



# "FUTURE OF CHEMISTRY"

## SYMPOSIUM SERIES

**5<sup>th</sup> Symposium – 28<sup>th</sup> OCTOBER 2021**

(2.30 TO 7.00 PM IST ON ZOOM PLATFORM)



### Program

- 2:30 to 2:40 pm** Welcome Remarks by Prof. Sudipta Maiti (Chair, DCS)
- 2:40 to 3:00 pm** **T1- Dr. Amol M. Vibhute (Gifu University, Japan)**  
Synthesis, Chemical Biology and Supramolecular Chemistry of Sugars and Cyclitols
- 3:10 to 3:30 pm** **T2- Dr. Tushar Debnath (Ludwig-Maximilians-Universität München, Germany)**  
Exciton and Vibrational Wavepacket Dynamics of Energy Harvesting Nanomaterials and Bio-relevant Molecules using Ultrafast Optical Spectroscopy
- 3:40 to 4 pm** **T3- Dr. Darshita Budhadev (University of Leeds, UK)**  
Glycan-Gold Nanoparticles as Multifunctional Probes for Multivalent Lectin–Carbohydrate Binding: Implications for Blocking Virus Infection and Nanoparticle Assembly
- 4:10 to 4:30 pm** **T4- Dr. Paresh Majhi (Saarland University, Germany)**  
The Diverse Chemistry of Heavy Vinylidenes
- 4:40 to 5:00 pm** *SHORT BREAK (Interaction of speakers with students)*
- 5:00 to 5:20 pm** **T5- Dr. Indrajit Maity (Johannes Gutenberg-Universität Mainz, Germany)**  
Complex Chemical Reaction Networks for Biomimetics and Materials Design
- 5:30 to 5:50 pm** **T6- Dr. Srinivasa Rao Adusumalli (University of Cambridge, UK)**  
Chemical technologies for precision labeling and degradation of native proteins enabling biology and medicine
- 6:00 to 6:20 pm** **T7- Dr. Amartya Bose (Princeton University, USA)**  
Quantum Dynamics of Open Extended Systems
- 6:30 to 6:50 pm** **T8- Dr. Bijoy J. Desai (Columbia University, USA)**  
Multiplexed, bioorthogonal labeling of macromolecular complexes using genomically encoded non-canonical amino acids
- 7:00 to 7:05 pm** Concluding Remarks by Chair

Join Zoom Meeting

<https://zoom.us/j/92276978306?pwd=cFJqRy9BMEFLSEo4ZUd3TFNIMUFVQT09>

Meeting ID: 922 7697 8306  
Passcode: 369582