



**INTERNATIONAL CONFERENCE ON RECENT TRENDS IN
APPLIED MATHEMATICS – ICRTAM 2023**

Department of Mathematics, Loyola College, Chennai 600 034, India

24th & 25th FEBRUARY 2023

PROGRAM SCHEDULE

meet link: <https://meet.google.com/uhq-fuzg-qzw>

DAY 1 – 24th February 2023

9.00 – 9.30 a.m. (IST)	INAUGURAL FUNCTION		
9.30 – 10.30 a.m. (IST)	Keynote Address	Prof. Xueliang Li Centre of Combinatorics Nankai University, Tianjin, China Title: Extremal Problems for Graphical Function-Indices and Function-Weighted Adjacency Matrices	L S HALL (Online mode)
10.30 – 11.00 a.m. (IST)	HIGH TEA		
11.00 – 11.50 a.m. (IST)	Invited Talk 1	Dr. T. Karthick Computer Science Unit Indian Statistical Institute Chennai, India Title: Recent Results on Vertex Coloring of Graphs	L S HALL (Offline)
12.00 – 12.50 p.m. (IST)	Invited Talk 2	Prof. A. K. Bedabrata Chand Department of Mathematics Indian Institute of Technology Chennai, India Title: Shape Preserving Aspects of Graph Directed Fractal Functions	L S HALL (Offline)
1.00 – 2.00 p.m. (IST)	LUNCH BREAK		
2.00 – 2.50 p.m. (IST)	Invited Talk 3	Dr. Mathew Thorpe Department of Applied Mathematics The University of Manchester United Kingdom Title: Linearised Optimal Transport Distances	L S HALL (Online mode)
3.00 – 4.00 p.m. (IST)	PAPER PRESENTATION		

4.00 – 4.15 p.m. (IST)	HIGH TEA		
DAY 2 – 25th February 2023			
9.00 – 9.50 a.m. (IST)	Invited Talk 4	<p style="text-align: center;">Prof. Yang Kuang School of Mathematical and Statistical Sciences Arizona State University Tempe, USA</p> <p style="text-align: center;">Title: Rich and Realistic Dynamics of Resource Quality- based Population Models</p>	M R F HALL (Online mode)
10.00 – 10.50 a.m. (IST)	Invited Talk 5	<p style="text-align: center;">Dr. Vidyottama Jain Department of Mathematics, Central University of Rajasthan India</p> <p style="text-align: center;">Title: Semi-Markov Modeling for Power Efficiency of NB-IoT Devices in 5G Networks</p>	M R F HALL (Online mode)
10.50 – 11.15 a.m. (IST)	HIGH TEA		
11.15 – 12.10 p.m. (IST)	Invited Talk 6	<p style="text-align: center;">Dr. Nachiketa Mishra Department of Mathematics IITDM, Kancheepuram India</p> <p style="text-align: center;">Title: Epidemic Models on a Graph Network</p>	M R F HALL (Online mode)
		<p style="text-align: center;">Dr. A. Felix Department of Mathematics VIT, Chennai India</p> <p style="text-align: center;">Title: Fuzzy Inference System and its Applications in Medical Diagnosis</p>	Centennial Physics Ph.D Hall (Offline)
12.10 – 1.00 p.m. (IST)	PAPER PRESENTATION		
1.00 – 2.00 p.m. (IST)	LUNCH BREAK		
2.00 – 3.00 p.m. (IST)	VALEDICTORY FUNCTION & CERTIFICATE DISTRIBUTION		
3.00 – 3.30 p.m. (IST)	HIGH TEA		