

## SIRe Symposium 2022

13th April 2022

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Mode:		Hybrid (Online+Offline)		
SNo	Item	Speaker	Time Slot	Titles
<b>FN Session</b>				
1	Introduction to the event and outline	Prof. Ankur Goswami	10:00 AM	
2	Remarks by DD (S&P) IITD	Prof. A.K. Ganguli	10:05 AM	
3	Remarks by former Head, SIRe	Prof. A. Ramanan	10:10 AM	
4	Remarks	Prof. R. Ramaswamy	10:15 AM	
5	Remarks by Head, SIRe	Prof. Rajendra Singh	10:20 AM	
6	Invited Speaker 1	Dr. Arnab Mukhopadhyay National Institute of Immunology New Delhi	10:25-11:20 AM	The struggle to maintain a normal life: a worm's perspective
7	Student -1	Aashish Joshi	11:20 AM	Flexible carbon cloth current collector with optimized electrical properties for high performance lithium sulfur batteries
8	Student -2	Abhilasha Kumari Rani	11:30 AM	Stable cell line generation and large-scale production of CHIK-VLP in HEK293T cell line
9	Student -3	Adarsh Madhu	11:40 AM	Biological production and purification of a Bio renewable platform Chemical for High Value Products
10	Student -4	Anupa	11:50 AM	Integrated Continuous Purification for Antigen-Binding Fragments (Fab) Expressed as Inclusion Bodies: Ranibizumab as a Case Study
11	Student -5	Ashutosh Negi	12:00 PM	Trimellitic Acid Production from Biorenewables: A Techno-economic Analysis
12	Student -6	Jyotsna Pandey	12:10 PM	Psychomotor and cognitive decline implications for decision making in aging
13	Student -7	Mayuri Srivastava	12:20 PM	Development of Semi-conducting Filler Loaded Piezoelectric Polymer Based Flexible Micro Device for Energy Harvesting
14	Student -8	Neelesh Gengwar	12:30 PM	Media development and optimization for CHO cell culture
<b>Q&amp;A/Buffer/Interaction Time (12:40-12:50)</b>				
<b>Session Break (12:50 - 02:00)</b>				
<b>AN Session</b>				
15	Invited Speaker 2	Prof. Tanusri Saha Dasgupta S.N. Bose National Centre for Basic Sciences, Kolkata	2:00 - 3:00 PM	Quantum Materials by Computation: Challenges & Opportunities.

16	Student- 9	Udayan Banerjee	3:00 PM	Impedance Control: An Approach for Manipulation of Cobots
17	Student- 10	Neha Khaware	3:10 PM	Microfluidic Cell Enumeration and Infection Diagnosis
18	Student- 11	Nishant Birdi	3:20 PM	Equilibrium phases and domain growth kinetics of calamitic liquid crystals
19	Student- 12	Reena	3:30 PM	MTS1338 in Mycobacterium tuberculosis promotes detoxification of reactive oxygen species under oxidative stress
20	Student- 13	Rukmini Sarma	3:40 PM	Exploring ribosomal RNA detection for species-level identification of bacterial pathogens in a rapid, low-cost bioassay format
21	Student- 14	Sakshi Sharma	3:50 PM	Sex-Specific Behavioural alterations in rodent iowa cambling task: understanding reward processing in anxiety
22	Student- 15	Sarthak Das	4:00 PM	Antimicrobial efficacy of argon cold atmospheric pressure plasma jet on multidrug-resistant Escherichia coli
23	Student- 16	Shalini	4:10 PM	Energy Harvesting Using Water Droplet Motion in Microfluidic Channels
24	Student- 17	Shashank Shekhar	4:20 PM	Developing a Revenue Model for Bioinformatics R&D in India using Management approach
25	Student- 18	Sourav Banerjee	4:30 PM	Studies on Multifunctional (Antimicrobial, UV resistant, Antioxidant) Efficacy of Baheda Fruit (Terminalia bellirica) Coat Extract on Cotton Fabric
26	Discussion/Conclusion Session	Prof. Rajendra Singh	4:40 PM	
27	Vote of thanks	Convener - Prof. Ankur Goswami	4:45 PM	