

# "FUTURE OF CHEMISTRY"

## SYMPOSIUM SERIES

3<sup>rd</sup> Symposium – 19<sup>th</sup> AUGUST 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. Sunita Mehta (CSIR-CSIO Chandigarh)

*Soft, skin-interface biocompatible sweat-activated batteries for epidermal electronics and microfluidic systems*

3.10 to 3.30 pm T2- Dr. Abhigyan Sengupta (TUM, Germany)

*Tweaking Proteins into Bio-machines*

3.40 to 4.00 pm T3- Dr. Abhishek Mazumder (University of Oxford, UK)

*Mechanism of the nucleotide addition cycle in transcription elongation*

4.10 to 4.30 pm T4- Dr. Indranath Chakraborty (University of Hamburg, Germany)

*Materials with Atomic Precision*

4.40 to 5.00 pm **SHORT BREAK**

5.00 to 5.20 pm T5- Dr. Geetha Bolla (Ben-Gurion University, Israel)

*Crystalline Smart Materials design and Organic Biogenic crystallization, organic bio-minerals towards bio-photonics*

5.30 to 5.50 pm T6- Dr. Nilanjan Dey (BITS-Pilani (Hyderabad campus))

*Flexible  $\pi$ -Conjugated Molecules as 'Photoresponsive Probes' for Mechanobiological Applications*

6.00 to 6.20 pm T7- Dr. Amit Das (Northeastern University, USA)

*On the organization of the cortex of living cells: from active forces to dynamic patterning*

6.30 to 6.50 pm T8- Dr. Amitava Banerjee (Los Alamos National Laboratory, USA)

*Materials Modelling for Energy Conversion-Storage and Oxide Defect Thermokinetics*

7.00 to 7.05 pm Concluding Remarks by Chair

### Join Zoom Meeting

<https://zoom.us/j/4906223773?pwd=MXMzbEl5U0pPSFhEYS94MTNQZnRhUT09>

Meeting ID: 490 622 3773

Passcode: 190821

