

SASTRA DEEMED TO BE UNIVERSITY
1st International Mathematics Conclave 2023 (IMC-2023)
(Sponsored by NBHM)

23-25 November 2023
List of paper presenters (On-line mode)

S. No	Paper ID	Name of the presenter	TITLE OF THE PAPER
Cohort 1- Dr. A. Umamaheswaran --23/11/2023-(4.30 PM-5.30 PM)			
1	IMC2023_01	Sanowar Ahasan and Sunil Kumar	Fractional Order Smoking Model by using the Bernoulli wavelet method and Optimal Control Theory
2	IMC2023_02	Anish Ray	On the Constants of the Lang-Trotter Conjecture for CM Elliptic Curves
3	IMC2023_03	Mehdha	Sharp Estimates of Toeplitz and Hankel Determinants for a certain Subclass of Analytic Functions Using Poisson distribution series in Petal Shaped Domain
4	IMC2023_05	Vennila	An EOQ Inventory Model for Implementing the Circular Economy in Municipal Solid Waste Management.
5	IMC2023_07	J.Anitha ,Indra Rajasingh	Domination Parameters in Divide and Swap Networks
Cohort 2- Dr. S Sriram--23/11/2023-(4.30 PM-5.30 PM)			
6	IMC2023_08	Ayan chakraborty,Nirmal Kumar Durai,Tripti Chakrabarti	Sustainable Inventory Model with Carbon Emission Price Dependent Demand under different Carbon Emission Policies
7	IMC2023_09	G. Ayyappan,G. Archana @ Gurulakshmi	Analysis of Retrial Queue with Two Way Communication, Working Breakdown and Collision
8	IMC2023_10	Bharati Borgohain,Niranjana Bora	VECTOR SPACE OF LINEARIZATIONS FOR QUADRATIC RECTANGULAR TWO-PARAMETER MATRIX POLYNOMIAL

9	IMC2 023_1 1	Bharathi M. C. ,Ramesh B. Kudenatti	Linear stability analysis of viscoelastic Giesekus fluid in the Poiseuille and Couette flows
10	IMC2 023_1 2	Călin-Adrian Popa	Finite-time synchronization of fractional-order octonion-valued neural networks with leakage, time-varying, and neutral-type delays
Cohort 3- Dr DRVSR K Sastry --23/11/2023-(4.30 PM-5.30 PM)			
11	IMC2 023_1 3	Chithraponnu R , Umamaheswari S	An Ennobled ABO System Inventory Management: A Simulation-Based Approach
12	IMC2 023_1 4	G. Devipriya	Analytical Solution of Propagation of Malicious Objects in Computer Network Model with the Effect of Education Campaign by Homotopy Perturbation Method
13	IMC2 023_1 8	Tharmalingam Gunasekar	Solving fractional integro-differential equations by Sawi transform
14	IMC2 023_1 9	Masud Hassan , Sk. Md. Abu Nayeem	On zero divisor graph of Z -module over $Z_p \oplus Z_{2p}$
15	IMC2 023_2 2	Jinny Ann John, and Jayakumar Jayaraman	Analyzing Semi-Local Convergence in Higher-Order Iterative Methods
Cohort 4- Dr. D Sarala--23/11/2023-(4.30 PM-5.30 PM)			
16	IMC2 023_2 5	M.Kamarnabisha, K.Thirusangu,E.Es akkiammal	DEGREE FACTORIAL ENERGY OF CERTAIN GRAPHS
17	IMC2 023_2 6	D.Karthika, K.Karthikeyan	A Comparative Study on Combined Forecasting Methodology and ANN Model in Precipitation Prediction
18	IMC2 023_2 8	Kumbinarasaiah S	A numerical study on MHD boundary layer flow over an exponentially stretching sheet by Haar wavelet method
19	IMC2 023_2 9	A. Lourdusamy,I. Dhivviyanandam,L ian Mathew	Split Domination Cover Pebbling Number of Some Graphs
20	IMC2 023_3 3	Abujafar Mandal, Sk. Md. Abu Nayeem	Bounds of Energy of a Graph with self-loops

Cohort 5- Dr. S Raja Balachandar--23/11/2023-(4.30 PM-5.30 PM)

21	IMC2 023_3 4	Mukesh Lahon	Computation of fuzzy eigenvalues and eigenvectors of generalized fuzzy eigenvalue problem using nonlinear programming approach
22	IMC2 023_3 5	M. Muthumeena ,S. Balamurali	Optimal Designing of Chain Sampling Plan for Assuring Median Life Under New Compounded Bell Weibull Life Time Model
23	IMC2 023_3 7	Osman Gani Mondal,Sk. Md. Abu Nayeem	Line idempotent graph of some commutative rings
24	IMC2 023_3 8	Kala RAJA MOHAN, Nagadevi Bala NAGARAM, R. Narmada DEVI, Lidiya EVANJALINE	Stability Evaluation for Exponential Growth Life Stage of Pantry Moth in Wheat Flour
25	IMC2 023_3 9	K. Ponmari, M. Senthilkumaran	Dynamical Analysis of a HIV/AIDS Epidemic Model with Vertical Transmission and Beddington-DeAngelis Incidence Rate

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27	IMC2 023_ 42	K. Ranjith, K. Karthikeyan	Hybrid Particle Swarm Optimization for Permutation Flow Shop Scheduling with Makespan Criterion
28	IMC2 023_ 45	S. Sahayarajjoseph Nirmalkumar,S. Sujith	Best proximity pair theorem for cyclic Meir-Keeler contraction mapping on topological spaces
29	IMC2 023_ 46	Sangeeta,Aruna va Majumder,A. Parthiban	More Results on 3-equitable Labeling of Graphs
30	IMC2 023_ 47	Sanjukta Das	Optimal feedback control of Hilfer fractional differential systems

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31	IMC2 023_ 48	Saranya M,Jayanthi D	Cubic Intuitionistic Fuzzy Relations
32	IMC2 023_ 49	R. Saravanakumar,T . Akilandeswari	MATHEMATICAL MODELS OF CHEMICAL REACTION NETWORK USING HOMOTOPY PERTURBATION METHOD
33	IMC2 023_ 50	G.Saravanan, S.Baskaran, B.Vanithakumari, T. V. Sudharsan	Sakaguchi Type Functions Defined by (p, q)-Derivative operator Using Balancing Polynomials
34	IMC2 023_ 51	R.Sathish Srinivasan,R.Ezh ilarasi,K.G.Subra manian,T.V.Sudh arsan	On the second and third order Vandermonde determinants for a subclass of analytic functions in the Limacon domain
35	IMC2 023_ 53	Shefali Gupta ,Dinesh Udar	Application of *-Semiclean ring in construction of LCD abelian codes and self-orthogonal abelian codes

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38	IMC2 023_ 60	Dr Thiruchinapalli Srinivas	ALGEBRAIC STRUCTURE OF SOME POLYGONAL NUMBERS
39	IMC202 3_62	E.Vanishree, R.Ezhilarasi,Abd ul Rahman S.Juma ,T.V.Sudharsan	Sharp estimates of second and third -order Hankel determinants for a certain class of analytic functions related to exponential function using Hohlov operator

40	IMC20 23_63	S. Vennila, K. Karthikeyan	An EOQ Inventory Model for Implementing the Circular Economy in Municipal Solid Waste Management.
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45	IMC2 023_73	M. Kavitha , R. Irene Hepzibah	Neutrosophic Fuzzification Based on Survey Responses

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63	IMC 202 3_1 00	Saina Debbarma	Fuzzy Group Decision Making Approach for LiB Recycling Technology Selection
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90	IMC2 023_3 0	R Madhumidha ,S. Balaji	Performance analysis of M/G/1 queue with disasters under working breakdowns by repeated attempts of customers

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94	IMC20 23_31	P.Mahalakshmi ,J.Vimala	Strategizing Cybersecurity for Multi-National Corporations: Novel Insights from q-Rung Orthopair Multi-Fuzzy Distance Measures

In case of problem in joining the google meet please contact the Cohorts :

Name of the cohort	Date and Time	Mobile number	Google meet link
Cohort 1: Dr A Umamaheswaran	23/11/2023-(4.30 PM-5.30 PM)	8523915395	https://meet.google.com/bio-afns-cdg
Cohort 2: Dr S Sriram	23/11/2023-(4.30 PM-5.30 PM)	9840919181	https://meet.google.com/kwu-ybdu-mwh
Cohort 3: Dr DRVSRK Sastry	23/11/2023-(4.30 PM-5.30 PM)	9849643469	https://meet.google.com/axi-icmv-ecd
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Cohort 5: Dr S Raja Balachandar	23/11/2023-(4.30 PM-5.30 PM)	9600461662	https://meet.google.com/xof-wnhb-ihk
Cohort 6: Dr S G Venkatesh	23/11/2023-(4.30 PM-5.30 PM)	9944682448	https://meet.google.com/kmy-pztj-dzn
Cohort 7: Dr M Mallikaarjuna	23/11/2023-(4.30 PM-5.30 PM)	6383686665	https://meet.google.com/ive-hvqi-rpu
Cohort 8: Dr S Balaji	24/11/2023-(2.30 PM-3.30 PM)	9843508332	https://meet.google.com/nzu-stcx-khz
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Cohort 11: Dr Kamalika Roy	24/11/2023-(2.30 PM-3.30 PM)	9775428757	https://meet.google.com/xjf-jbah-cfy
Cohort 12: Dr R Seethalakshmi	24/11/2023-(2.30 PM-3.30 PM)	9443544793	https://meet.google.com/znp-ydpv-acd

Cohort 13: Dr S Kalidasan	24/11/2023-(2.30 PM-3.30 PM)	7402094570	https://meet.google.com/hnf-gftb-nmw
Cohort 14: Dr S Velmurugan	24/11/2023-(2.30 PM-3.30 PM)	9487406071	https://meet.google.com/aeo-ftsm-vjk
Cohort 15: Dr K Periyadurai	24/11/2023-(2.30 PM-3.30 PM)	9791209751	https://meet.google.com/fpo-dnwu-mju
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Cohort 19: Dr G Sathyamoorthy	25/11/2023-(3.30PM-4.00PM)	9443121142	https://meet.google.com/nay-escz-nvh
Cohort 20: Dr H Nareshkumar	25/11/2023-(3.30PM-4.00PM)	8940647372	https://meet.google.com/ugy-ievu-twj