

24th February, 2017

8:45-9:45	Registration
9:45-10:35	Inauguration
10:35-11:00	High Tea
11:00-12:40	Session Chair: <u>Prof. S. S. Bari</u> Department of Chemistry, Panjab University, Chandigarh
11:00-11:30	Invited Talk by <u>Dr. Rajender Srivastava</u> Department of Chemistry, IIT, Ropar Bio-Template Mediated Synthesis of Nanocrystalline Zeolites with Significantly Improved Catalytic Activity
11:30-12:00	Invited Talk by <u>Prof. Anil Kumar</u> Department of Chemistry, IIT, Roorkee Synthesis and Multifunctional Behavior of Some Iron Oxide and Carbon-Based Greener Nanostructures
12:00-12:20	Short Lecture by <u>Dr. Purshottam Sharma</u> Department of Chemistry, Panjab University, Chandigarh Structural Landscape of Base Pairs Containing Post-Transcriptional Modifications in RNA
12:20-12:30	Oral presentation by <u>Ms. Navjot Kaur</u> DFT Investigation of Direct Benzene Hydroxylation by V_4O_{10} Cluster : Two State Reactivity
12:30-12:40	Oral presentation by <u>Ms. Surinder Kaur Brar</u> Tunable Self Assembled Nano/Micro Architects from Simple Organic Molecule
12:40-13:30	Lunch
13:30-15:20	Session Chair: <u>Prof. Paramjit Singh</u> Department of Chemistry, Panjab University, Chandigarh
13:30-14:00	Invited Talk by <u>Dr. L. P. Singh</u> Council of Scientific and Industrial Research (CSIR) Nanotechnology for Cement Based Materials
14:00-14:30	Invited Talk by <u>Dr. Ranvir Singh</u> Panjab University, Chandigarh Double Faceted Personality of an Enzyme: Transition of Aldose Reductase from Mr. Hyde to Dr. Jekyll
14:30-14:50	Short Lecture by <u>Dr. Varinder Kaur</u> Department of Chemistry, Panjab University, Chandigarh Silatranyls as New Linkers for the Functionalization of Silica Surfaces
14:50-15:10	Short Lecture by <u>Dr. Nishima</u> U.I.E.T, Panjab University, Chandigarh Exploring the Potential of Nanochemistry in Nanobiotechnology
15:10-15:20	Oral presentation by <u>Mr. Jitender Kumar</u> In-Situ and Post Modification of Hydrochar from Low Cost Materials: Excellent Adsorbents for Dyes and Nanoparticles
15:20	Tea

15:20-17:00	Poster Session
25th February, 2017	
9:30-11:10	<p style="text-align: center;">Session Chair: <u>Prof. K. K. Bhasin</u> Department of Chemistry, Panjab University, Chandigarh</p>
9:30-9:55	<p style="text-align: center;">Invited Talk by <u>Dr. Amjad Ali</u> School of Chemistry and Biochemistry, Thapar University, Patiala Mixed Metal Oxides as Heterogeneous Catalysts for the Chemical Transformation of Triglycerides and Glycerol</p>
9:55-10:20	<p style="text-align: center;">Invited Talk by <u>Dr. Akash Deep</u> CSIR-CSIO, Chandigarh Metal Organic Frameworks: New Materials for Biosensing</p>
10:20-10:40	<p style="text-align: center;">Short Lecture by <u>Dr. Sangeeta Saini</u> Department of Chemistry, Kurukshetra University, Kurukshetra Effect of Strain on the Reactivity of Small Gold Clusters (Au_n, n= 3-9) Towards Molecular Adsorption of O₂ at Top-Sites</p>
10:40-10:50	<p style="text-align: center;">Oral presentation by <u>Mr. Kuldeep Singh</u> Metathetic Synthesis of Oxygen and Nitrogen Containing Macroheterocycles</p>
10:50-11:00	<p style="text-align: center;">Oral presentation by <u>Ms. Preetleen Kathuria</u> Structural Characterization of Deletion and Mismatched DNA Duplexes Formed by Human Carcinogen Ochratoxin A: A Computational Study</p>
11:00-11:10	<p style="text-align: center;">Oral presentation by <u>Ms. Manisha Dhiman</u> Morphologically Modified NiFe₂O₄ : Promising Catalysts to Mitigate the Environmental Deterioration</p>
11:10-11:30	Validictory
11:30	Tea