

Day 1: Thursday, January 23, 2025

Poster Session I: 15:00-16:30

ABSTRACTS ACCEPTED FOR PHOTOCHEMISTRY POSTERS	
PC-01	DESIGN AND SYNTHESIS OF pH-RESPONSIVE, WATER-DISPERSIBLE, S-DOPED RED EMISSIVE CARBON DOTS FOR BACTERIAL IMAGING <i>A. A. Pinheiro, M. Banerjee and A. Chatterjee</i>
PC-02	HALOARENE-DERIVED MULTIFUNCTIONAL AMIDES AND SULPHONAMIDES AS POTENTIAL DRUG CANDIDATES <i>Abinasha Biswal, Laxmi Narayan Sahoo and Satyanarayan Sahoo</i>
PC-03	SUPRAMOLECULAR HOST-GUEST COMPLEXATION OF AMPHIPHILIC STYRYL DYES WITH CYCLODEXTRIN DERIVATIVES <i>Supratim Koley, P. R. Gupta, N. Barooah, J. Mohanty and A. C. Bhasikuttan</i>
PC-04	DICARBATRIPHYRIN(2.1.1) AND ITS CARBACALIX[1]PHYRIN ANALOGUE: STRUCTURE-PROPERTY RELATIONSHIPS AND APPLICATION AS A Fe(III) CHEMOSENSOR <i>Adrija Kaya, Sourav Ranjan Pradhan, and A. Srinivasan</i>
PC-05	HOW PEG-BASED CROWDERS AFFECT ULTRAFAST ENERGY FLOW IN HEME PROTEINS <i>Ambika Prasad Kar, S. Majumdar and P. K. Chowdhury</i>
PC-06	PHOTOPHYSICAL STUDY OF A BENZOTHAZOLE DERIVATIVE AND ITS INTERACTION WITH CYCLODEXTRIN HOSTS <i>Ananya Bera and Sharmistha Dutta Choudhury</i>
PC-07	N-HETEROCYCLIC RESORCIN[4]ARENE CAVITANDS: A VERSATILE PLATFORM FOR DIFFERENT APPLICATIONS <i>Manini Nayak, Manas Ranjan Swain and Anita Pati</i>
PC-08	KINETIC INVESTIGATION OF BUTYLAMINE WITH OH RADICALS <i>Anjli Pal and Balla Rajakumar</i>
PC-09	SYNTHESIS AND BIOLOGICAL EVALUATION OF FLUORESCENT BENZOISOQUINOLONYL PEPTIDE/ TRIAZOLE CONJUGATED β -D-RIBOFURANOSE <i>Ankita Panda, S. Harsha Vardhan and Nagendra K. Sharma</i>

PC-10	ULTRAFAST DYNAMICS OF NONRIGID NICKEL PORPHYRIN DIMER <i>Sucheta Kundu, Arya Roychowdhury, Sankar Prasad Rath and Anindya Datta</i>
PC-11	FÖRSTER RESONANCE ENERGY TRANSFER FROM PYREDIYNE QUANTUM DOTS IN GEL MEDIA <i>Arulmozhi Puhazhendhi and Soumya Sivalingam</i>
PC-12	APPLICATION OF POLYMER-INDUCED AGGREGATION OF RHODAMINE 6G FOR SENSING SULFIDE IONS IN WATER <i>Ayentika Sen, Aruna K. Mora, Alok K. Ray, Asawari D. Rath and Sukhendu Nath</i>
PC-13	DECIPHERING THE SYNERGISTIC INFLUENCE OF CONJUGATED RHODANINE ACCEPTORS IN D-D'-A FRAMEWORKS FOR PHOTOVOLTAIC APPLICATIONS <i>Bhuvaneesh Ilango, Collinica Syiemlieh, Marappan Velusamy and Arunkumar Kathiravan</i>
PC-14	BIO-INSPIRED METAL-ORGANIC FRAMEWORK (MOF)DERIVED MATERIALS FOR ELECTROCHEMICAL APPLICATION <i>Litun K. Pradhan and J. N. Behera</i>
PC-15	GOLD NANOTRIANGLE TETHERED MONOSTABLE [2]ROTAXANE FOR SELECTIVE FLUORIDE ANION DETECTION <i>Chavda Gayatri, Suvankar Dasgupta and Aniruddha Paul</i>
PC-16	EXPLORING THE SPECIFIC ROLE OF IRON CENTER ON THE CATALYTIC ACTIVITY OF HUMAN SERUM TRANSFERRIN: CTAB-INDUCED CONFORMATIONAL CHANGES AND SEQUESTRATION BY MIXED MICELLES <i>Rahul Yadav, Atanu Nandy, Asim Bisoi and Saptarshi Mukherjee</i>
PC-17	EFFECT OF BIMETALLIC NANOCOMPOSITE SYSTEM (Au@Ag) ON THE ENZYMATIC ACTIVITY MODULATION OF α -CHYMOTRYPSIN <i>Chinmayee Patra and Moloy Sarkar</i>
PC-18	THEORETICAL EXPLORATION OF TWO-DIMENSIONAL MATERIALS FOR OPTICAL, THERMAL AND ELECTRICAL PROPERTIES <i>Dhananjay and Ravi Kumar Kanaparthi</i>
PC-19	PHOTOPHYSICAL CHARACTERISTICS OF 3-(2,4-DICHLORO-PHENYL)-1-(3-METHOXY-PHENYL)-PROPENONE: EXPERIMENTAL AND COMPUTATIONAL APPROACH <i>Divya Jattu Gouda, B Siddlingeshwar, and Shivraj B Radder</i>
PC-20	SURFACE FUNCTIONALIZED GOLD NANORODS FOR TARGETED PHOTOTHERMAL THERAPY <i>Rupayana Panda and Jasaswini Tripathy</i>

PC-21	GAS-PHASE PHOTOLYSIS AND OH REACTION KINETICS OF VINYL METHACRYLATE <i>Atanu Halder and B. Rajakumar</i>
PC-22	FLUORESCENT BASED DETECTION OF ANTIINFLAMMATORY DRUGS USING CAPPED CADMIUM SULFIDE QUANTUM DOTS <i>K. Dhanalakshmi and K. Swarnalatha</i>
PC-23	MOLECULAR-LEVEL CHARACTERISATION OF THE CHALCOGEN BOND INTERACTION: A CASE STUDY OF THIOPHENE WITH DIMETHYLACETAMIDE <i>Heena Charaya, Riya Saha, Debabani Ganguly, Amrita Chakraborty and Shamik Chakraborty</i>
PC-24	OLYDOPAMINE-FUNCTIONALIZED IRON OXIDE NANOPARTICLES: SYNTHESIS, CHARACTERIZATION, AND INTERACTION WITH HUMAN SERUM ALBUMIN <i>Himanshu Shekhar, Priyatama Behera, Monalisa Mishra and Harekrushna Sahoo</i>
PC-25	BINDING CATIONS AND COUNTER ION'S ROLE IN THE INTERFACIAL WATER NETWORK AROUND DIBENZO-18-CROWN-6 ETHER <i>Anmol Virmani, A. Saha, M. P. Walavalkar, A. Sharma, S. Sengupta and A. Kumar</i>
PC-26	PROBING THE INTERACTION MECHANISM BETWEEN COPPER NANOCUSTER AND CALF THYMUS DEOXYRIBONUCLEIC ACID <i>Jyoti Ghosh and Moley Sarkar</i>
PC-27	LIGHT-INDUCED REVERSIBLE INTERCONVERSION OF FCC Ag ₁₄ NCS TO HEXAGONAL Ag ₇ NCS: PARTICLE-ASSISTED REVERSIBLE INTERCONVERSION <i>Paritosh Mahato, Koushik Mandal, Khokan Paria, Deepak Chopra, Saptarshi Mukherjee</i>
PC-28	TARGETING AMYLOID FIBRILS VIA MACROCYCLIC TEMPLATED SILVER NANOPARTICLES <i>Monika Gaur, R. Khurana, N. Barooah, A. C Bhasikuttan and J. Mohanty</i>
PC-29	PROTEIN CONFORMATION, DYNAMICS AND FUNCTION: A CORRELATION WITH SHAPE AND SIZE OF MACROMOLECULES <i>Laxmipriya Prusty and Harekrushna Sahoo</i>
PC-30	PROBING AROMATICITY WITH SUPERSONIC JET SPECTROSCOPY <i>Akshay Kumar Sahu, Anant Ram Satpathi, SaiprakashRout, LaxmipriyaDash and Himansu S. Biswal</i>
PC-31	DESIGN & FABRICATION OF ECOFRIENDLY R-PE INCORPORATED HYDROGEL STRIPS FOR THE SELECTIVE DETECTION OF Hg ²⁺ IN AQUEOUS MEDIA <i>Manikandan C and John Prakash</i>

PC-32	SPECTROSCOPIC INVESTIGATION ON SOLVATOCHROMISM OF 7-AMINOFLAVONE: AN EXPERIMENTAL AND COMPUTATIONAL APPROACH <i>M. Suhail, N. Fatma, R. C. Joshi, P. Pant, S. Pant</i>
PC-33	ORIENTATION OF HYDROCARBON CHAINS OF TRIBUTYL PHOSPHATE IN BULK AND INTERFACE OF WATER <i>Mohini P. Walavalkar, Anmol Virmani, Asmita Sharma, Ankur Saha, Sumana Sengupta</i>
PC-34	NEW ELECTRON DONOR-ACCEPTOR MOLECULES BASED ON 2-(4H-CHROMEN-4-YLIDENE) MALONONITRILE FOR SENSING AND BIOLOGICAL APPLICATIONS <i>Gummadi Leela Prabha Anisha and Ravi Kumar Kanaparthi</i>