

## 6<sup>th</sup> DCS DEPARTMENT DAY 2019

March 8, 2019

Meghnad Saha Lecture Theatre (TRC ground floor)

### Program Schedule

8:30-9:15	Registration
9:15-9:20	Welcome Speech by DCS Chairman
9:20-9:30	Inaugural Speech by The Director
<b>Session I (Chairperson: Dr. Prasun K. Mandal)</b>	
9:30-10:10 <b>PL-01</b>	<b>Prof. K. George Thomas</b> <i>Excitons and Plasmons: A Tale of Two Elementary Excitations and Their Interaction</i>
10:10-10:35 <b>IL-01</b>	<b>Prof. Pradipta Purkayastha</b> <i>Nanomedical Consequences Expressed Through Spectroscopy</i>
10:35-11:00 <b>IL-02</b>	<b>Dr. Debasis Koley</b> <i>Computational Study in Understanding the Unique Isomerization Activity of Dinuclear Palladium(I) Catalyst</i>
<b>11:00-11:30</b>	<b>High Tea</b>
<b>Session II (Chairperson: Dr. Rahul Banerjee)</b>	
11:30-11:45 <b>SL-01</b>	<b>Mr. Biswajit Saha</b> <i>pH-Responsive Autofluorescent Amphiphilic Brush Copolymer for Efficient Delivery of Nonfluorescent Chemotherapeutic Agents</i>
11:45-12:00 <b>SL-02</b>	<b>Mr. Shounik Pal</b> <i>pH-induced Phase Transition and Crystallization of Soft-Oxometalates (Soms) Into Polyoxometalates (Poms): A Study on Crystallization from Colloids</i>
12:00-12:15 <b>SL-03</b>	<b>Ms. Sukanya Konar</b> <i>Probing the Effect of Glucose on the Activity and Stability of a <math>\beta</math>-Glucosidase: An All Atom Molecular Dynamic Simulation Investigation</i>

12:15-12:30 <b>SL-04</b>	<b>Mr. Debasish Podder</b> <i>Synergistic Tricolor Emission-Based White light from Organic-Inorganic Hybrid Gel</i>
12:30-12:45 <b>SL-05</b>	<b>Mr. Bittu Chandra</b> <i>Selective Photocatalytic Oxygenation by a Molecular Iron complex using Water as O-atom Source</i>
<b>12:45-14:00</b>	<b>Photo Session followed by Lunch Break</b>
<b>Session III (Chairperson: Dr. Sanjio S. Zade)</b>	
14:00-14:40 <b>PL-02</b>	<b>Prof . Kavirayani R. Prasad</b> <i>An Unexpected de tour into the Synthesis of Simple Alkaloids from Polyols and Macrolactones</i>
14:40-15:05 <b>IL-03</b>	<b>Dr. Dibyendu Das</b> <i>Catalytic Chemical Networks with Dynamic Minimal Systems</i>
15:05-15:30 <b>IL-04</b>	<b>Dr. Venkataramanan Mahalingam</b> <i>Lanthanide-doped Colloidal Luminescent Nanocrystals Phosphor and Detection Applications</i>
15:30-15:55 <b>IL-05</b>	<b>Dr. Geetharani Kalimuthu</b> <i>Base Metal Catalyzed Borylation of Aryl Halides and Alkenes</i>
<b>16:00-17:20</b>	<b>Poster Session</b>
<b>17:20-17:40</b>	<b>High Tea</b>
<b>Session IV (Chairperson: Dr. Sayam Sen Gupta)</b>	
17:40-18:20 <b>PL-03</b>	<b>Prof. Herbert W. Roesky</b> Materials of Low Valent Silicon and Low Valent Metals
<b>18:20-18:30</b>	<b>Awards Distribution and Vote of Thanks</b>
<b>19:30-21:30</b>	<b>Dinner (LHC Cafeteria)</b>