CENTRAL UNIVERSITY OF JAMMU

Department of Mathematics

· DST-FIST Sponsored Department

Rahya-Suchani (Bagla), District Samba-181143, Jammu (J&K)

Project Titles of M.A/M.Sc Mathematics Semester –IV

Session 2020-22

S.no	Roll no	Name of Students	Title of the Project	Name of Supervisor
1.	0200320	Ahmad Hussain	Sequence	Dr. Ajay K. Sharma
2.	1100320	Bashir Ahmad	The number of Solutions to ax + by+ cz= n and its relations to Quadratic Residues	
3.	1200320	Bhanu Goyal	The Ulam Sequence of Linear Integer Polynomials	
4.	1300320	Deepika Devi	Further Results on Paths in an n – Dimensional Cubic Lattice	
5.	1400320	Diksha Kumari	Commutativity Theorems in Groups with Powers like Maps	
6	2400320	Monika Sharma	Orbits of Hamiltonian Paths and Cycles in Complete Graphs	
7.	3500320	Priya Pagotra	On the Largest Integer that is not a sum of Positive nth Power	
8.	4700320	Shweta Choudhary	Branch Fixed Point and its Applications	
9.	4900320	Sunaina Devi	GCD of Sums of K Consecutive Fibonacci Lucas and Generalized Fibonacci Numbers	
10	5100320	Twinkle Bassan	Lens Sequences	
11	0400320	Akanshi Sambyal	Diagonalization of Linear Operators	Dr. Pavinder Singh
12	0500320	Akhil Kumar Gupta	El Gamal Public Key Cryptography	
13	2000320	Komal Verma	Fundamental Results of Galois Theory	
14	3400320	Priya Digra	On a Combinatorial Formula	
15	3600320	Raghav Verma	Structure of Finite Abelian Groups	
16	3800320	Ranvir Singh	Congruence Theory and Quadratic Reciprocity	
17	4100320	Ritu Thapa	Linear Systems	

	00320	Atul Kumar Rai	Distribution Function	Dr. Kamlesh Kumar
	1600320	Gourav Sharma	On a Courious Identity of Ramanujam	
20	1800321	Hiteshwar Sharma	Proof of Fermat's Little Theorem	
21	3000321	Nivea Verma	On Some Sequences Related to Sums of Powers	
22	4000320	Ravi Prakash Sharma	Function of several Variables	
23	4300320	Sandeep Kumar Sahoo	Countable Sets and transfinite Numbers	
24	5000320	Surinder Singh	Sequences and Series	
25	0800320	Bably Devi	Fundamental Theorems in Banach Spaces and Hilbert Spaces	Dr. Sanjay Kumar
26	2100320	Mamta Sharma	Singularities of Holomorphic Functions	
27	2200320	Megha Sharma	Spectral Theory	
28	3100320	Palak Sharma	Hilbert Spaces and their Applications	
29	3200320	Pankaj Sharma	Compact Linear Operators	
30	4500320	Satyaban Sahoo	Matrix and Linear Transformations	
31	5200320	Yudbeer Singh	Linear Operators	

21/7/22

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