Ph.D Students' Chemical Science Slam

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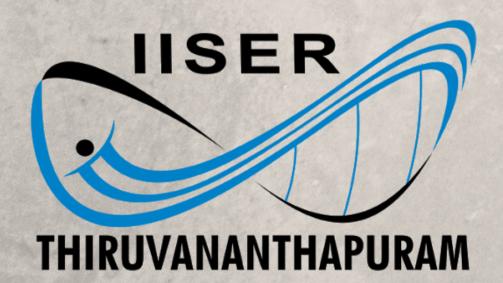
2nd December, 2020

Time: 17:00-21:00 hrs

Venue: The Framed Waterfalls

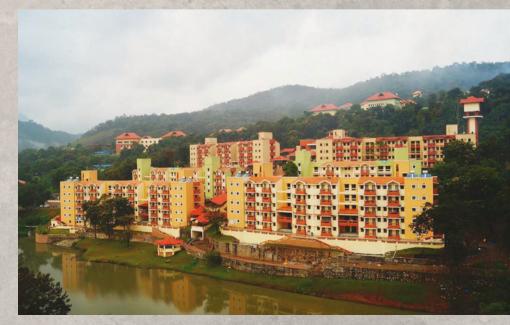
School of Chemistry

IISER Thiruvananthapuram



PROGRAMME SCHEDULE Session I

17:00 - 17:05	Opening Remarks: Dr. Sukhendu Mandal Head, School of Chemistry
17:05 - 17:15	Introduction to the Inaugural Speaker: Prof. J. N. Moorthy Director, IISER Thiruvananthapuram
17:15 - 18:00	Inaugural Talk: Dr. A Ajayaghosh Director, CSIR-NIIST Thiruvananthapuram
18:00 - 18:15	RSC - Special Address: Mr. Ajit K. Sharma General Manager - India, RSC
18:15 - 18:30	RSC - Supporting Chemical Sciences In India: Mr. Ershad Abubacker Assistant Editorial Development Manager - India, RSC



Session II

Student Talks

Chairman:	Prof. J. N. Moorthy
18:30 - 18:35	Ms. Deepti Sharma
	"Switching Lewis Acidity Gears Between Antimony and Bismuth"
18:35 - 18:40	Ms. Amritha R.
	"1,6-Conjugate Addition of Alkylazaarenes to para-Quinone Methides"
18:40 - 18:45	Ms. Swathi K.
10.40 - 10.42	"Supramolecular Chirality: A Caveat in Assigning the Handedness of Chiral Aggregates"
18:45 - 18:50	Mr. Sulfikarali Thondikkal
	"Design, Synthesis and Properties of m-Phenylene Embedded Porphyrinoids"
18:50 - 18:55	Mr. Cijil Raju
	"Topochemistry: An Attractive Method for Polymer Synthesis"
18:55 - 19:00	Ms. Lijina M. P.
	"Exciton Isolation in Cross-Pentacene Architecture"
19:00 - 19:05	Ms. Arya Gopal
	"Kinetic Insights into the Mechanism of Oxygen Reduction Reaction on Fe ₂ O ₃ /C Composites"
19:05 - 19:10	Ms. Meera Johny
	"Tethered oxocarbenium ion initiated oxirane opening reaction - conversion of 2,3-epoxy alcohols to fully protected triols"

19:10 - 19:15	Ms. Feba Thomas
	"Nickel-Catalyzed Cross-Coupling of Alkyl Carboxylic Aci Derivatives with Pyridinium salts via C-N Bond Cleavage"
10.15 10.20	Mr. D. Perumal
19:15 - 19:20	"Disassembly Driven Approach for the Specific Detection of Thrombin Using ¹⁹ F NMR in "OFF/ON" Response"
19:20 - 19:25	Ms. Shourya Gupta
	"Mechanistic Insights into the Signalling Routes of NO and H ₂ S"
19:25 - 19:30	Ms. Sayani Mukherjee
	"Defect Engineering on Ceria using $[Au_{11}(PPh_3)_7I_3]$ for Mimickin Single-Atom Catalysis"
19:30 - 19:35	Ms. Chris John
	"Swarm Intelligence Steers Global Minima Search of Cluster Bound on Carbon Nanostructures"
19:35 - 19:40	Ms. Shamna M.
	"Preparation of HKUST-1@Nanocellulose Composite Membrane for Applications in Gas Separation"
19:40 - 19:45	Mr. Sai Vamsi Krishna Isukapalli
	"Journey Through the Realm of Ultrafast Dynamics: Unravellin the Early Events upon Photoexcitation"
19:45 - 19:50	Ms. Dhanya S. R.
	"Structural Basis for the Long-Term Memory in Mammals"
19:50 - 20:00	Concluding Remarks and Impressions: Prof. J. N. Moorthy
20:00 - 21:00	Dinner