



# "FUTURE OF CHEMISTRY"

## SYMPOSIUM SERIES

**8<sup>th</sup> Symposium – 17<sup>th</sup> February 2022**

(3.00 TO 6.45 PM IST ON ZOOM PLATFORM)

### Program

3:00 to 3:10 pm	Welcome Remarks by Prof. Sudipta Maiti (Chair, DCS)
3:10 to 3:40 pm	<b>T1-Dr. Nilanjan Dey (Birla Institute of Technology, Pilani, India)</b> Flexible $\pi$ -Conjugated Molecules as 'Photoresponsive Probes' for Mechanobiological Applications
3:40 to 4:10 pm	<b>T2- Dr. Soumen Ghosh (Politecnico di Milano, Italy)</b> Probing Chiroptical Response with Time-Domain Broadband Circular Dichroism Spectroscopy
4:10 to 4:40 pm	<b>T3- Dr. Brijith Thomas (Weizmann Institute of Science Rehovot, Israel)</b> The Effect of Disorder on Dynamic Nuclear Polarization Solid State NMR from Paramagnetic Metal Ions
4:40 to 5:10 pm	<i>SHORT BREAK (Interaction of speakers with students/faculty)</i>
5:10 to 5:40 pm	<b>T4- Dr. Mahendra Sharma (University of Duisburg-Essen, Germany)</b> A Multi-talented Gallaphosphene $L(Cl)GaP=GaL$ and its Remarkable Reactivity
5:40 to 6:10 pm	<b>T5- Dr. Sourav Dey (Weill Cornell Medical College, NY, USA)</b> Repurposing Riboswitch Aptamers for RNA Imaging and Biosensor Applications
6:10 to 6:40 pm	<b>T6- Dr. Samir Kumar Sarkar (University of Virginia, Charlottesville, USA)</b> Tips and Tricks to the Isolation of Low-Valent p-Block Elements, Radicals and Multiply Bonded Compounds
6:40 to 6:45 pm	Concluding Remarks by Chair

