



**10<sup>th</sup> MID-YEAR  
CHEMICAL RESEARCH SOCIETY OF INDIA  
SYMPOSIUM IN CHEMISTRY  
JULY 23-25, 2015  
Programme Schedule**



Day I - 23 July 2015		
Session	Time	Program / Invited Lecture
	07.15 - 09.30	<b>Breakfast and Registration</b>
	09.30 - 10.00	<b>Inauguration</b>
I Chairperson: Prof. V. Krishnan	10.00 - 10.30	V. Pillai, CECRI, Karaikudi <i>Incorporation of Heteroatoms into Graphene Quantum Dots and Graphene Nanoribbons: Applications in Electrocatalysis</i>
	10.30 - 10.50	R. Chandrasekhar, UoH, Hyderabad <i>Bottom-Up Self-Assembly of Organic Optical <math>\mu</math>-Resonators for Lasing</i>
	10.50 - 11.20	<b>Coffee/Tea</b>
II Chairperson: Prof. R. Ramaraj	11.20 - 11.40	<b>Bronze Medal Lecture</b> by G. Sekar, IIT-M, Chennai <i>Metal Nanoparticles Stabilized by Metal-Carbon Covalent Bonds: An Efficient and Reusable Nanocatalyst</i>
	11.40 - 12.00	P. Thilagar, IISc, Bangalore <i>Structure-Property Correlations and Functional Opportunities of Solid-state Luminescent Organic/Organometallic Materials</i>
	12.00 - 12.20	J. Haldar, JNCASR, Bangalore <i>Strategies to Combat Bacterial Resistance: Towards Development of Future Antibacterial Drugs</i>
	12.20 - 12.40	P. Talukdar, IISER, Pune <i>Synthetic Ion Channels for Selective Anion Transport</i>
	12.40 - 13.40	<b>Lunch</b>
III Chairperson: Prof. A. Bedekar	13.40 - 15.40	<b>Poster Session I (Posters 1-108)</b>
	15.10 - 15.40	<b>Coffee/Tea</b>
IV Chairperson: Prof. Lallan Mishra	15.40 - 16.10	T. Pathak, IIT-KGP, Kharagpur <i>Synthetic Nucleosides and the Inhibition of Ribonuclease A</i>
	16.10 - 16.30	J. Sankar, IISER, Bhopal <i>Unsymmetrically Functionalized Perylenebisimides: Electronic Modulation Towards Modern Applications</i>
	16.30 - 16.50	N. Patil, NCL, Pune <i>Merging Metal Catalysis with Organocatalysis</i>
	16.50 - 17.10	N. Pradhan, IACS, Kolkata <i>Designing Nanostructures in Reaction Flask</i>
	17.10 - 17.30	S. J. Gharpure, IIT-B, Mumbai <i>Stereoselective Synthesis and Applications of Donor-Acceptor Substituted Cyclopropanes (DACs) in Divergent Synthesis of Natural Products</i>
	17.30 - 17.40	<b>Break</b>
V Chairperson: Prof. Sourav Pal	17.40 - 18.30	<b>Special Evening Lecture</b> by S. Chandrasekaran, IISc, Bangalore <i>Ethics in Research and Publishing</i>
	19.00 - 20.45	<b>Dinner</b>



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Day II - 24 July 2015		
Session	Time	Program / Invited Lectures
	07.15 - 09.00	<b>Breakfast</b>
VI Chairperson: Prof. M. Palaniandavar	09.30 - 10.00	<b>Silver Medal Lecture</b> by Anil Kumar, NCL, Pune <i>Simple Experimental Physical Chemistry and Simple Organic Reactions Involving Water and Ionic Liquids</i>
	10.00 - 10.20	J. Dasgupta, TIFR, Mumbai <i>Photoinduced Charge Generation: Elicit, Engineer, Enhance!</i>
	10.20 - 10.40	R. S. Swathi, IISER, Trivandrum <i>Modelling The Energetics of Encapsulation of Atoms and Atomic Clusters into Carbon Nanotubes: Insights from Analytical Approaches</i>
	10.40 - 11.10	<b>Coffee/Tea</b>
VII Chairperson: Prof. K. Natarajan	11.10 - 11.30	S. K. Mandal, IISER, Kolkata <i>Unfolding The New Electronic State of Phenalenyl: Designing Novel Materials</i>
	11.30 - 11.50	P. K. Iyer, IIT-G, Guwahati <i>Novel Conjugated Polymers as Chemosensors, Biosensors and to Study Neurological Disorders</i>
	11.50 - 12.10	P. Kaur, GNDU, Amritsar <i>Chemosensors for the Detection of Analytes</i>
	12.10 - 12.30	S. Muthusamy, BDU, Trichy <i>Rhodium(II) and Lewis Acid Catalyzed Synthesis of Macrocycles, Carbocycles and Heterocycles</i>
	12.30 - 13.30	<b>Lunch</b>
VIII Chairperson: Prof. A. K. Panda	13.30 - 15.30	<b>Poster Session II (Posters 109-217)</b>
	15.00 - 15.30	<b>Coffee/Tea</b>
	15.30 - 16.30	<b>CRSI General Body Meeting</b>
IX Chairperson: Prof. V. Subramanian	16.30 - 18.30	<b>Poster Session III (Posters 218-324)</b>
	18.30 - 19.30	<b>Cultural Programme</b>
	19.30 - 21.00	<b>Dinner</b>



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Day III - 25 July 2015		
Session	Time	Program / Invited Lectures
<b>X</b> <i>Thematic Session</i> Chairperson: Prof. T. Punniyamurthy	07.15 - 09.00	<i>Breakfast</i>
	09.30 - 10.00	K. Pitchumani, MKU, Madurai <i>Metal Mediated Organic Transformations in Confined Space</i>
	10.00 - 10.20	P. Shanmugam, CLRI, Chennai <i>Copper Catalyzed Synthesis of Isatin Based Novel Acyclic and Spirocyclic Fluorescence Compounds and 3-Spiroazetidine-2-oxindoles</i>
	10.20 - 10.40	V. V. Sureshbabu, Bangalore University <i>Metal Mediated Protocols and Strategies for the Synthesis of Peptides and Peptidomimetics</i>
	10.40 - 11.10	<i>Coffee/Tea</i>
<b>XI</b> <i>Thematic Session</i> Chairperson: Prof. R. V. Jayaram	11.10 - 11.30	P. Anbarasan, IIT-M, Chennai <i>New Avenues in Metal Catalyzed Functionalization of Diazo Compounds</i>
	11.30 - 11.50	C. Sivasankar, PU, Puducherry <i>Chemoselective Carbene Insertion into N-H Bond Over OH, COOH and Dimerization Using Air Stable Cu(I) Catalyst</i>
	11.50 - 12.30	<i>Valedictory</i>
	12.30 - 13.30	<i>Lunch and Departure</i>

Venue: **BARN Hall**, NIT-Trichy