Agarwal, Department of Chemistry Navyug Kanya Mahavidyalaya, Rajendra Nagar (University of Lucknow), Lucknow	12:50 PM – 1:00 PM

IL-18	Toward Sustainable Desymmetrization of meso-Anhydrides through Organocatalysis using pyrene-functionalized catalyst	Dr. Sushovan Paladhi, Department of Chemistry, T.P.S. College, Patna, Patliputra University, Bihar	1:00 PM – 1:10 PM
IL-19	Synthesis of rare 4-substituted (oxo-diaryl alkyl) isoquinolinium salts using green recyclable heterogeneous bifunctional SA-NEt ₂ catalyst via C-H bond activation	Dr. Shivam Maurya, of Chemistry, Maharana Pratap Government P. G. College, Hardoi	1:10 PM – 1:20 PM
IL-20	Moringa oleifera — Molecular Validation of a Pharmacognosy Benchmark	Dr. Sunita Singh, Department of Chemistry Navyug Kanya Mahavidyalaya, Rajendra Nagar (University of Lucknow), Lucknow	1:20 PM – 1:30 PM
IL-21	Oxidative Amidation in Water Using Lewis-Acid-Surfactant Combined Catalysts (LASCs)	Dr. O. P. S. Patel, Department of Chemistry, Patna Science College, Patna University	1:30 PM – 1:40 PM
IL-22	One Pot and Stepwise Synthesis of Thieno[3,2-c]pyridin-4-ones from Suitably Functionalized 2H-Pyran-2-ones	Dr. Satya Narayan Sahu, Department of Chemistry, Swami Atmanand Govt. English Medium Model College Ambikapur, Chhattisgarh	1:40 PM – 1:50 PM
IL-23	Bio-catalytic Approach to Synthesis of Modified Nucleosides	Dr. Rajesh Kumar, P.G. Department of Chemistry, R.D.S. College, B.R.A. Bihar University, Muzaffarpur, Bihar	1:50 PM – 2:00 PM
IL-24	Nanosensors for Water and Wastewater Remediation	Dr. Bablu Kumar, Department of Chemistry, Ram Krishna Dwarika College, Patliputra University, Patna	1:50 PM – 2:00 PM

Parallel Session, Chemistry Lecture Hall, JPU

IL. No.	Title of Paper	Name of Presenting Author and Affiliation	Lecture Timings
IL-25	CHEMICAL SENSOR FOR CYANIDE ION VIA DIFFERENT MECHANISM	Dr. Nirma Maurya, Department of Chemistry, Kamla Rai College (a Constituent Unit of J.P. University, Chapra) Gopalganj, Bihar	11:40 AM – 11:50 AM
IL-26	Development of Nucleoside Analogues for Viral Diseases	Dr. Maneesh K. Gupta, Department of Chemistry, H. R. College, Amnour, Jai Prakash University, Chapra, Bihar	11:50 PM – 12:00 PM
IL-27	Synthesis and Antiplasmodial Activity of Versatile Scaffold Isatin Based N ¹ -alkylated 3-β-C-glycoconjugated-oxopropylidene Oxindoles	Dr. Ravi Kumar Thakur, Department of Chemistry, Maharshi Vishwamitra College Buxar, (A constituent Unit of Veer Kunwar Singh University Arrah), Buxar	12:00 PM – 12:10 PM
IL-28	Quinoline Hybrids in Medicinal Chemistry: From Molecular Design to Biological Evaluation	Dr. Akanksha Upadhyay, Department of Chemistry, A.N. College Patna, Patliputra University, Patna	12:10 PM – 12:20 PM
IL-29	'Heterocycles' the Backbone of Medicinal Chemistry	Dr. Richa Singh, Department of Chemistry, Gaya College, Gaya, Bihar	12:20 PM – 12:30 PM
IL-30	An attempt to understand the long-term variations in primary productivity in the Northern Indian Ocean through remote sensing approach	Dr. Rupa Mukherjee, Department of Chemistry, Rajendra College, Jai Prakash University, Chapra	12:30 PM – 12:40 PM
IL-31	Structural and Magnetic Behaviour of Spinel Ferrites: A study of Co-Mg Spinel Ferrites	Dr. H. S. Mund, University Department of Physics, Jai Prakash University, Chapra, Bihar	12:40 PM – 12:50 PM
IL-32	Space Weather and Environmental Monitoring in the Sun–Earth System	Dr. Alok Ranjan Tiwary, University Department of Physics, Jai Prakash University, Chapra, Bihar	12:50 PM – 1:00 PM
IL-33	Friedel Oscillations in massive Dirac Systems	Dr. Anmol Thakur, Department of Physics, Jagdam College, Chapra	1:00 PM – 1:10 PM
IL-34	A Comprehensive Review on Anthracene-Derived Fluorescence 'Turn-Off' Sensors for the Ultra-Sensitive Detection of Picric Acid	Dr. Rajshree Singh, Department of Chemistry, Jagdam College, Chhapra	1:10 PM – 1:20 PM
IL-35	Use of MicroRNA in prostate cancer as diagnostic marker	Dr. Md. Waseem, University Department of Zoology, Jai Prakash University, Chapra, Bihar	1:20 PM – 1:30 PM
IL-36	Synergistic Approaches in Water Remediation: From DGT Monitoring and Biomimetic Synthesis to Synchrotron-Based Nanomaterial Transformation	Amarendra Dhar Dwivedi, Department of Chemistry, SGGGS College, Patliputra University, Patna	1:30 PM – 1:40 PM

IL-37	Experimental and Theoretical Insights into the Electronic and Magnetic Properties of AFe_2O_4 Spinel Ferrites	Dr. Saroj Dhaka, Department of Chemistry, Gramin Mahila P.G. College, Sikar, Rajasthan-332001 India.	1:40 PM – 1:50 PM
IL-38	Atomistic Simulations and In-Situ TEM at Extreme Temperatures Reveal Mechanisms of Carbothermal Reduction of Ta_2O_5 Nanoclusters	Dr. Vidyadhar Singh Department of Physics, Jai Prakash University, Chapra-Bihar	1:50 PM – 2:00 PM