

**Department Day Symposium**  
**Department of Inorganic Chemistry, IACS**

**Venue: C V Raman Hall**  
**March 07, 2017 (Tuesday)**

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|---------------------------------|--|
| <b>10.15-10.30</b>              | <b>Inaugural Address and Opening Remarks</b>   |
| <b>Session-I</b>                |  |
| <b>Chair: Pradyut Ghosh</b>     |  |
| <b>10.30-11.10</b>              | <b>Goutam K. Lahiri (IIT-Bombay):</b> Fact or Fiction Around Valence and Spin Exchange in Diruthenium Frameworks                                     |
| <b>11.10-11.50</b>              | <b>Amit Majumdar (IACS):</b> Reduction of NO to N <sub>2</sub> O Mediated by a Nonheme Mononitrosyl Diiron(II) Complex                               |
| <b>11.50-12.10</b>              | <b>Tea Break</b>   |
| <b>Session-II</b>               |  |
| <b>Chair: Tapan Kanti Paine</b> |  |
| <b>12.10-12.35</b>              | <b>Debabrata Sengupta (SG Group):</b> Platinum: Where noble metal loses its nobility   |
| <b>12.35-13.00</b>              | <b>Saikat Santra (PG Group):</b> Heteroditopic Macrocyclic Wheel Based Pseudorotaxanes, Rotaxanes and Their Dynamic Properties                       |
| <b>13.00-13.25</b>              | <b>Nyancy Halder (HR Group):</b> Tropylium Cation Fused Dicarbaheteroannulenes   |
| <b>13.25-14.30</b>              | <b>Lunch Break</b>   |
| <b>Session-III</b>              |  |
| <b>Chair: Amit Majumdar</b>     |  |
| <b>14.30-14.55</b>              | <b>Chandradeep Ghosh (SGD Group):</b> Active Site Structure and Reactivities of Heme Bound Amyloid- $\beta$ Complex, Relevant to Alzheimer's Disease |
| <b>14.55-15.20</b>              | <b>Amit Adhikary (RM Group):</b> Pyridine-Pyrazole based Lanthanide Cages: Playground for Magnetic Refrigerants and Single Molecule Magnets          |
| <b>15.20-15.45</b>              | <b>Rubina Rahaman (TKP Group):</b> Mimicking the Aromatic-Ring-Cleavage Activity of Gentisate-1,2-Dioxygenase by a Nonheme Iron Complex              |
| <b>15.45-16.10</b>              | <b>Bijan Roy (AD Group):</b> Coordination-Driven Self-Assembly: A Highly Successful Strategy for the Construction of Discrete Confined Nanospace     |
| <b>16.10-16.30</b>              | <b>Tea Break</b>   |
| <b>Session-IV</b>               |  |
| <b>Chair: Abhishek Dey</b>      |  |
| <b>16.30-16.55</b>              | <b>Abhijit Mallick (HR Group):</b> Impact of Local $\pi$ Aromaticity on the Global Aromaticity of Heteroannulenes                                    |
| <b>16.55-17.20</b>              | <b>Nabhendu Paul (AM Group):</b> A Bioinspired Approach for the Synthesis of Bridged Multimetallic Assemblies  |
| <b>17.20-17.45</b>              | <b>Bijit Chowdhury (PG Group):</b> Selective Sensing of Phosphates by Bis-Heteroleptic Ruthenium(II) Complexes                                       |
| <b>17.45-18.10</b>              | <b>Manas Seal (SGD Group):</b> Active Site Environment of Copper Bound Human Amylin Associated with Type-2 Diabetes                                  |
| <b>18.10-19.00</b>              | <b>Quiz Session</b>  |
| <b>19.00 -21.00</b>             | <b>Dinner</b>  |

**March 08, 2017 (Wednesday)**

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| <b>Session-V</b>                |  |
| <b>Chair: Sreebrata Goswami</b> |  |
| <b>10.30-11.10</b>              | <b>Tapas K. Maji (JNCASR):</b> Nano/Mesoscale Organic-Inorganic Hybrids: Interplay between Morphology and Functionality                                    |
| <b>11.10-11.50</b>              | <b>Sujoy Baitalik (JU):</b> Light Harvesting Building Blocks Based on Ruthenium and Osmium Metals  |
| <b>11.50-12.10</b>              | <b>Tea Break</b>   |
| <b>Session-VI</b>               |  |
| <b>Chair: Raju Mondal</b>       |  |
| <b>12.10-12.35</b>              | <b>Shrabanti Bhattacharya (TKP Group):</b> Aliphatic C–C Bond Cleavage in $\alpha$ -Hydroxy Ketones by a Dioxygen-Derived Nucleophilic Iron–Oxygen Oxidant |
| <b>12.35-13.00</b>              | <b>Manish Jana (AM Group):</b> Thiolate/ Nitric Oxide reactivity in Non Heme Diiron System   |
| <b>13.00-13.25</b>              | <b>Rajib Pramanick (SG Group):</b> Beyond Metal Redox: Catalytic Aerial Dehydrogenation of Alcohols  |
| <b>13.25-13.35</b>              | <b>Concluding Remarks</b>  |
| <b>13.35-14.30</b>              | <b>Lunch</b>   |