

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2018-2019

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
1	An Application of Fuzzy Soft Matrix in medical Diagnosis	M. Lavanya (M.Phil. Maths)	International Journal of Applied Engineering Research	ISSN 0973-4562	Jan 2018-2019	https://www.ripublication.com/ijaerspl2019/ijaerv14n3spl_09.pdf
2	An Application of Rough matrix in Decision making	R. Radhamani (M.Phil. Maths)	International Journal of Applied Engineering Research	ISSN 0973-4562	Jan 2018-2019	https://www.ripublication.com/ijaerspl2019/ijaerv14n3spl_15.pdf
3	Intuitionistic Fuzzy Soft Matrix Theory and its Applcation in Medical Diagnosis.	M. Lavanya (M.Phil. Maths)	International Journal of Management, IT & Engineering	ISSN.2249-0558	Feb 2018-2019	https://www.ijmra.us/project%20doc/2019/IJMIE_JANUARY2019/Special%20Issue%20HICAAMMC2019.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2019-2020

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
1	Multiple Attribute Group Decision Making Methods Using Intuitionistic Triangular Fuzzy Sets	Jenifer Rose (M.Phil Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	Feb 2019-2020	https://drive.google.com/file/d/1zgYdgZe4EglxhNhaqliKlf9hBkOj3f53/view
2	Prime Labeling of Union of Cycle Graphs	L.Arungalai Anbarasi (M.Phil Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	Feb 2019-2020	https://drive.google.com/file/d/1QEM_utGreCZMCypyTcNha2cg-1gV_AU/view
3	Coefficient Estimates And The Fekete-Szego Problem For Certain Classes Of Convex Function Of Order $\alpha/2$	D.Gayathri (II M.Sc Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	Feb 2019-2020	https://drive.google.com/file/d/1nl7uY5yTQeE52Pe-ITJFVvD-ilosAlb/view
4	The Fekete-Szego Inequality For Certain Analytic Functions Of Starlike Function Of Order $\alpha/2$	D.Gomathy (II M.Sc, Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	Feb 2019-2020	https://drive.google.com/file/d/1HKnTXphlufFVPlmcadv_Quk-8VdllJMq/view

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2019-2020

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
5	Applying Metric Distance Ranking Technique in Fuzzy Critical Path Analysis	R.Shruti (II M.Sc Maths)	Science, Technology and Development,UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	Feb 2019-2020	https://drive.google.com/file/d/1YYIOzhkoqGGjhUbb-yFdJ9wLDYqoXj16/view
6	Solving the Triangular Fuzzy Numbers Using Vam in Mam Method with Ranking and Solving the Trapezoidal Fuzzy Numbers using Vam Method	B.Keerthika (M.Sc Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	March 2019-2020	https://drive.google.com/file/d/1ICVXfOuacjCC68in4N9cz4voFsqBH7C3/view
7	Minimum Dominating Set Using Adjacent Matrix	N.Gayathri (M.Phil Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	March 2019-2020	https://drive.google.com/file/d/1WlqoQLxQjgbsSLRV3UjYe_ua_wmTZooT/view
8	Analysis Of Fuzzy Critical Path Using Metric Distance Ranking Technique	N.Sree Gowri (M.Phil Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	March 2019-2020	https://drive.google.com/file/d/1YYIOzhkoqGGjhUbb-yFdJ9wLDYqoXj16/view?usp=share_link

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2019-2020

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
9	Solving Transportation Problem through Origin-Min-Min Method	J.Sarumathi (M.Sc, Maths)	(II Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	March 2020-2021	https://drive.google.com/file/d/1f8GrrNmFfHLpxpNeg6i3TtCDgPsYgUbF/view
10	Analysis Of Fuzzy Critical Path Using Metric Distance Ranking Technique	N.Sree Gowri (M.Sc Maths)	(II Science, Technology and Development, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	March 2019-2020	https://drive.google.com/file/d/1YYIOzhkoqGGjhUbb-yFdJ9wLDYqoXj16/view?usp=share_link
11	Super Edge Bi-Magic Labeling Of New Constructions Of Trees From Path And Star	M.Shalini (M.Phil. Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	April 2019-2020	https://drive.google.com/file/d/1zD8zYh_uzHTMvTB6cYHO7KPFu-KIm-M/view
12	Graph Strucuture through Spanning Tree in Pert	M.Lavanya (M.Phil Maths)	Science, Technology and Development Journal, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	May 2019-2020	https://drive.google.com/file/d/1pDtLptKmWL4WBP6DyblP6CumLbniJ6DG/view

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2019-2020

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
13	Neural Network for Heptagonal Fuzzy Number	S.Keerthana (II M.Sc Maths)	Science, Technology and Development,UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	May 2019-2020	https://drive.google.com/file/d/1Ap1dV6CkLqSHTjG5oVBkCZCQKDfiaPwE/view
14	Neural Network for Heptagonal Fuzzy Number	R.Narmadha (II M.Sc Maths)	Science, Technology and Development,UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	May 2019-2020	https://drive.google.com/file/d/1Ap1dV6CkLqSHTjG5oVBkCZCQKDfiaPwE/view

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
1	Feed Forwarded Neural Network for Octagonal Fuzzy Number	S.Keerthana (II M.Sc Maths)	Science, Technology and Development, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	June 2020-2021	https://drive.google.com/file/d/1T2EIYjHrfl8otYjtvHt2LdDgtsfZqcHR/view
2	Feed Forwarded Neural Network for Octagonal Fuzzy Number	R.Narmadha (II M.Sc Maths)	Science, Technology and Development, UGC CARE STD Journal, volume IX, Issue XII, Dec 2020	ISSN:0950-0707	June 2020-2021	https://drive.google.com/file/d/1T2EIYjHrfl8otYjtvHt2LdDgtsfZqcHR/view
3	A Score Function Of Hexagonal Neutrosophic Number And Its Application In Networking Problem	R.M.Gayathri (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?journalId=101023345&flag=Search
4	Supermagic Labeling Of Complete Bipartite Graphs	M.Nandhini (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?journalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author		Name of the Journal	ISBN/ISSN	Year of Publication	URL
5	Numerical Double Integration Of Trapezoidal and Simpson's Rule For Unequal Data Spaces	R.Sowndarya M.Sc Maths)	(II	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
6	On Direct Sum Of Four Intuitionistic Fuzzy Graphs	S.Keerthana M.Sc Maths)	(II	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
7	Solution Of Linear Volterra Integral Equation For Both First And Second Kind Using Laplace Transform	S.Swathi M.Sc Maths)	(II	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
8	Application Of Graph Theory In Real Life	A.Kavya M.Sc Maths)	(II	Wesleyan Journal of Research	ISSN : 0975-1386	Feb 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
9	Multiple Attribute Group Decision Making Methods Using Trapezoidal Fuzzy Numbers	Jenifer Rose (M.Phil Maths)	International Journal of Future Generation Communication	ISSN: 2233-7857	March 2020-2021	http://serisc.org/journals/index.php/IJFGCN/article/view/36272/20032
10	Implementation Of A Damped Mass Spring System With Matlab	G.Hemalatha (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
11	Application of Numerical Methods Using java Program	Lavanya.E (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
12	Application of Runge-kutta 4th Order Method in C Program	Deepalakshmi.J (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
13	Application Of Queuing Theory In Bank Service	S.Rajakumari (II M.Sc Maths)	Wesleyan Journal of Research	ISSN : 0975-1386	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
14	A Study On Comparison Of Assignment Problem With Enuemeration Method	K.Anushya (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
15	Solving Transportation Problem through Origin-Max-Min Method	K.Dharani (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
16	Application Of Russell's Approximation Method under Pentagonal Neutrosophic Environment	J.Arthi (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
17	Fibonacci Sequence in Golden Ratio and its Application	Maria Ioyola Insika (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
18	A New Approach to Find a Feasible Solution	S.Piriyadharshini (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
19	A Study on Comparison of Interpolation with a Proposed Model	R.Sara (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
20	Topsis Method Based on Entropy Weight Approaches for Prices or Cost , Storage, Looks, And Cameras in Mobiles	S.Dhatchayani (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
21	A Study on Solving Fuzzy Critical Path Method using Nonagonal Fuzzy Numbers	S.Sharmila (M.Sc Maths)	(II Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
22	Coloring of Triple Layered Fuzzy Graph using Alpha - Cut	M.Sathya (M.Sc Maths)	(II Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
23	Solving Fuzzy Game of Order 4×4 Using Pascal Triangular Gradedmean Techniques	S.Aruna (M.Sc Maths)	(II Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
24	A Study on Chebyshev Polynomial Using Trigonometric Identities	S.Janani (M.Sc Maths)	(II Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
25	Fekete Szego using Quasi Subordination	K.Suguna (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
26	A Study on Transportation Problem using C Language	V.Pavithra (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
27	A Study on Lucky Edge Labeling of Various Graphs	S.Sharmila (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
28	A Study on Job Sequencing Problem Using C Programming	R.Ragavi (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
29	Coloring of Strong Intuitionistic Fuzzy Petersen Graph with Total Coloring	K.Sivasankari (II M.Sc Maths)	Utkal Historical Research Journal	ISSN:0976-2132	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023345&flag=Search
30	A Study On Solving Fuzzy Transportation Problem Using Pascal's Triangular Graded Mean	S.Harini (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	March 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search
31	Fekete-Szego Inequality For Analytic Functions Using A Starlike Functions Associated With Sine Function	A.Hajira Banu (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search
32	Fekete-Szego inequality For Certain Classes of Analytic Functions Subordinate to Exponential Function	S.Senthamizh Meera (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2020-2021

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
33	To Determine the Shorest Path from the Google Map using Graph Theory.	B.Mistika Flami (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search
34	Fekete-Szeg" Problem for Certain Class of Analytic Functions Subordinate to Chebyshev Polynomials	M.Mounika (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search
35	Fekete-Szego Inequality for a Subclass of analytic Functions Associated with Exponential Function	V.Rajapriya (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search
36	Initial Bounds for Certain Classes of Univalent Functions Bounded By Chebyshev Polynomials	V.Subasri (II M.Sc Maths)	Journal of the Maharaja Sayajirao	ISSN:0025-0422	April 2020-2021	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000039&flag=Search

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
1	Analysis in Algorithms of Spanning Tree to Reduce the Distance Between the Cable	R. Keerthika (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
2	Analysis in Algorithms of Spanning Tree to Reduce the Distance Between the Cable	K. Pavithra (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
3	Analysis in Algorithms of Spanning Tree to Reduce the Distance Between the Cable	S. Pooja (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
4	Analysis in Algorithms of Spanning Tree to Reduce the Distance Between the Cable	K. Priya (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
5	Two Modulo Four Sum Graphs	M. Iswarya (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
6	Two Modulo Four Sum Graphs	R. Kavinila (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
7	Two Modulo Four Sum Graphs	P. Dharani (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
8	Two Modulo Four Sum Graphs	K. Jayasri (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
9	Some Parameters of Fuzzy Labelling Tree using Matching and Matching Bridge	S.Vaishnavi (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
10	Some Parameters of Fuzzy Labelling Tree using Matching and Matching Bridge	K. Sumithra (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
11	Some Parameters of Fuzzy Labelling Tree using Matching and Matching Bridge	G. Bakkialakshmi (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
12	Some Parameters of Fuzzy Labelling Tree using Matching and Matching Bridge	S. Vaishnavi (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
13	Sixth and Seventh Higher Order Triangular Graceful Labeling of Graphs	R.Priyadarshini (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
14	Sixth and Seventh Higher Order Triangular Graceful Labeling of Graphs	R.Rajeswari (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
15	Sixth and Seventh Higher Order Triangular Graceful Labeling of Graphs	E.Sowmiya (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf
16	Sixth and Seventh Higher Order Triangular Graceful Labeling of Graphs	A.Subhiksha (III B.Sc Mathematics)	Vidyabharati International Interdisciplinary Research Journal (Special Issue),	ISSN 2319-4979	Oct 2021-2022	https://www.viirj.org/specialissues/2021/SP2108/Part%2015.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
17	Algorithm For Encryption And Decryption In C++ Using Planar Graph	ABARNA D (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_107.pdf
18	Solving Multi-Objective Linear Programming Problems By Statistical Averaging And New Statistical Averaging Method	AFRIN U (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_131.pdf
19	Solving Linear Non Homogeneous Differential Equations By Applying Matrix Differential Operator	AISHWARYA A (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_89.pdf
20	Octagonal Neutrosophic Number And Their Application In Transportation Problem Environment Using Russell's Approximation Method	ARTHI D (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_106.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
21	Wlm Cryptocurrency Using Binomial And Poisson Distribution In Python	DHIVYA M (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_92.pdf
22	Fuzzy Assignment Problem	HEMALATHA G (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_171.pdf
23	Trace Of Positive Integer Power Of Adjacency Matrix Of Third Order	JANANY B (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_111.pdf
24	Three-Dimensional Schrodinger Equation And Its Application	JAYAHARINI S D (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_108.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
25	Cordial Labeling And Edge Cordial Labeling For Sixteen Sprocket Graph	JENIFER PRINCY P (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_96.pdf
26	Solving Nonlinear Volterra-Fredholm Integro-Differential Equations Using Modified Laplace Decomposition Method	KAMALI S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_177.pdf
27	Solving Pythagorean Transportation Problem Using Arithmetic Mean And Harmonic Mean.	KANMANI G (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_105.pdf
28	Application Of Assignment Problem In Triangular Fuzzy Number	KAVINELAVHU V (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_136.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
29	Vertex Coloring Of Double Layered Complete Fuzzy Graph Using Alpha-Cut	KEERTHIGA B (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_109.pdf
30	On Direct Sum Of Five Intuitionistic Fuzzy Graphs	KIRUBASRI R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_95.pdf
31	Fekete Szegő Inequality For New Subclass Of Holomorphic Mapping Associated With Lemniscate Of Bernoulli	LAKSHANYAA G V (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_72.pdf
32	Vertex Even Mean Labeling Of Some Graphs With Pendant Edges	MANIMEGALAI B (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_90.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
33	Solving Gauss Elimination Method Using Trapezoidal Fuzzy Matrices And Some Properties Of Triangular Trapezoidal Fuzzy Matrices	MARY FLORA I (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRI_L_130.pdf
34	Coefficient Bounds For Certain Subclasses Of Analytic And Bi-Univalent Functions	MEGAPRIYA A (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRI_L_113.pdf
35	Representation Of Groups As Graphs	MIRIAM DAFFODIL J (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRI_L_134.pdf
36	Solving Transportation Problem By Monalisha Approximation Method Using Dodecagonal Fuzzy Number	MYTHILI L(II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRI_L_94.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
37	Method For Solving Assignment Problem In Hexagonal Fuzzy Number	NITHIYA G (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_91.pdf
38	Third Hankel Determinant For A Subclass Of Analytic Function Related To Modified Nephroid Domain	POONGOTHAI S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_73.pdf
39	An Seir Model For Isolated Covid-19 Patients And The Epidemic Is Constructed – Using The Delay Differential Equation	PRABHAVATHY S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_178.pdf
40	Adams Bashforth Corrector Predictor Method Using Matlab	PRATHIBA K (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.com/resources/APRIL_93.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
41	Applied Mathematical Optimization Technique On Menu Scheduling For Covid-19 Patients Using Matlab Program	PRIYA S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_104.pdf
42	Hypercubes Of Fq5, Fq6 And Their Fault Tolerance	PRIYADHARSHINI R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_97.pdf
43	Numerical Solution Of System Of Ordinary Differential Equations Using Runge- Kutta Method	RABIYABE G (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_175.pdf
44	Fuzzy Soft Matrix In Medical Application	RAJULA M D (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_135.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
45	Solving Russell's Approximation Method Using Best Candidate Method	RAMESHA R D (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_133.pdf
46	Solving Fuzzy Transportation Problem Using Trapezoidal Fuzzy Number	RAVEENA R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_137.pdf
47	The Fekete Szego Inequality For New Subclass Of Bi-Univalent Function	RUPA DEVI R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_74.pdf
48	Fekete Szego Problem For Logarithmic Coefficients Of Certain Analytic Function.	SANGEETHA ARASI R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_75.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
49	Fuzzy Game Problem Using Octagonal Fuzzy Numbers	SARASWATHI P (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_102.pdf
50	The Fekete-Szego Problem And Coefficient Estimates Related With Sine Function	SHAHIRA BANU A (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_132.pdf
51	Construction Project Planning And Analysis Of Time Acceleration Using Precedence Diagram Method (Pdm)	SIVASANKARI R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_103.pdf
52	Solving Differential Equation In Java Program	SOUNDARYA R (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_110.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
53	Solving Second Order Differential Equation And Comparison Between Laplace, Elzaki And Mahgoub Transforms	SUBA V (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_179.pdf
54	Decagonal Fuzzy Numbers In Solving Assignment Problem By Hungarian Method	SUBALAKSHMI V (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_100.pdf
55	Solution Of Linear Fredholm Integral Equation With Taylor Series Expansion Using Matlab	TINNU PRIYA S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_99.pdf
56	Some Special Graceful Labeling Results Of Hexagonal Pyramidal Graceful Graphs	UMAMAHESWARI S (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_98.pdf

PG & RESEARCH DEPARTMENT OF MATHEMATICS
Students Publication Details
Year 2021-2022

S . No	Title of the Paper	Author	Name of the Journal	ISBN/ISSN	Year of Publication	URL
57	Initial Bounds For Certain Subclasses Of Bi-Univalent Function Associated With The Horadam Polynomial	VENNILA P (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_76.pdf
58	Structural Equivalence Between Electrical Circuits Via Neutrosophic Nano Topology Induced By Digraphs In Graph Theory	VIJETHA P (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_112.pdf
59	Solving Simultaneous Linear Differential Equations Using Fourier Transformation.	VIMALDA MARY F (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_180.pdf
60	Solving Transportation Model Based On Mean Deviation	PRIYADHARSHINI M (II M. SC MATHEMATICS)	International Journal of Mechanical Engineering	ISSN: 0974-5823	April 2021-2022	https://kalaharijournal.s.com/resources/APRIL_172.pdf