

**International Conference on Mathematical Analysis and Applications
(MAA 2020)**

November 02-04, 2020

SCHEDULE FOR THE FIRST DAY

Time is in IST (UTC+5:30) Format (Indian Time)

Day 01: November 02, 2020		Link
08:00-09:00	INAUGURAL FUNCTION Chief Guest: Prof. Ram N. Mohapatra (University of Central Florida, USA)	Sent by Email
09:00-09:50	Prof. Ram N. Mohapatra (University of Central Florida, USA) Title of Talk: Equilibrium Problems Arising in Variational Inequalities (Session Chair: Dr. A. Swaminathan (IIT Roorkee))	
10:00-10:50	Prof. G. K. Srinivasan (IIT Bombay, India) Title of Talk: On the removable singularities theorem for harmonic functions (Session Chair: Dr. A. Swaminathan (IIT Roorkee))	
11:00-13:30	Contributed Talks (Parallel Sessions)	Sent by Email
18:00-18:50	Dr. Ratikanta Behera (University of Central Florida, USA) Title of Talk: Wavelets for Evolution Problems with Localized Structures (Session Chair: Dr. Sunil Kumar, Head, Dept. of Mathematics, NIT Jamshedpur)	Sent by Email
19:00-19:50	Dr. Armin Straub (University of South Alabama, USA) Title of Talk: Gaussian binomial coefficients with negative arguments (Session Chair: Dr. Sunil Kumar, Head, Dept. of Mathematics, NIT Jamshedpur)	

Sessions	Time	Full Name	Affiliation (University / Institution)	Title of Talk
PS-I (Nov 02, 2020) (11:00-13:30) Session Chair: Dr. Sabyasachi Biswas (+91 8981741110)	11:00	Lateef Ahmad Wani	Indian Institute Of Technology Roorkee	Sufficient Conditions Concerning the Unified Class of Starlike and Convex Functions
	11:15	MOLLA BASIR AHAMED	Indian Institute Of Technology Bhubaneswar	Uniqueness result of meromorphic functions and some sharing problems
	11:30	Nirmal Kotal	Chennai Mathematical Institute	Rolle's Mean Value Theorem for Holomorphic Functions of a Generalized Complex Variable
	11:45	ADIBA NAZ	University of Delhi	Starlikeness of the B_{κ^c} -operator associated with the exponential function.
	12:00	Sheila M. Menchavez	MSU-Iligan Institute of Technology, Philippines	One Dimensional Parametrized Test Functions Space of Entire Functions
	12:20	Muhsin Incesu	Mus Alparslan University, Turkey	ON THE BERTRAND PAIRS OF OPEN NON UNIFORM B-SPLINE CURVES
	12:40	Abey Sherif Kelil	Nelson Mandela University, South Africa	Application of Shehu-Adomian Decomposition Method for solving dispersive KdV-like equations
	13:00	Ahmed Hamed Saoudi	Northern Border University & Tunis El Manar University, Tunisia	On the Weinstein-Wigner transform and localization operators
PS-II (Nov 02, 2020) (11:00-13:30) Session Chairs: Dr. Kushal Sharma (+91 989 6500400) and Dr. Basir Ahmed (+91 8617296733)	11:00	Ankit Pal	Sardar Vallabhbhai National Institute of Technology, Surat	Some results on the \mathcal{R} -function associated with generalized fractional calculus operators
	11:15	Sanjay Kumar	Central University of Jammu	Boundedness, compactness and essential norm estimates of weighted composition operators on $\mathcal{D}_{\alpha,p}$ spaces
	11:30	Ramya P	Department of Mathematics , N.S.S College, Nemmar	Tikhonov Type Regularization for Unbounded Operators
	11:45	Karunesh Kumar Singh	Institute of Engineering and Technology, Dr. A. P.J.Abdul Kalam Technical University	On Differences of Positive Linear Operators
	12:00	Murli Manohar Gour	Manipal University Jaipur	SOME CLASSES OF ANALYTIC FUNCTIONS BOUND WITH KOBER OPERATORS IN q-CALCULUS
	12:15	BHUVANESHWARI T	PRESIDENCY UNIVERSITY	Power of a meromorphic function whose certain differential polynomial share a set with its derivative
	12:30	VEENA	Government Science College, Bangalore	WEIGHTED VALUE SHARING AND UNIQUENESS OF ENTIRE AND MEROMORPHIC FUNCTIONS OF A LINEAR DIFFERENTIAL POLYNOMIAL
	12:45	S. SUNIL VARMA	MADRAS CHRISTIAN COLLEGE (AUTONOMOUS)	ON A SUBCLASS OF HARMONIC MAPPINGS WITH RESTRICTED ANALYTIC PART
	13:00	NAGARJUN V	Presidency University	Meromorphic Function of a Homogeneous Differential Polynomials Sharing a Set of the Roots of Unity
	13:15	CHETHAN KUMAR S	Presidency University	Some Results Concerning To Homogeneous Differential Polynomial With Weighted Sharing
PS-III (Nov 02, 2020) (11:00-13:00) Session Chairs: Dr. Rakesh Kumar Meena (+91 741755268) and Dr. Supriyo Dutta (+91 8250440115)	11:00	Sanjay Madhukar Chinchole	Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College, Manmad	An Introduction to New Special Function Using Fractional Calculus
	11:15	Ajay Kumar	Hemvati Nandan Bahuguna Garhwal University (A Central University)	Numerical solution of fractional Klein-Gordon equation with Caputo-Fabrizio fractional operator
	11:30	AKMAL RAZA	JAMIA MILLIA ISLAMIA	A New Approach for Denoising Images using Diffusion Equation and Wavelets
	11:45	Santanu Acharjee	Gauhati University	On entropy with respect to two topologies
	12:00	Veer Singh	Shiv Nadar University	Positivity of Hadamard powers of tridiagonal matrices
	12:15	Sachin Kumar Verma	NIT Hamirpur	A system of coupled two-term fractional differential equations
	12:30	Aastha Malhotra	University of Delhi	Complex symmetry of weighted composition operators on the space $\mathcal{H}^2_{\alpha,\beta}(\mathbb{D})$
	12:45	G SARAVANAN	Patrician College of Arts and Science, Adyar	On a new subclass of Sakaguchi type functions using $(p;q)$ - derivative operator
	13:00	SAVITA HANAJI	Karnatak University Dharwad	Hermite Wavelet Based Numerical Scheme for Solving Benjamina-Bona-Mohany Partial Differential Equations
PS-IV (Nov 02, 2020) (11:00-13:30) Session Chairs: Dr. Subhodeep Metya (+91 8910690990) and	11:00	Supriyo Dutta	Indian Institute of Technology Kharagpur	An Information Theoretic Entropy Related to Ihara ζ Function and Billiard Dynamics
	11:15	Mohabbat Ali	Jamia Millia Islamia (A Central University)	Some Curvature Conditions on Riemannian Manifolds
	11:30	Farooq Ahmad Sheikh	Govt college for Women Nawakadal Srinagar J&K	Generalization of the hypergeometric fractional integral operator in relationship with R. Function
	11:45	Rakesh Kumar Parmar	University College of Engineering and Technology Bikaner	(p,q) -Extended incomplete and complete elliptic-type integrals
	12:00	Prashant Singh	Banaras Hindu University	Continuous fractional Hankel wavelet transform on some function spaces

Dr. Lateef Ahmad Wani (+91 9675250863)	12:15	Sabiya Khatoon	Jamia Millia Islamia, New Delhi	Approximation of fixed point and its application to fractional differential equation
	12:30	KANIKA	National Institute of Technology Hamirpur	Existence of Solution for Neutral Caputo-Hadamard Fractional Differential Equation via the Method of Upper and Lower Solution.
	12:45	Ankit Kumar	National Institute of Technology Hamirpur (H.P.)	Trajectory Controllability of Integro-differential Systems of Fractional Order $\gamma \in (1, 2]$ in a Banach Space with Deviated Argument
	13:00	Kalpana Gopalan	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam	New Fixed Point Theorems in Operator Valued Extended Hexagonal b-Metric Spaces