

## Research Scholar's Day

November 9<sup>th</sup>, 2019

L-18, Indian Institute of Technology Kanpur

09:30 AM	<b>Inauguration: Head, Department of Chemistry</b>	
Talk	Chair: Prof. Veejendra K. Yadav	
09:40 AM	Abhinav Gupta	<i>Efficient Exploration of High Dimensional Free Energy Landscapes Employing Temperature Accelerated Sliced Sampling (TASS) and its Variant Parallel Bias TASS (PBTASS) Approach</i>
10:00 AM	Kamaless Patra	<i>Bifunctional Catalysts for C-C and C-N Bond Formation Reactions</i>
10:20 AM	Arko Das	<i>Chiral Metal-Indapybox Catalysed Enantioselective Mukaiyama Michael Reactions of <math>\alpha,\beta</math>-Unsaturated 2-Acyl Imidazoles</i>
10:40 AM	Surender Singh	<i>Structure, lattice dynamics and superconductivity in binary solids</i>
11:00 AM	<b>Tea Break</b>	
	Chair: Prof. Ashis K. Patra	
11:20 AM	Balakumar Emayavaramban	<i>(De) Hydrogenative functionalization of alcohols Under Base Metal Catalysis</i>
11:40 AM	Neelakshi	<i>Interaction of Bovine serum albumin (BSA) with Cationic, Anionic and Bolaform Surfactants</i>
12:00 PM	Himani Malik	<i>Ultra-Thin Film of Ferrocene Derivatives on Graphite Surface</i>
12:20 PM	Milan Maji	<i>Sustainable Synthesis of N-Heterocycles using Alcohols</i>
12:40 PM	Apurva Panjla	<i>Antimicrobial chemotherapy of multi-drug resistant <i>S.aureus</i>: Novel molecular scaffold and synergism with fluoroquinolone antibacterials</i>
01:00 PM	<b>Lunch Break</b>	
	Chair: Prof. Gurunath Ramanathan	
03:00 PM	Banshi Das	<i>Calculations of Vibrational Sum Frequency Generation Spectroscopy of Aqueous Interfaces</i>
03:20 PM	Parul Garg	<i>Cascade Reactions of Benzynes</i>
03:40 PM	Kritika Gupta	<i>Lanthanide luminescence: Application in sensing and imaging</i>
04:00 PM	<b>Poster Session and High Tea</b>	
	Chair: Prof. Thiruvancheril G. Gopakumar	
05:15 PM	Prof. Sreeraj Puravankara	<b>Nobel Lecture: Talk on the 2019 Nobel Prize in Chemistry</b>
06:00 PM	Poster Prizes/Vote of Thanks	