

Chemistry Day 2022



Organised by
Electrum and Synergy, Department of Chemistry, IISER Tirupati

Date: 29th October 2022

Venue: C. V. Raman Hall (Hybrid Mode)

Pre-Lunch Session (10:00 AM-1:00 PM): Scientific Presentations

Host: Ms. Alida Sachin	
9:15-9:30	Gathering
9:30-9:40	Introductory Remarks (Prof. K. Vijayamohan Pillai)
9:45-10:45	Invited Talk (Prof. S. Chandrasekaran, Organic Chemistry, IISc Bangalore) <i>"Chemistry for Sustainable Development"</i>
10:45-11:00 Tea Break	
Session I (Chair): Ms. Soumya Sree Samal	
11:00-11:15	Mr. Ashutosh Panigrahi <i>"Divergent Total Synthesis of Eudesmanoids"</i>
11:20-11:35	Dr. Gembali Raju <i>"Pyrrole Functionalized High Symmetry Lanthanide Clusters: A Strategy for High-Performance Single-Molecule Toroids"</i>
11:40-11:55	Ms. Jumana Hasin M <i>"Mn²⁺-Activated Zero-Dimensional Metal (Cd, Zn) Halide Hybrids with Near Unity PLQY and Zero Thermal Quenching"</i>
Break	
Session II (Chair): Ms. Sivaraman Sharada T	
12:05-12:20	Mr. M. Shahid <i>"Regioselective Arylation of Carbazoles using Dual Palladium-Photoredox Catalysis"</i>
12:25-12:40	Mr. Prabhakar Bhardwaj <i>"Mechanistic Insights of Acid-Induced Nitrite Reduction: A New Pathway of Nitric Oxide Formation"</i>
12:45-13:00	Mr. Soumyadip Ray <i>"Electronic Substitution Effect on the Ground and Excited State Properties of Indole Chromophore: A Computational Study"</i>
13:00-15:00 Lunch Break + Poster Session	
Post Lunch Session (Chair): Ms. Shivani	
15:00-	Special Talk by Prof. K. N. Ganesh (Virtual)
	Awards + Concluding Remarks