

**LIST OF PAPERS SELECTED FOR PRESENTATION IN THE CONFERENCE**

<b>PAP ER ID</b>	<b>Name</b>	<b>Institute Name</b>	<b>Title of the Paper</b>
icaip a_01	Devika S	Department of Mathematics, IIT Madras	Finite Element Methods for the Inverse Source Problem
icaip a_02	PALLAVI MAHALE	Department of Mathematics, Visvesvaraya National Institute of Technology Nagpur	CONVERGENCE ANALYSIS OF SIMPLIFIED GAUSS-NEWTON METHOD UNDER A HEURISTIC RULE
icaip a_03	Pardeep Kumar	Department of Mathematics, Indian Institute of Technology Roorkee-IIT Roorkee,	Well-posedness of an inverse problem for two and three dimensional convective Brinkman- Forchheimer equations with the final overdetermination
icaip a_04	D. Anjuna	Department of Mathematics Indian Institute of Space Science and Technology (IIST) Trivandrum	DETERMINATION OF A SPATIAL LOAD IN A DAMPED KIRCHHOFF PLATE EQUATION
icaip a_05	Supriya Karmakar	Department of Mathematics, Indian Institute of Technology Madras, Chennai 600036, India	Non-modal stability of open channel flows over submerged porous bottom
icaip a_06	Sreethin Sreedharan Kallyadan	Department of Mathematics, Indian Institute of Technology Madras, Chennai 600036, India	Self-similar motion of point vortices
icaip a_07	Mohit Kumar	Department of Mathematics Indian Institute of Technology Madras Chennai-600036, India	Recurrent Fractal Functions for $\alpha$ -Stable Noisy Data
icaip a_08	VIJAY	Department of Mathematics Indian Institute of Technology Madras Chennai - 600036, India	ZIPPER FRACTAL BASES FOR SOME BANACH SPACES
icaip a_09	ANEESH MUNDAYADAN	School of Basic Sciences, Indian	HYPERCYCLIC UNBOUNDED OPERATORS IN WEAK TOPOLOGIES

		Institute of Technology Bhubaneswar	
icaip_a_10	Satyajit Sahoo	P.G. Department of Mathematics, Utkal University, Vanivihar, Bhubaneswar-751004, India	On A-Numerical Radius Equalities and Inequalities for Certain Operator Matrices
icaip_a_11	Pratibha Verma	Department of Mathematics, Motilal Nehru National Institute of Technology Allahabad,	Existence and uniqueness of nonlinear integro-differential equations with variable order
icaip_a_12	Krishnendu R	Research Scholar, NITK Surathkal	Lavrentiev Regularization Method with A New Source condition and A Priori Parameter Choice Strategy
icaip_a_13	Nabil Saouli, Fairouz Zouyed	Laboratory of Applied Mathematics, Badji Mokhtar Annaba, PO 12, Annaba, Algeria	The modified regularization method for identifying the unknown source and on parabolic problem
icaip_a_14	Nasreddine Nemis	LANOS Laboratory, Department of Mathematics, Badji Mokhtar-Annaba University, Annaba, Algeria	Optimal error estimates of a class of system of two quasi-variational inequalities
icaip_a_15	Ashutosh Pandey	PhD research scholar, Department of Mathematics, University of Delhi,	Well-posedness of a Neumann-type problem on a gauge ball in H-type groups
icaip_a_16	Sudipta Sarkar	Discipline of Mathematics, Indian Institute of Technology Indore, Simrol,	Multiplication generated duals of a frame
icaip_a_17	Sarathkumar N S	Cochin University of Science and Technology, Cochin, Kerala, India	Banach Spaces of GLT Sequences and Function Spaces
icaip_a_18	G. DIVYA	Department of Mathematics and Statistics,, IIT Tirupati, Tirupati, India.	RECONSTRUCTION OF THE MASS DENSITY BY INJECTING SMALL SCALED/ HIGH DENSITY CAVITIES
icaip_a_19	DURANTA CHUTIA	Department of Mathematical	WEIGHTED WEAK-TYPE GENERALIZED INEQUALITIES FOR THE INTEGRAL

		Sciences, Tezpur University, Assam, India	OPERATORS OF HARDY TYPE
icaip_a_20	Suresh Babu Gopalkrishna	Institute of Thermodynamics and Fluid Dynamics Otto-von Guericke University Magdeburg	Inverse Heat Conduction with Tikhonov Regularisation to Estimate the Unknown Heat Flux in Quenching of Metals
icaip_a_21	SOUMEN SENAPATI	Tata Institute of Fundamental Research, CAM, Bangalore, India	STABILITY FOR SOME FORMALLY DETERMINED INVERSE PROBLEMS FOR A HYPERBOLIC PDE WITH SPACE AND TIME DEPENDENT COEFFICIENTS
icaip_a_22	Athira Babu	Department of Mathematics, Cochin University of Science and Technology, Kerala, India	Numerical Solution of Fredholm Integral Equation with Green's type Kernel using B-spline Collocation
icaip_a_23	Prashant K. Pandey	Department of Mathematical Sciences, Indian Institute of Technology (BHU)	Variational approximation for fractional Sturm-Liouville problem
icaip_a_24	Arnab Kundu	2Department of Science and Mathematics, Indian Institute of Information Technology Guwahati,	Covering maps of semi-equivelar toroidal maps
icaip_a_25	Ankush Kumar	Department of Mathematics Visvesvaraya National Institute of Technology, Nagpur	Simplified Gauss-Newton Methods for Nonlinear Ill-Posed Operator Equations in Hilbert Scales
icaip_a_26	ALOK K. SAHOO	Dept. of Mathematics, IIT Hyderabad	HOPF REDUCTION AND ORBIT CONCENTRATING SOLUTIONS FOR A CLASS OF SUPERLINEAR ELLIPTIC EQUATIONS
icaip_a_27	Dr. Shivam Bajpeyi	Department of Mathematics, Indian Institute of Technology Delhi,	Approximation by a Family of Exponential Sampling Type Operators
icaip_a_28	Lavina Sahijwani	Indian Institute of Technology Roorkee	Approximate Controllability of Higher Order Riemann-Liouville Fractional Differential Systems with Non-instantaneous Impulses
icaip_a_29	Arpan Mukherjee	RICAM, Austrian Academy of Sciences, A-4040, Linz, Austria	Heat Generation using Plasmonic Nanoparticles Estimation via Time-Domain Techniques

icaip a_30	SHUBHAM R. BAIS	Department of Mathematics, Indian Institute of Technology - Hyderabad	BOUNDEDNESS CRITERION FOR A CLASS OF INTEGRAL OPERATORS ON THE FOCK SPACE
icaip a_31	Shanola Smitha Sequeira	Department of Mathematics, IIT Hyderabad	Structure of hyponormal operators in the closure of AN -operators
icaip a_32	Md Hasan Ali Biswas	Department of Mathematics, IIT Madras	PRINCIPAL SHIFT INVARIANT SPACES ASSOCIATED WITH THE SPECIAL AFFINE FOURIER TRANSFORM