

SI No.	Poster Titles
P01	Instabilities in sedimentation at low Reynolds number
P02	Initial study of large protein oligomers and functional fibrils by solid-state NMR
P03	Structural dynamics of P5abc domain of tetrahymena group I ribozyme
P04	A comparative study of phase field model and the sharp interface method
P05	Transient growth and its consequences in rotating channel flow
P06	Investigation of domain interaction in ApoE4 and ApoE3
P07	Starch as a scavenger of degraded Products in Protein Solutions
P08	A novel Ca ²⁺ binding NTPase: structural characterization by NMR
P09	Analysis of spin-resolved density of states in BCS type superconducting films using modified Maki's model
P10	Comparing micromagnetic and atomic spin model simulations
P11	Mechanism of amyloid fibril formation in the peptide from G-helix of myoglobin
P12	Design the syntheses of phosphagermenylidene and silicon enriched hetero-nuclear group 14 clusters.
P13	Role of nuclear magnetic resonance in determining protein conformations and activity at various timescales
P14	Sorting motile rods by activity
P15	Asymmetric exchange in flocks
P16	Syntheses of olefins based on carbenes (NHC and CAAC) and multinuclear metal complexes using aryl phosphates
P17	Stress-induced mutagenesis as a mechanism for hastening evolution
P18	Correlations in non-separable vector beams
P19	Measurement of sub-nanomolar solubility of amyloid proteins
P20	Population dynamics of an active bacterial colony
P21	On the electrocatalytic activities of nanosheets and nano junctions
P22	Mechanical properties of disordered crystals
P23	Understanding dynamics of supercooled liquids with random pinning
P24	Regulatory roles of genome organization in gene expression and DNA repair
P25	Dynamics of inertial particles with Basset history
P26	Understanding fronts in the Bay of Bengal: an approach by linear stability
P27	Tracked AuTOMated assignments in PROteins (TATAPRO-III) using Knuth-Morris-Pratt (KMP) string matching algorithm
P28	Admin team poster



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Programme Schedule: 3rd Floor Conference Hall

Welcome Address	8:30- 8:40	Sriram Ramaswamy, Director, TCIS
Session I Session Chair: Shamasree Ghosh Anusha Gopalan	8:40- 10:00	N. D. Hari Dass K. V. R. Chary Kaustubh R. Mote Sriram Ramaswamy
Poster Session & Tea	10:00-11:30	3rd Floor
Session II Session Chair: Nikhita Pasnuri P. S. Kesavan	11:30-12:50	Mustansir Barma V. Chandrasekhar Indrajit Tah Srikanth Sastry
Group Photo	12:50-13:00	In front of TCIS
Lunch	13:05-14:00	1st Floor
Session III Session Chair: Rahul Sharma Debankur Das	14:00-15:30	P. K. Madhu Aprotim Mazumder Jagannath Mondal Surajit Sengupta
Poster Session & Tea	15:30-17:00	3rd Floor
Session IV Session Chair: Bhupendra Dandekar Subhajit De	17:00-18:30	M. Krishnamurthy T. N. Narayanan Kanchan Garai Prasad Perlekar
Concluding Remarks	18:30-18:40	Surajit Sengupta, Dean, TCIS
Dinner	19:00 onwards	Panchavati Students' Hostel



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