

Tentative Program Schedule (WGTRA 2022)

(November 14, 2022- November 16, 2022)

Day1: November 14, 2022 (Monday)

Inaugural Session		
9:50– 9:55	Welcome note by Dr. Sumit Kumar Upadhyay	
9:55– 10:00	Address by Dr. Ratan K. Saha, HoD, Department of Applied Sciences	
Session I		
Chair Person: Dr. Abdullah Bin Abu Baker		
Time	Speaker	Topic
10:00 – 10:50	Prof. Manoj Yadav, HRI Allahabad	Skew braces and solutions of the Yang Baxter Equation
11:00 – 11:50	Prof. C. S. Dalawat, HRI Allahabad	Galois's Last Theorem
12:00- 12:50	Dr. Vipul Kakkar, University of Rajasthan	Sudoku and Groups
Session II		
Chair Person: Dr. Anand Kumar Tiwari		
15:00- 15:50	Dr. Ritumoni Sarma	The group of inner product preserving operators
16:00- 16:30	Dr. Sumit Kumar Upadhyay, IIIT Allahabad	Projective modules and Unimodular rows
16:40- 17:10	Dr. Mani Shankar Pandey, IMSc Chennai	Properties of a multiplicative Lie algebra

Day2: November 15, 2022 (Tuesday)

Session I		
Chair Person: Dr. Savitri Joshi		
Time	Speaker	Topic
10:00 – 10:50	Prof. Ramji Lal, IIIT Allahabad	Schur - Weyl duality in Representation Theory
11:00 – 11:50	Prof. Ashish Kumar Upadhyay, BHU	Initiation into Coding Theory
12:00- 12:50	Dr. Rabeya Basu, IISER Pune	On the Whitehead Group K_1
Session II		
Chair Person: Dr. Saurabh Verma		
15:00- 15:30	Dr. Sumit Kumar Upadhyay, IIIT Allahabad	Properties of algebraic fundamental group
15:40- 16:10	Dr. Seema Kushwaha, IIIT Allahabad	Group actions and the Farey graph
16:20- 16:50	Mr. Akshay Kumar, IIIT Allahabad	Extension theory of gyrogroups

Day3: November 16, 2022 (Wednesday)

Session I		
Chair Person: Dr. Seema Kushwaha		
Time	Speaker	Topic
10:00 – 10:50	Prof. Shiv Datt Kumar, MNNIT Allahabad	Group based cryptographic protocols
11:00 – 11:50	Dr. Jyoti Singh, VNIT Nagpur	Classification of Non F-Pure Rings in Characteristic two
12:00- 12:50	Dr. Vivek Jain, Central University of South Bihar	Orthomorphism Graphs of Groups
Session II		
Chair Person: Dr. Mani Shankar Pandey		
15:00- 15:30	Dr. Priti Singh, Patna Science College	Properties of linear type of an ideal
15:40- 16:10	Dr. Ratnesh Mishra, NIT Jamshedpur	Projective dimension of module over Laurent polynomial ring
	Vote of Thanks	