

Department of Mathematics
II M.Sc Mathematics 2020-2021
Project Titles

S.No	Register No	Name of the student		Topic
1	19MM8913	Akilandeeswari	A	A study on Fuzzy Magic Graphs
2	19MM8914	Amaleeswari	S	A study on Riemann and Lebesgue Integral
3	19MM8915	Anitha	S	A study on course time table and exam scheduling using graph Coloring approach
4	19MM8916	Arulselvi	K	A study on Graph folding
5	19MM8917	Arundhathi	T	A study on Hexagonal Fuzzy Numbers in Transportation Problem
6	19MM8918	Bangaya sritha	T	Modified method for solving linear Volterra integral equation using Simpson's rule
7	19MM8919	Dharanika	A	A study on Trapezoidal, Pentagonal, Hexagonal, Octagonal and Dodecagonal Assignment Problem
8	19MM8920	Dharshinisri	S	A study on fuzzy coloring of fuzzy graphs
9	19MM8921	Gayathri	G	A study on Fuzzy Soft Expert Set and its Application
10	19MM8922	Haritha	G	Modified variational iteration method for first and second order Ordinary Differential Equations using Chebyshev Polynomial of first kind
11	19MM8923	Iswarya	M	A study on the Numerical analysis of Riccati Differential Equation using Differential Transform Method, Adomain Decomposition Method and He – Laplace Method
12	19MM8924	Jayasri	P	A study on solution of Differential equations by Variational iteration method and Modified variational iteration method
13	19MM8925	Karthikeyani	P	A study on alpha beta fuzzy subgroups and alpha beta anti fuzzy subgroups
14	19MM8926	Kavishree	A	A Hybrid Homotopy Perturbation Method with Natural Transform to Solve Some Telegraph Equations
15	19MM8927	Keerthana	S	A study on mathematical modelling for Dengue fever
16	19MM8928	Kiruthikadevi	N	A comparative study on approximate analytical solution of advection problems
17	19MM8929	Kohila	T	A study on Degenerate Laplace and Degenerate Elzaki transforms
18	19MM8930	Malathi	R	A study on Natural transform

19	19MM8931	Manjula	M	A study on edge domination number on various graph
20	19MM8932	Nandhini	G	A study on Vertex – edge domination polynomials of graphs
21	19MM8933	Nandhini	R	A study on ranking triangular and trapezoidal fuzzy numbers by fuzzy preference and relative preference relation
22	19MM8934	Nithya	P	A study on classical integral and fractional integral with Hermite - Hadamard inequalities and Simpson's inequalities
23	19MM8935	Pavithra	K	A study on Trapezoidal and Hexagonal fuzzy transportation problem
24	19MM8936	Rahini	N	A study on k – partitioned fuzzy graph (k-PFG)
25	19MM8937	Sangamithra	R	A study on fuzzy soft sets and inverse fuzzy soft sets
26	19MM8938	Sangeetha	R	A study on labeling numbers of interval graph
27	19MM8939	Selvalakshmi	P	A study on Homotopy Perturbation method for solving multi point boundary value problems
28	19MM8940	Selvanayagam	C	A study on uniqueness and positive solution for boundary value problem of nonlinear fractional differential equation
29	19MM8941	Sowmiya	S	A study on optimal cost method for a transportation problem
30	19MM8942	Srimathi	E	A study on methods to solve assignment problem using average sum assignment method, ones assignment method and revised ones assignment method
31	19MM8943	Sujithra	P	A study on domination and domination number in graph
32	19MM8944	Thasneemfathima	K	A study on mathematical analysis of the endemic equilibrium of the transmission dynamics of tuberculosis and the effects of treatment at home on tuberculosis
33	19MM8945	Thulasimani	M	A study on Fuzzy Hypergraphs and Fuzzy Transversals of Fuzzy Hypergraphs
34	19MM8946	Uma Maheswari	S	A comparative study on solution of fuzzy linear programming problems
35	19MM8947	Visotha	V	A study on product and total domination on anti fuzzy graphs

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Sri G.V.G.Visalakshi College for Women
 Department of Mathematics (Aided)
 III B.Sc. Mathematics
 Semester V: 2020-2021
 Group Project

S.No.	Register No.	Name	Project Title
1	18BM7103	AARTHY K.	Mathematical modeling in Epidemics
2	18BM7104	ABIRAMI T.	A study on Mathematical Modelling of Diabetes Mellitus.
3	18BM7105	BHAVADHARANI S.K.	A study on Mathematical Modelling of Diabetes Mellitus.
4	18BM7106	DEVI PRIYA D.	A study on Mathematical Modelling of Diabetes Mellitus.
5	18BM7107	DHANALAKSHMI K.S.	A study on curves with its application in growth of children
6	18BM7108	DHIVYASREE S.	A study on the Mathematics of GPS receivers
7	18BM7109	DIVYA MAGESH M.	Population Modelling by Differential equations
8	18BM7110	GAYATHRI K.	A new numerical method of total solar eclipse photography processing
9	18BM7111	GEETHA C.	Mathematical modeling in Epidemics
10	18BM7112	GUNABRINDHA K.	A study on Fuzzy clustering in Medical Diagnosis
11	18BM7113	HARINI S.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method
12	18BM7114	HARISMITA G.S.	A study on Fuzzy clustering in Medical Diagnosis
13	18BM7115	HARITHA S.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method
14	18BM7116	HEMALATHA B.	A study on curves with its application in growth of children
15	18BM7117	JEEVITHA S.	A study on Fuzzy clustering in Medical Diagnosis
16	18BM7118	KALAI SELVI K.	Some Mathematical models for the growth of tumour cells and their treatment
17	18BM7119	KALAISELVI N.	A study on the Mathematics of GPS receivers
18	18BM7121	KALAIYARASI K.	Some Mathematical models for the growth of tumour cells and their treatment
19	18BM7122	KARPAGAM M.	A study on the Mathematics of GPS receivers

20	18BM7123	KARTHIKA V.	A study on curves with its application in growth of children
21	18BM7124	KARUNIKA A.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method
22	18BM7125	KASTHURI S.	A new numerical method of total solar eclipse photography processing
23	18BM7126	KAVINMATHI S.	A study on the Mathematics of GPs receivers
24	18BM7127	KAVIYA J.	Mathematical modeling in Epidemics
25	18BM7128	KAYALVIZHI M.	A study on Mathematical Modelling of Diabetes Mellitus.
26	18BM7129	KEERTHANA K.	Population Modelling by Differential equations
27	18BM7130	KIRUTHIKA C.	A study on Fuzzy clustering in Medical Diagnosis
28	18BM7131	KOUSALYA K.	Population Modelling by Differential equations
29	18BM7132	KOWSALYA G.	Some Mathematical models for the growth of tumour cells and their treatment
30	18BM7133	KOWSALYA K.	A study on Mathematical Modelling of Diabetes Mellitus.
31	18BM7134	MANGAYARKARASI D.	A new numerical method of total solar eclipse photography processing
32	18BM7135	MANO CHITRA K.	Some Mathematical models for the growth of tumour cells and their treatment
33	18BM7136	MARUTHA SARANITHA S.	Population Modelling by Differential equations
34	18BM7137	MITHRA SRI R.	Some Mathematical models for the growth of tumour cells and their treatment
35	18BM7139	NITHARSHANA N.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method
36	18BM7140	NITHYA N.	Mathematical modeling in Epidemics
37	18BM7141	NIVEDHA A.	Population Modelling by Differential equations
38	18BM7142	PAVITHRA A.	A new numerical method of total solar eclipse photography processing
39	18BM7143	POORNIMA M.	A study on Fuzzy clustering in Medical Diagnosis
40	18BM7144	PRIYADHARSHINI K.	Population Modelling by Differential equations
41	18BM7145	PRIYADHARSHINI K.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method

42	18BM7146	PRIYADHARSHINI R.	Mathematical modeling in Epidemics
43	18BM7147	RENUKA G.	A study on Mathematical Modelling of Diabetes Mellitus.
44	18BM7148	SABARIKA M.	A study on curves with its application in growth of children
45	18BM7150	SAI KHERTHANA C.S.	A new numerical method of total solar eclipse photography processing
46	18BM7151	SANTHIYA A.	Some Mathematical models for the growth of tumour cells and their treatment
47	18BM7152	SARANYA N.	Population Modelling by Differential equations
48	18BM7153	SATHYA PRIYA P.	A study on curves with its application in growth of children
49	18BM7154	SHARMILA PARVEEN A.	A new numerical method of total solar eclipse photography processing
50	18BM7155	SHEEBA M.	Mathematical modeling in Epidemics
51	18BM7156	SOWMIYA M.	A study on curves with its application in growth of children
52	18BM7157	SUDHAMANI R.	A study on Mathematical Modelling of Diabetes Mellitus.
53	18BM7158	SUSMITHA J.	A study on Fuzzy critical path method with hexagonal and generalized hexagonal Fuzzy numbers using ranking method
54	18BM7159	THAARANI M.	A study on curves with its application in growth of children
55	18BM7160	VAISHNAVI T.	A study on Fuzzy clustering in Medical Diagnosis

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