

INDIAN CHEMICAL SOCIETY

MONTH LONG AUGUST SYMPOSIUM 2020

1. List of Young Scientist Awardees: S. S. Bhatnagar Young Scientist Award

A. Poster

Name	Address	Title of Presentation
Mr. Manik Das	Department of Chemistry, Prabhat Kumar College, Contai, Email: manikdas12012@gmail.com	Bi-dented Schiff Base Coordinated Cu (II) and Zn (II) Complexes : Synthesis, Crystal Structure, DNA/Protein Binding, Molecular Modelling Study and cellular nuclear morphology
Mr. Debayan Chatterjee	National Institute of Pharmaceutical Education and Research (NIPER)-Ahmedabad Palaj, Gandhinagar, Guj Email: debu06781@gmail.com	Identification of Natural Products Possessing Glucagon Like Peptide-1 Receptor Agonist Activity from the Plants Recognized to have AntiDiabetic Potential
Ms Ananya Das Mahapatra	ICMR – National Institute of Cholera and Enteric Diseases P-3, C.I.T Road, Scheme – XM, Beliaghata, Kolkata – 700010 Email: anurimbi@gmail.com	A fight between Defense Weapons of the Immune System and COVID-19 virus
Mr. Shasanka Sekhar Mishra	Bhupal Nobles' College of Pharmacy, Bhupal Nobles' University, Udaipur-313001, Rajasthan, India Email: shashankmedchem09@gmail.com	Structural insights into the binding mechanism prediction of triazolothiadiazoles as human deoxycytidine triphosphate pyrophosphatase I inhibitors through molecular modelling studies
Ms. Srishti Sharma	Pt. Ravishankar Shukla University, Raipur srishtisharma2093@gmail.com	New Insights into Interactions between Anti-Alzheimer's drugs and Functionalized-Ionic Liquid

B. Oral

Name	Address	Title of Presentation
Mr. Aben Oving	National Institute of technology, Dimapur, Nagaland Email: abenthung4@gmail.com	Elucidation of binding interactions of sulfanilamide antibiotics to myoglobin by spectroscopic, calorimetric and computational methods
Dr. Mijanur Rahaman	Department of Chemistry, University of Calcutta, 92 A.P.C. Road, Kolkata-09 E-mail: mrmchem@caluniv.ac.in	Programmed Supramolecular Nanoassemblies for Biological Applications
Mr. Subhajit Guria	Department of Chemistry, University of Calcutta, 92A.P.C. Road, Kolkata-700009, India Email: adhikarisusanta@yahoo.com	Designing of a Double-Edged Molecular Probe for Fluorescent Sensing of Serum Albumin and as an Optical Beacon in Theranostics Application
Ms Tanushree Mishra	Department of Chemistry, University of Calcutta, 92, A.P.C. Road, Kolkata-700009, India. Email: adhikarisusanta@yahoo.com	Abstract for Oral Presentation Design and Development of Methoxy-enriched Cationic Stilbenes for Anticancer Therapeutics
Ms Labony Das	Department of Chemistry, University of Calcutta, 92 APC Road, Kolkata 700 009, India Email: kamalchem.roy@gmail.com	Tri-Component Based Aqueous Biphasic System: One Step Forward to Construct a Greener Biphasic System
Mr. Shamim Ahmed Khan	National Institute of Technology, Agartala Email: chem.shamim28@gmail.com	Modification of Silver Nanoparticles to Spectrophotometric Sensor for Cysteine
Mr. Rajkumar Jana	Indian Association for the Cultivation of Science, Kolkata - 32 Email: rajkumar.jncasr@gmail.com	Pt/Co ₃ O ₄ Surpasses Benchmark Pt/C: An Approach Toward Next Generation Hydrogen Evolution Electrocatalyst
Ms Joyita Datta	P. G. Department of Chemistry, Berhampur University, Odisha Email: bbp.chem@buodisha.edu.in	Total Synthesis of Indolizidine heterocycles
Pithadia Dhruvi	The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India Email : dhruvi.k.p-chemphd@msubaroda.ac.in	Synthesis of biofuel additives from biodiesel waste using furfural over anchored 12-tungstosilicic acid
Dr. Niladri Biswas	Department of Chemistry, West Bengal State University	Synthesis, characterization, DNA binding and biological activity of one Copper(II) Schiff base complex

	Email: niladribiswas89@gmail.com	
Lakshita Dewangan	Department of Biotechnology Indian Institute of Technology Madras, Chennai 600 036, E-mail: soumik.bardhan@gmail.com	Aquatic protic ionic liquid enhanced the synergistic H-bonding interactions of interfacial water at nanoscale environment
Dr. Debashree Das	Department of Chemistry, University of Calcutta Email: debashreedas2@gmail.com	Differential effect of selenourea and selenocystine on methemoglobinemia in nondiabetics and diabetics
Ms Sayantani Mitra	Saha Institute of Nuclear Physics, Kolkata Email: sayantanimitra020@gmail.com	Detection of alpha-emitting ^{238}U using radiotracer by liquid scintillation counter-triple-to-double-coincidence ratio technique
Somdev Pahari	Department of Chemistry, NIT, Odisha Email: somdevpaharil@gmail.com	MOLECULAR DYNAMICS STUDIES OF EFFECTS OF GLUCOSE ON LIPID BILAYER
Dr. Bhavya Srivastava	Department of Chemistry, University of Calcutta Email: bhavya.srivastava0@gmail.com	Spectroscopic Studies of Sorbitol-Caffeine Interactions for Plausible Remediation of Diabetic Neuropathy
Dr. Debasish Mallick	Department of Chemistry, Mrinalini Datta Mahavidyapith, Kolkata-700051. E-mail: dmchemmdm51@gmail.com	Structures and photochromic activity of some metal ion complexes of azoimidazoles
Ms Dipika Pan	IEST, Shibpur E. Mail pandipikal5@gmail.com	Sugar Based Xerogel for Environmental Remediation
Sk. Asraf Ali	Department of Chemistry, University of Calcutta E-mail: skasraf@gmail.com	First Example of Copper(I) Catalyzed Decarboalkoxymethylation of Alkyl 2-[1-(Pyridin-2-yl)-1H-pyrrol-2-yl]acetates
Ms Vibeizonuo Rupreo	Department of Chemistry, National Institute of Technology Nagaland, Chumukedima, Dimapur 797103, Nagaland, INDIA Email: vibiezonuo@gmail.com ,	Construing the binding mechanism of Yohimbine with heme protein: A Biophysical Approach *
Ms Antara Reja	IISER, Kolkata E.Mail: antarareja13@gmail.com	Aldolase Cascade by Self Assembled Nanotubes of Short Peptide Amphiphile
Mr. Avinash I	Department of Chemistry, Indian Institute of Technology Kanpur, U.P.-208016, India	Backbone Boron-Functionalized Imidazole Derivatives as Fluoride Sensors and as Ligand for Luminescent Copper Complexes

<p>Dr. Moumita Gangopadhyay</p>	<p>Email: avin@iitk.ac.in, avinchemist@gmail.com Department of Chemistry, Ghatal Rabindra Satabarsiki Mahavidyalaya, Ghatal, Paschim Medinipur 721212, West Bengal, India, E-mail: orgchemist87@gmail.com,</p>	<p>Nanorings in Photodynamic Therapy</p>
<p>Ms. Suvani Subhadarshini</p>	<p>School of Nano Science and Technology, Indian Institute of Technology Kharagpur, Kharagpur, India. Email: suvanicuj@gmail.com</p>	<p>One-Dimensional NiSe-Se Hollow Nanotubular Architecture as a Binder-Free Cathode with Enhanced Redox Reactions for High-Performance Hybrid Supercapacitors</p>

2. Indian Chemical Society Research Excellence Award

A. Poster

Name	Address	Title of Presentation
Dr. Satyajit Saha	Institute of Chemical Technology, Mumbai Email: sjeet1980@gmail.com	Rationally Designed Multifunctional AlEgens for the Selective Sensing of Trinitrophenol (TNP) and Cell-imaging
Dr. Pampa Guha	City College, Kolkata Email: pampaguha.guha@gmail.com	Coordination Chemistry of Click Derived 1,2,3-Triazolyl Ligand
V. Vijaya Kumar	Department of Chemistry, Bioactive Organic Molecule Synthetic Unit, C. Abdul Hakeem College (Autonomous), Tamil Nadu, India Email: mansoorcah@gmail.com	Meglumine: A novel and efficient catalyst for one-pot, three-component synthesis of kojic acid derivatives
Ms. Nirmala Devi	Department of Chemistry, Suraj PG Degree College, Sec.-75 Gurugram, Haryana 122103, India E-mail: nirmla.gaur32@gmail.com	Carboxymethyl chitosan /Halloysite Nanotubes Bionanocomposite Films for Wound Dressing Nirmala Devi
Dr. Suvendu Maity	Jadavpur University Email: suvendumaity99@gmail.com	Coordination polymers of Ag(I) and Hg(II) ions with 2,2'-azobispyridine: synthesis, characterization and enhancement of conductivity in presence of Cu(II) ions

B. Oral

Name	Address	Title of Presentation
Dr. Partha Pratim Bag	SRM University, Sikkim Email: parthap.bag82@yahoo.com	Supramolecular Synthon based Electrocatalytic H ₂ production
Mr. Ashanendu Mandal	Calcutta University Email: ashanendumandal@gmail.com	Phenol Removal in Fixed-Bed Column Using Green Adsorbent Neem Leaves
Dr. Debabrata Sheet	Presidency University, 86/1 College Street, Kolkata, 700073 Email: debobrata.chem@presiuniv.ac.in	Bio-inspired Aerobic Oxidation of Organic Molecules using Immobilized Nonheme Iron Complexes
Prof. Sujata Maity Chowdhury	Vidyasagar University Email: sujata.vu2009@gmail.com	Metal decorated biogenic nanoparticles from indole-3-carbinol: Inducer of apoptosis and mitochondrial membrane permeability alteration in breast carcinoma cells
Vijay K Sharma	Amity Institute of Applied Sciences, Amity University Uttar Pradesh, G, Noida. India. Email: vijaysharma.ac@gmail.com	Title: An Efficient and Scalable Approach for the Synthesis of Piperazine based Glitazone and its Derivatives
Mr. Susanta K Borthakur	PG Department of Chemistry, Arya Vidyapeeth College, P O : Gopinath Nagar, Guwahati-781016, Assam, India Email: skbthakur@yahoo.co.in	Cycloaddition Reaction of 3-benzylideneamino-[1,2,4]-triazole with sulfene and their antifungal activities
Prof. G. Anantharaman	Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur -208016 Email: garaman@iitk.ac.in	Multifunctional MOFs for gas adsorption, Sensor and Catalysis
Dr. Tithi Maity	Prbhat Kumar College, Contai Email: titlipkc2008@gmail.com	Evaluation of novel Zinc(II) and Copper(II) Schiff Base Complexes: Combined Experimental and Theoretical Investigation on Their DNA/Protein Binding Study and In-Vitro Anticancer Activity
Dr. Koushik Chandra	Department of Chemistry, Midnapore College (Autonomous), Midnapore, Paschim Midnapore, West Bengal, India-721102 Email: koushik.chandra@midnaporecollege.ac.in	Inhibition of non-enzymatic glycation by gymnemic acid as possible antiviral agent of SARS-CoV-2
Anirban Das	Department of Chemistry, IISER Bhopal. E-mail: anirban16@iiserb.ac.in	Small molecule inhibits insulin fibrillogenesis and preserves activity
Pushpendra Mani Shukla	Department of Chemistry, Indira Gandhi National Tribal University Amarkantak, M.P.-484887, India	N-Heterocyclic Carbene-catalyzed Stereoselective Homoenolate addition reaction to 3-Cyano-2-imino-2H-Chromene: Synthesis of 2-

	E-mail: pushpendramanishukla@gmail.com	amino-3-cyano-4H-chromenes
Manoj K Ghosh	Centre of New Technologies, University of Warsaw, Banacha 2C, 02-097 Warsaw, Poland E-mail: manojkg1272@gmail.com ,	Metal-free Aryl-Aryl Cross Coupling: C-H Arylation of 2-Naphthols with Diaryliodonium Salts
Dr. Samiran Mondal	Department of Chemistry, Rammohan College, 102/1-Raja Rammohan Sarani, Kolkata-700009, West Bengal, India. E-mail : samiran1985@gmail.com	Exploring the efficacy of naturally occurring biflavones towards the inhibition of the SARS-CoV-2 spike glycoprotein mediated membrane fusion
Mr. Sourav Das	NIT, Meghalaya souravdas1891@gmail.com	Biophysical Characterizations of Dietary Polyphenols- Lysozyme Interactions
Dr. Gulmi Chakraborty	NPDF , Jadavpur University gulmi.chakraborty@gmail.com	Relevance of π -stacking in tuning the neighboring structural pattern of soft nanoaggregates
Ms. Shahee Islam	Department of Chemistry, University of Calcutta shaheeislam726@gmail.com	Aggregation of lysozyme in presence of mixed bilayer of POPC
LAVKESH KUMAR S. TANWAR	Reseaech Scholar , S.O. S. in Chemistry, Pt. Ravishankar Shukla University Raipur singh1708lavkesh@gmail.com	Aggregation Behaviour of Cationic and Anionic Surfactants in presence of Imidazolium Based Ionic Liquid