MANGALORE UNIVERSITY
DEPARTMENT OF MATHEMATICS
Details of students' Project work: 2nd Year, IV semester - 2018-19

Name of the Supervisor		Student Name	Topic
Dr. Kishori P. Narayankar	1.	Abhilash B	Geometric arithmetic temperature index of graphs
	2.	Carol dsouza	Study on topological indices – Wiener index and Detour index
	3.	Deepashree Y	Energy of graphs
	4.	Malavika V	Color energy of a graph
	5.	Pooja K	A study on harmonic temperature index of graphs
	6.	R shanthamma	A study on Laplacian energy of graphs
	7.	Roopashree K	Some studies on Wiener index and Schultz index
	8.	Shruthi R Hegade	A study on first Zagreb temperature index of some graphs
Mr. Chandru Hegde	1.	Akshatha B	A study on verities of defensive alliances in graphs
	2.	Charishma M Chaluvadi	A study on Boolean matrix and its properties
	3.	Flavitha Molita Dsouza	Some numerical methods in linear algebra
	4.	N N Dattatreya	A study on linear groups
	5.	Prajna K	A study on numerical semigroups
	6.	Ramya	A study on domination in graphs
	7.	Sameeksha	Study on similar matrices and Frobenius normal form
	8.	Vasudha	A study on metric dimension of graphs
Mr. Mohana K.S	1.	Akanksh A Shetty	A Study on Manifolds and some of its properties
	2.	Carol Reha Lobo	A brief study on matroids
	3.	Fathimath Nousheena S M	A study on Laplacian matrix and the perturbed Laplacian matrix of a graph
	4.	Manisha	Transitive graphs and its properties
	5.	Prabhakara S	A study on Catalan numbers
	6.	R Sriraksha	A study on Hadamard matrices
	7.	Sachin Manjunath Naik	A study on Baire spaces
	8.	Sushmitha S	Groups as graphs
Dr. R. Rajendra	1.	Ankitha S	A study on filters
	2.	C Deepika Bhat	A study on artinian rings and discrete valuation rings
	3.	Deekshitha	A study on semigraphs
	4.	Deekshitha U V	A study on circulant matrices

	5.	Jayalakshmi K N	A study on adjacency and Laplacian matrices of graphs
	6.	Maithri	A study on subtrees of trees
	7.	Nirusha Shetty Ananda Shetty	A study on hyper graphs
	8.	Paulo Joseph	A study on the gcd sum function
	9.	Prathiksha	A study on semisimple non-commutative rings
	10.	Preethesh	A study on Mersenne primes
	11.	Ranjana K	A study on alternative rings
	12.	Reema Jeshma Cutinha	A study on derivation in rings
	13.	Sharada S	A study on pseudoprimes
	14.	Shonitha	A study on Harary index of graphs
	15.	Vinayaka Dattatraya Bhat	A study on zero divisor graphs of commutative rings
Mr. Bhargava K	1.	Akshatha T D Prabhu	A study on field of p-adic numbers
	2.	Cleeta D Souza	Study on space filling curves
	3.	Hemanth Kamath	SVD and QR-factorization of matrices
	4.	Nirmitha P	The knot using graph theory
	5.	Pratheek Rai N	A study on Fourier series and its applications
	6.	Ramyashree K R	A study on Hanoi graphs and Sierpinski triangles
	7.	Sannidhi K	Study on perfect graphs
	8.	Vidhya Shri	A study on Hamiltonion graphs and its applications
Mr. Dickson Selvan	1.	Bhavya R Patel	A study on hypo energetic and hyper energetic graphs
	2.	Deekshitha K V	A study on some of the distance based topological indices
	3.	Jovita Mendonca	Distance matrix and some related matrices of graphs
	4.	Nithin C	a study on randic temperature index of graphs
	5.	Prathvi	Study on Wiener index and Reverse Wiener index of graphs
	6.	Rashmi K	A study on atom-bond connectivity index of graphs
	7.	Shivarama K N	A study on Harmonic index
	8.	Yashaswini	Study on Wiener index and Hyper Wiener index of graphs