

SECTION		CHEMICAL SCIENCES
Sectional President		Prof. Jagdamba Singh , University of Allahabad, Allahabad
Sectional Recorder		Prof. Anand Aswar , SGB Amravati University, Amravati,
Sectional Secretary		Dr. Rekha , Lovely Professional University
January 04, 2019		
14:00 – 17:00		
SECTIONAL COMMITTEE MEETING		
Venue	:	Block 25, Room-304
Presidential Address	:	Prof. Jagdamba Singh , University of Allahabad, Allahabad, (U.P.), India <i>Catalysis in organic synthesis</i>
Platinum Jubilee Lecture	:	Prof. S. K. Awasthi , University of Delhi, Delhi, India <i>Newer approach to antimalarial drug discovery</i>
Award Lectures: R. C. Shah Memorial Award Lecture Prof. R. C. Mehrotra Commemoration Lecture Dr. B. C. Deb Memorial Award for Soil / Physical Chemistry		Dr. Shobith R. , Director, Adichunchanagiri Institute for Molecular Medicine, Mandya, Karnataka <i>Effects of Glycoside Clusters on MUC 1 Glycopeptides and its Structural Determination</i> G. Mugesh , Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bangalore <i>Iodine in Thyroid Hormone Action and Membrane Transport</i> Dr. Subrata Kundu , Scientist, Materials Electro Chemistry Division CSIR- Central Electro Chemical Research Institute, Karaikudi

		<i>Designing of Size and Shape-selective Nanomaterials for Catalysis, Device, SERS and Energy related Applications</i>
Young Scientist Award Presentations	:	<p>Biswajit Sadhu Bhabha Atomic Research Centre, Mumbai</p> <p>Rajesh Halder Lovely Professional University, Phagwara, Punjab.</p> <p>Rayees Ahmad Bhat Govt Model Science College, Jiwaji University, Gwalior</p> <p>Praveena Mishra Jiwaji University, Gwalior</p> <p>Fatima Tufail University of Allahabad, Allahabad</p>
17:00 – 17:30	SECTIONAL COMMITTEE ELECTION	

January 05, 2019		
14:00 – 18:30		
Venue		Block 25, Room-304
17.00	Symposium	
Invited Lectures		<p>Prof. D. Basavaiah, University of Hyderabad, Hyderabad, (A. P.) India</p> <p><i>The Baylis-Hillman reaction: Our philosophy, vision, objectives and recent contributions</i></p>
		<p>Prof. Ambrish Singh, Southwest Petroleum University, Chengdu, China</p> <p><i>HPHT Autoclave, electrochemical, surface and quantum chemical studies to investigate some inhibitors for corrosion of n80 steel in sweet corrosive environment</i></p>
		Prof. C. S. Mathela , Kumaun University, Nainital, (U.K.), India

		<i>Green extraction and synthesis of bioactive molecules from plant sources</i>
		Prof. R. N. Yadava , Dr. H.S. Gour Vishwavidyalaya (A Central University), Sagar (M.P.) India <i>Study on bioactive allelochemicals from some indigenous medicinal plants</i>
		Prof. D. Ashok , Osmania University, Hyderabad, India <i>Synthesis of diverse heterocyclic library using green catalysts and evaluation of their biological activity</i>
		Prof. R. K. P. Singh , University of Allahabad, Allahabad, (U.P.), India <i>Electrochemical synthesis: A novel technique for synthesis of organic compounds</i>
		Prof. Ibadur R. Siddiqui , University of Allahabad, Allahabad, (U.P.), India <i>Eco-compatible catalytic strategy for the efficient synthesis of biologically significant heterocycles</i>
		Prof. Kaman Singh , Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India. <i>Characterization of a modified polypropylene powder (ACCUREL MP), and its use for selective adsorption of carboxymethyl cellulose from aqueous solutions</i>
16.00 – 17.45 Oral Presentations		
		Prof. Neera Raghav , Kurukshetra University, Kurukshetra, (Haryana), India <i>Some non-peptidyl anti-cathepsin agents: An insight to S1' sub site</i>
		Dr. Babul Bandyopadhyay , Forensic Science Laboratory, Kolkata, (W.B.) India <i>The role of social psychiatry and forensic evidences in addictive chemical associated mental disorder</i>
		Dr. R. C. Thakur , Lovely Professional University, Phagwara, (Punjab), India <i>A study on molecular interactions of nicotinic acid in</i>

	<p><i>aqueous and binary aqueous solutions of KCl and FeCl₃ at different temperatures</i></p>
	<p>Dr. Khursheed Ahmad, Abeda Inamdar Senior College, Pune, (Maharashtra), India.</p> <p><i>New synthetic analogues of water oxidising complexes (WOC): Thermal, spectral and electrochemical studies</i></p>
	<p>Dr Mahesh B, JSS Academy of Technical Education, Dr.Vishnuvardhan Road, Bengaluru, Karnataka, India</p> <p><i>Synthesis and characterization of protein-based plastic polypentapeptide; Investigation of the miscibility and thermal degradation characteristics with PVA</i></p>
15.00 – 17.30	<p>Concurrent Poster Session –I</p> <p>BEST POSTER AWARD PRESENTATION</p>

January 06, 2019		
14:00 – 17:30		
Venue		Block 25, Room-304
14.00 – 16.00	Symposium	
Invited Lectures		<p>Prof. Devanand B. Shinde, Shivaji University, Kolhapur, (Maharashtra), India</p> <p><i>Title of talk not available as yet</i></p>
		<p>Prof. A. P. Mishra, Dr. H.S. Gour Vishwavidyalaya (A Central University), Sagar (M.P.) India</p> <p><i>Inorganic chemistry at the interface with biology : An emerging discipline in higher education</i></p>
		<p>Dr. Surendra Prasad, The University of the South Pacific, Private Mail Bag, Suva, Fiji</p> <p><i>Monitoring of toxic heavy metals in Suva, Fiji for health risk assessment</i></p>
		<p>Prof. V. K. Syal, Himachal Pradesh University, (H.P.), Shimla, India</p> <p><i>Environment and natural resource management, global warming and other energy sources: Brief review, issues, challenges and solutions</i></p>
		<p>Prof. Bhaskar Chakraborty, Sikkim Government College (Sikkim State University), Gangtok, Sikkim, India</p> <p><i>A New Methodology of Synthesis of New class of Peptides using α-amino nitrones and their Potential Biological Activities</i></p>
		<p>Dr. Rakesh Parashar, University of Delhi, Delhi, India</p> <p><i>1,4-Dihydropyridines and pyridines based highly selective fluorescent chemosensors: Design, synthesis and their applications in the detection of ions/anions and degradation of dyes</i></p>
		<p>Dr. Pannuru Venkatesu, University of Delhi, Delhi, India</p> <p><i>Ionic Liquids as future solvents for enhanced stability of proteins against multiple stresses</i></p>

		<p>Dr. Mrituanjay D. Pandey, Banaras Hindu University, Varanasi, (U.P.), India</p> <p><i>Evolving new sensing mechanism for designing fluorescent chemo-sensors</i></p>
		<p>Dr. Vijai K. Rai, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, C. G., India</p> <p><i>Visible light catalyzed- α-methylenation of ketones</i></p>
16.00 – 17.45	Oral Presentations	
		<p>Dr. S. Aravamudhan, North Eastern Hill University, Shillong, Meghalaya, India</p> <p><i>Quantitative and consistent correlation of QM ab initio proton shielding tensors values with the corresponding molecular susceptibility tensors obtained from shielding values by classical dipole model</i></p>
		<p>Dr. Runjhun Tandon, Lovely Professional University, Phagwara, (Punjab), India</p> <p><i>New polymorph of estradiol and its stability studies</i></p>
		<p>Dr. R. P. S. Chauhan, Magadh University, Bodh-Gaya, (Bihar) India</p> <p><i>Determination of some antimalarial aminoquinolines by ammonium hexanitratocerate (IV) reagent as oxidant at micro scale</i></p>
		<p>Dr. Mohammad Abid, Jamia Millia Islamia, New Delhi</p> <p><i>Rationale design of piperazine linked 7-chloroquinoline-triazole hybrids as potent anti-malarials</i></p>
		<p>Dr. Mohammad Saquib, University of Allahabad, Allahabad, (U.P.), India</p> <p><i>Chiron approach synthesis of chirally pure sugar derived compounds as potential scaffolds for drug discovery</i></p>
		<p>Dr. Pawan D. Meshram, K. B. C. North Maharashtra University, Jalgaon, Maharashtra, India</p> <p><i>Synthesis and characterization of modified cottonseed oil based polyesteramide for coating application</i></p>

	<p>Dr. Mohammad Kamil Hussain, Government Raza Post Graduate College, Rampur, (U.P.) India</p> <p><i>Organic acid catalyzed cascade reaction of 1-(2-azidoaryl)-1H-pyrroles and propargylic alcohols: An efficient synthesis of annulated benzodiazepines in water</i></p>
	<p>Dr. Dwarika Prasad, Lovely Professional University, Phagwara, (Punjab), India</p> <p><i>Adatoda vasica extract as a green and sustainable corrosion inhibitor for mild steel in acidic media</i></p>
	<p>Dr. Giribala M. Bondle, Dr. B. A. M. University, Aurangabad, (Maharashtra), India</p> <p><i>Fischer esterification: A facile new approach for the synthesis of aromatic esters using bimetallic catalyst in ionic liquid</i></p>
	<p>Mr. A. M. Tade, Sant Gadge Baba Amravati University Amravati, Maharashtra, India</p> <p><i>Green synthesis and characterization of iron nanoparticles using Piper longum fruits extract (PLFE) and their biological activity</i></p>
	<p>Mr. Kushal Banerjee, CSIR-National Institute of Oceanography, Dona Paula, Goa, India</p> <p><i>Green synthesis of brominated marine natural products, polybromo-diphenylether and Bromopyrrole-2-carboxylic acid derivatives</i></p>
<p>Fulbright-Nehru Fellowship Opportunities in the U.S – Interaction with Delegates Dr. Pratibha Nair, Program Coordinator, United States-India Educational Foundation (USIEF), the Fulbright Commission in India</p>	
15.00 – 17.30	Concurrent Poster Session –II

January 07, 2019		
14:00 – 15:00		
Venue		Block 25, Room-304
14.00 – 15.00	Invited Lectures	
		<p>Dr. Ankita Rai, Jawaharlal Nehru University (JNU), New Delhi, India</p> <p><i>Strategic insertion of nitrene on enals for syntheses of pyrroline derivatives</i></p>
		<p>Dr. Manorama Singh, Guru Ghasidas Vishwavidyalaya, (A Central University), Bilaspur, (C. G.), India</p> <p><i>Access to original CO₃O₄/Thr-G: An efficient catalyst for recognition of metronidazole through reduction of NO₂ group</i></p>
		<p>Dr. M. P. Sadashiva, University of Mysore, Mysuru, (Karnataka), India</p> <p><i>Reaction of manothiodiketones with aryl amines: A facile synthesis of potential antimalarial 4-quinolones</i></p>
		<p>Dr. Nimisha Jadon, Jiwaji University, Gwalior, (M.P.), India</p> <p><i>Disposable voltammetric sensors for electrocatalytic quantification of environmental pollutants</i></p>
Oral Presentation		
		<p>Ms. Pradeep Kaur, Punjab Agricultural University, Ludhiana, Punjab, India</p> <p><i>GC-MS and phytochemical profile of cumin Seeds (<i>Cuminum cyminum</i>)</i></p>
		<p>Mr. C. A. Ladole, Sant Gadge Baba Amravati University Amravati, Maharashtra, India</p> <p><i>Nickel ferrite as green and recoverable nano-catalyst for one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-ones derivatives under a microwave irradiation condition</i></p>
Concurrent Poster Session - II (PP 141 – PP 190)		
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GENERAL DISCUSSION AND RECOMMENDATIONS		