PROGRAM SCHEDULE (WFAA-2022)

(JANUARY 14-16, 2022)

Day1: January 14, 2022 (Friday)

Inaugural Session	
9:45– 9:50	Welcome note by Dr. Abdullah Bin Abu Baker
9:50– 10:00	Guest of Honour address by Prof. Ramji Lal
10:00– 10:05	Address by Dr. Ratan K. Saha, HoD, Department of Applied Sciences

Session I Chair Person: Dr. Sumit Kumar Upadhyay		
Time	**Speaker**	**Topic**
10:05 – 10:50	Dr. Abdullah Bin Abu Baker, IIIT Allahabad	Foundations of Functional Analysis
11:00 – 11:50	Prof. Rafikul Alam, IIT Guwahati	Perturbation analysis of discrete eigenvalues of bounded linear operators
12:00- 12:50	Dr. Amit Priyadarshi, IIT Delhi	Application of positive linear operators in finding the Hausdorff Dimension

Session II Chair Person: Dr. Anand Kumar Tiwari		
15:00-15:50	Dr. Vamsinadh Thota, NIT Tiruchirappalli	Various Smoothness Properties in Banach Spaces
16:00-16:50	Dr. Priyanka Grover, Shiv Nadar University	Orthogonality in some Banach spaces
17:00-17:50	Dr. Vishvesh Kumar, Ghent University, Belgium	Continuity of linear operators commuting with convolution operators

Day2: 15 January, 2022 (Saturday)

Session I		
Chair Person: Dr. Seema Kushwaha		
Time	**Speaker**	**Topic**
10:00 – 10:50	Dr. Syed Abbas, IIT Mandi	Introduction to fractional calculus with applications
11:00 – 11:50	Dr. Basant Lal Sharma, IIT Kanpur (Guest Speaker)	Some problems in discrete scattering and lattice mechanics
12:00- 12:50	Dr. Abdullah Bin Abu Baker, IIIT Allahabad	Projections in the convex hull of isometries on Banach spaces
Session II		
Chair Person: Dr. Sumit Kumar Upadhyay		
15:00-15:50	Dr. Javid Ali, Aligarh Muslim University	Fixed Point Theory on CAT(0) Spaces and an Application
16:00-16:50	Dr. G Sankara Raju Kosuru, IIT Roper	A Geometric View of Hahn-Banach Extension Theorem
17:00-17:50	Ms. Soma Das, IIT Guwahati	Almost Invariant Subspaces of the Shift Operator on Vector-Valued Hardy Spaces

Day3: 16 January, 2022 (Sunday)

Session I		
Chair Person: Dr. Savitri Joshi		
Time	**Speaker**	**Topic**
10:00 – 10:50	Dr. G Ramesh, IIT Hyderabad	On Operators attaining norm on every reducing subspace
11:00 – 11:50	Dr. Izhar Uddin, Jamia Millia Islamia	Fixed Point Theory of nonexpasive Mappings and Proximal Point Algorithm
12:00- 12:50	Dr. Sangita Jha, NIT Rourkela	Fractal operator corresponding to α-fractal functions
Session II		
Chair Person: Dr. Saurabh Verma		
15:00-15:50	Dr. Kousik Dhara, Weizmann Institute of Science, Israel	Norm attaining of Teoplitz operators
16:00-16:50	Mr. Chandan Pradhan, IIT Guwahati	Trace formulae in Perturbation theory
17:00-17:10	Vote of Thanks	