



THE ACADEMY–ACS PUBLICATIONS FORUM EXPANDING FRONTIERS IN CHEMICAL SCIENCE

November 1, 2018 | Swatantrata Bhavan, Banaras Hindu University, Varanasi

POSTER SESSION 1530–1700 PM

■ *Exploring the impact of the Pb^{2+} substitution by Cd^{2+} in $CH_3NH_3PbI_3$ perovskite as a potential photovoltaic material*

Rajan Kumar Singh | H S Gour Central University, Sagar

■ *On water $CuCl_2@g-C_3N_4$ catalyzed synthesis of NH-1,2,3-triazoles via [2+3] cycloadditions of nitroolefins/alkynes and sodium azide*

Soumen Payra | IIT Kanpur

■ *Challenges of organic dual-state light emitters: Novel thermal enhancement mechanism*

Debdas Ray | Shiv Nadar University, Tehsil Dadri, India

■ *Biodiesel production using novel corncob-based solid acid catalyst: Kinetic modeling of batch experimental data & simulation of continuous process*

Zakir Hussain | Rajiv Gandhi Institute of Petroleum Technology, Harbanshganj, Amethi

■ *Antibacterial and allelopathic potential of two morphotypes of *lippia alba* (Mill.) N.E.Br. ex Britton & P. Wilson (Verbenaceae) from North India*

Archana Joshi | G B Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.

■ *Surface-modified titanium nanoparticle for the solvent-free recovery of bacterial bioactive molecule prodigiosin*

Arivizhivendhan K V | CLRI, Chennai

■ *Ga-covered hydroxyapatite bioceramic composite: Synthesis, characterization and electrical conductivity study*

Bishnupriya Nayak | Sambalpur University, Jyoti Vihar, Odisha

■ *Green synthesis of silver nanoparticles using *rosa damascena* hips aqueous extract, characterization and bio-medicinal applications*

Prabhakara Rao Dasari | Sam Higginbottom Institute of Agriculture, Technology & Services, Allahabad

■ *Phase tuned cobalt sulfide nanostructures for the removal of organic dye pollutants*

Afaq Ahmad Khan | IIT Patna

■ *Biosynthesis & characterization of gold nanoparticle mediated delivery of MCP I of carica papaya seeds as a male contraceptive in albin rats*

Irshad Mohammad | University of Rajasthan, Jaipur

■ *Metal impregnated zeolites and hydrogen spillover: Assessing enhanced acidity*

Parimal Parikh | SV NIT, Surat

■ *Design and synthesis of quinazolino-phenylacetamide hybrids as competitive NR1/NMDA antagonists to treat pharmacoresistant seizures*

Vinodkumar Ugale | R C Patel Institute of Pharmaceutical Education and Research, Shirpur

■ *Phenol red functionalized mesoporous Si nanoparticle in various system for developing effective pH sensing system*

Uvanesh Kasiviswanathan | IIT Banaras Hindu University

■ *Biological synthesis of silver nanoparticles: characterization and their potential application*

Suresh Subramaniam | SRM Institute of Science and Technology, Chennai

■ *Potassium iodate (KIO_3) - A novel reagent for the synthesis of isoxazoline derivatives and evaluation of their antimicrobial activity*

Sumana Y Kotian | University of Mysore

■ *Synthesis and characterization of gum ghatti/polyacrylamide hydrogels including $NiFe_2O_4$ nanoparticles*

Pragneshkumar N Dave | Sardar Patel University, Vallabh Vidyanagar

■ *Green approach for bioactive spirooxindoles having four contiguous stereocenters*

Madhuri P Rao | B M S College of Engineering, Bengaluru

■ *Upconversion@gold hybrid nanomaterial under FRET behaviour for biomedical application*

Abhishek Kumar Soni | BARC, Mumbai

■ *Light harvested bodipy dyads: The synthesis, photophysical behavior and application in triplet-triplet annihilation upconversion*

Syed Sibtey Razi | Magadh University, Bodh Gaya, Bihar

■ *New methodologies for carbonyl synthesis*

Avinash Srivastava | Malaviya National Institute of Technology, Jaipur.

■ *A novel biomimetic non-suturable patch based delivery system for beating heart*

Rama Shanker Verma | Department of Biotechnology, Indian Institute of Technology Madras, Chennai 600036

■ *Pyrene-functionalized luminescent receptors for cations sensing*

M. D. Pandey and Arpna Tamrakar | Banaras Hindu University, Varanasi