

Day I (06/10/2018)

9:00 - 9:10	Head, Dept. of Mathematics.	Welcome & Inauguration
Session I	Chair: Dr. A K B Chand	
9:15 - 9:35	Jyoti Das Gupta	On the Cohomology ring of Torus manifolds and Related spaces
9:40 - 10:00	Neelesh Upadhye	TBA
Coffee Break		
Session II	Chair: Dr. Sruti Dubey	
10:20 - 10:40	Nirjan Biswas	Embedding theorems for unbounded domain
10:45 - 11:05	Sushmita P	A new matrix class in the context of the Linear Complementarity Problem
11:10 - 11:30	Soumitra Dey	Cyclic Coordinate update algorithms for fixed point problems
Coffee Break		
Session III	Chair: Dr. Venkatabalaji T E	
11:50 - 12:10	Manami Chatterjee	Inverse H-matrices
12:15 - 12:35	Kalpana M	TBA
12:40 - 13:00	Samprita Das Roy	A new regularization method for a non-linear parameter identification problem
Lunch Break		
Session IV	Chair: Dr. S Sundar	
2:30 - 2:50	Abhishek Kesarwani	Lightweight Recursive MDS Matrices
2:55 - 3:15	Manasi Kulkarni	Ant Colony Optimization
Group Photo & Coffee break		
Session V	Chair: Dr. M Thamban Nair	
3:45 - 4:05	Jayanthan A V	Symbolic powers of squarefree monomial ideals
4:10 - 4:30	K Ashokkumar	On reverse Faber-Krahn inequalities
6:00 - 7:00	Cultural Programme	Madhava Hall
7:30 - 9.00	Family Dinner	ICSR A/c Dinning Hall

Session I	Chair: Dr. Sounaka Mishra	
9:15 - 9:35	Parveena Shamim	Pedestrian Crowd Dynamics Model Using Social and Behavioural Forces
9:40-10:00	Bivas Khan	Positivity of line bundles on Bott tower
Coffee Break		
Session II	Chair: Dr. Soumen Sarkar	
10:20 - 10:40	Sangita Jha	Fractal Chebyshev System
10.45 - 11.05	Rajib Sarkar	Hilbert Series of Join of Two Graphs
11.10 - 11.30	Aprameyan P	Geometric quantisation and representations of Lie groups
Coffee Break		
Session III	Chair: Dr. V Uma	
11:50 - 12:10	Lavanya S	Intervals of M-matrices
12:15 - 12:35	Amit Kumar Singh	Semi-Stability of the pullback of $T_{\mathbb{P}^2}$ on an elliptic curve
12:40 - 13:00	Ramesh Kasilingam	Exotic Smooth Structures and Geometric Structures
Lunch Break		
Session IV	Chair: Dr. Priyanka Sukla	
2:30 - 2:50	Jaikrishnan J	A sprint through advanced complex analysis
2:55 - 3:15	Suchismita Mishra	Strong edge coloring of products of trees
Coffee Break		
Session V	Chair: Dr. C H S Rao	
3.20 - 3.40	Bhupendra Singh	A class of cryptographically significant large bijective mapping
4.00 - 4.20	Sampa Dey	Statistics of Moduli space of vector bundles
4.25 - 4.45	J V Ramana Reddy	Modelling and Simulation of Rheological Complex Fluid
High Tea		