

**One Day Theme Meeting on Recent Trends in Solid State Chemistry
(RTSSC-2024)**

April 06, 2024 (Saturday)

DAE Convention Centre, Anushaktinagar, Mumbai – 400094

TECHNICAL PROGRAM OF RTSSC-2024			
09:00-9:30	Registration		DAE Convention Centre, Anushaktinagar
09:30-10:00	Inauguration Chief Guest: Prof. A. K. Ganguli, Director, IISER, Berhampur		
	Plenary Session Chair: Prof. J. P. Mittal		
10:00-10:30	PL 1	Prof. A. K. Ganguli	Design of Nanomaterials for Medical Applications
10:30-11:00	PL 2	Prof. A. K. Tyagi	Solid State Chemistry: Basic Concepts to Technologies
11:00-11:15	High Tea		
	Technical Session-1 Chair: Prof. Swapan K. Ghosh		
11:15-11:40	IT-1	Prof. A. Sundaresan	Magnetoelectric Properties of Chemical Ordering-Induced Pyroelectric Oxides
11:40-12:05	IT-2	Prof. S. Uma	Targeting Functional Materials by Exploratory Solid State Chemistry Approach and by Rational Design
12:05-12:30	IT-3	Prof. R. Murugavel	Molecular and Framework Metal Phosphates for Applications in Energy, Catalysis, and Magnetism
12:30-12:55	IT-4	Prof. Shaikh M. Mobin	Design and Synthesis of Alkali Metals (Na and K) Based CP and MOF: Rare to Novel Topology and Solid-State Structural Transformation
12:55-14:00	Lunch		
	Technical Session-2 Chair: Prof. Awadhesh Kumar		
14:00-14:25	IT-5	Prof. V. Grover	Solid State Chemistry of Nuclear materials
14:25-14:50	IT-6	Prof. B. L. V. Prasad	A Chemist's Perspective on Nanomaterial Synthesis: How to Bridge the Gap Between Laboratory and Market?
14:50-15:15	IT-7	Prof. Amreesh Chandra	Disrupting the Trends in Rechargeable Batteries: Re-Injectable Architectures for Aluminium Ion Full Cells
15:15-15:30	Tea		
	Technical Session-3 Chair: Prof. Niharendu Choudhury		
15:30-16:00	IT-8	Prof. Kulamani Parida	Graphitic Carbon Nitride: Strategies to Enhance its Photocatalytic Activity
16:00-17:00	Valedictory and Felicitation		
17:00-17:15	High Tea		

ALL ARE CORDIALLY INVITED