

International Symposium

Recent Advances in Self-assembled Materials and Supramolecular Chemistry

To celebrate the 60th birthday of Prof. Manoj Kumar

Department of Chemistry, Guru Nanak Dev University, Amritsar

Venue: Online/Offline(Guru Nanak Bhawan Conference Hall)

Saturday, March 19th, 2022

Inauguration

9:30 am

**Welcome address and
Information About Symposium:
Dr. Prabhpreet Singh**

9.40 am

**Information About Department:
Prof. Sukhprit Singh**

9.50 am

**Presidential Remarks
Prof. Jaspal Singh Sandhu
(Vice Chancellor)**

10:10 am

**Vote of Thanks:
Prof. Kamaljit Singh**

Technical Session 1

Time – 10:15 am- 11:45 am

Session Chairperson – Prof. Subodh Kumar

10.15 am – 10.55 am

Prof. Jong Seung Kim
Seoul University, Korea

A Small Molecule
Strategy for Targeting
Cancer Stem Cells in
Hypoxic
Microenvironments

Online mode

10.55 am - 11.20 am

Prof. Parameshwar K. Iyer
IIT Guwahati, India

Multifunctional Materials:
Towards Sensors,
Theranostics and Devices

Online mode

11.20 am – 11.45 am

Dr. Reji Varghese
IISER Thiruvananthapuram, India

Responsive DNA
nanostructures for cancer
therapy

Offline mode

11.45 am – 12:05 pm		Tea Break	
Technical Session 2			
Time – 12:05 pm - 01:10 pm			
Session Chairperson – Prof. Paramjit Kaur			
12:05 pm – 12.45 pm	Prof. Juyoung Yoon Ewha Womans University, South Korea	Recent Progress on Activatable Photosensitizers and Fluorescent Probes	Online mode
12.45 pm -01:10 pm	Dr. Sanchita Sengupta IISER Mohali, India	Multi-Stimuli programmable FRET Light Harvesting Antenna Towards Ratiometric Temperature, pH and Multiple Metal Ion Sensing	Online mode
Technical Session 3			
Time – 01:10 pm -01:45 pm			
Session Chairperson – Prof. Sumanjit Kaur			
01:10 pm - 01.35 pm	Prof. M. Sankar IIT Roorkee, India	Porphyrin-based Supramolecular Systems for Solar Cell, Electrocatalytic, Sensing and Photodynamic Therapy Applications	Offline mode
01.35 pm- 01:45 pm	Wiley Speak	-	Online mode
01:45 pm – 02:25 pm	Lunch Break/poster session		
	Poster Session Chairperson (UG/PG): Prof. Palwinder Singh		
	Poster Session Chairperson (Research scholars): Dr. Inderpreet Kaur		
Technical Session 4			
Time – 02:25 pm-03:30 pm			
Session Chairperson – Prof. S. S. Chimni			
02.25 pm - 03:05 pm	Prof. Amitava Das IISER Kolkata, India	Purpose-built Molecules and Assemblies for Imaging and Theranostic Applications	Offline mode
03:05 pm - 03.30 pm	Prof. J. Govindasamy INST Mohali, India	Innovating self-assembled materials and supramolecular chemistry based on nanotechnology	Offline mode

Technical Session 5		
Session Chairperson – Prof. Kamaljit Singh		
03:30 pm - 03.55 pm	Prof. Manoj Kumar	Offline mode
03:55 pm onwards	Poster awards and Valedictory	