Theivanai Ammal College for Women (Autonomous)
(Permanently Affiliated to the Thiruvalluvar University – Vellore)
(Accredited by NAAC (3rd Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)
DST FIST Sponsored College under 'College as a whole' Scheme
Villupuram – 605401, Tamilnadu.

Student Research Publications in National and International Journals

(2017-2021)

S.No	Title of the paper	Name of the author	Title of the Journal	Year of publication
1.	A Steganographic Technique using Reverse - S Space Filling Curve	R. Preethi (M.Phil., Maths)	International journal of for Research in Applied Science, Engineering and Teechnology	2017
2.	An Arithmetic Technique for Non - Abelian Group Cryptosystem	S. Iswariya (M.Phil., Maths)	International Journal Of Computer Application	2017
3.	Digital Signature Authentication using Artificial Neural Network	R. Preethi (M.Phil., Maths)	International Journal Of Advanced Research in Basic Engineering Science and Technology	2017
4.	Segments and Irregularity in Space Filling Curve	R. Preethi (M.Phil., Maths)	Proceedings of the National Conference on Research Development in Science Engineering and Technology	2017
5.	Hash Function Authentication using ANN	R. Preethi (M.Phil., Maths)	Proceedings of the National Conference on Research Development in Science Engineering and Technology	2017
6.	A Survey Report on Non-Abelian Group Cryptography	S. Iswariya (M.Phil., Maths)	Proceedings of the National Conference on Research Development in Science Engineering and Technology	2017
7.	Optimization using ABC Algorithm	R. Subashini (M.Phil., Maths)	Proceedings of the National Conference on Research Development in Science Engineering and Technology	2017
8.	Disintegration of Human Bonds in Martha Southgate's The Taste of Salt	P.Amala (M.Phil., English)	Online Journal, Languages in India ISSN 1930-2940	2017
9.	Scattered Lives: An Analysis in Martha Southgate's Third Girl from the Left	P.Amala (M.Phil., English)	Emerald Publishers ISBN 978-81-7966-470-4	2017

10.	Poverty in Vikas Swarup's Q & A	S.Gunela (M.Phil., English)	Emerald Publishers ISBN 978-81-7966-470-4	2017
11.	Social Violence in Cormac McCarthy's The Road	S.Kalitha Begum (M.Phil., English)	Emerald Publishers ISBN 978-81-7966-470-4	2017
12.	Gender Studies in Cormac McCarthy's The Road	S.Kalitha Begum (M.Phil., English)	Online Journal, Languages in India ISSN 1930-2940	2017
13.	Broken Relationship in Alice Walker's The Way Forward is With a Broken Heart	N.Saranya (M.Phil English)	Emerald Publishers ISBN 978-81-7966-470-4	2017
14.	Detecting Gray Hole and Black Hole Attacks using Idea Cryptography	Radhika S (CS)	International Journal for Research and Development in Technology	2017
15.	High Utility Itemsets Mining using Aprioity CH And Closed High Utility Itemset Discovery	Kalaiselvi R (CS)	International Journal of Contemporary Research in Computer Science and Technology	2017
16.	Cultural Subalternity in Bharati Mukherjee's The Desirable Daughters	C.V.Semmalar (M.Phil., English)	Online Journal, Languages in India ISSN 1930-2940	2018
17.	Degradation through Slavery in Dolen Perkins-Valdez's Wench	N.Suganthi (M.Phil., English)	Emerald Publishers ISBN 978-81-7966-470-4	2018
18.	Emotional Lives of Slave women in Dolen Perkins-Valdez's Wench	N.Suganthi (M.Phil., English)	Emerald Publishers ISBN 978-81-7966-470-4	2018
19.	Gender Discrimination in Lorna Landvik's Angry Housewives Eating Bon Bons	M.Suganya (M.Phil., English)	Online Journal, Languages in India ISSN 1930-2940	2018
20.	Feminim in Lorna Landvik's Angry Housewives Eating Bon Bons	M.Suganya (M.Phil., English)	Online Journal, Languages in India ISSN 1930-2940	2018
21.	Parallel and Nearest Neighbour Search for High-Dimensional Index Structure of Content Based Data Using DVA Tree	Rosiya Susai Mary A (M.Phil., C.S)	International Journal of Engineering and Science Invention (UGC Approved), ISSN 2319-6734.	2018
22.	Enhanced Web Page Recommendation System Using Associative Rule Mining and Clustering Mode	Roseline Immaculate A (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018

23.	Personalized Searching Techniques Using Automatic Facet Selection Algorithm	Saranya R (M.Phil., C.S)	International Journal of Engineering and Science Invention (UGC Approved), ISSN 2319-6734.	2018
24.	Enhancing Rating Prediction Accuracy By Exploring User Sentiments	Yogopriya K (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018
25.	Spectral Clustering Based Classification Algorithm for Text Classification	Suganthi R (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018
26.	A Review on Brain Tumor Detection using Immune system with Imaging techniques	Shanmuga Priya S (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018
27.	Topic Detection on Social Media Posts	Sandhiya R (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018
28.	Enhanced Topic Re-Hotting Prediction Model using Key Term Graph Construction in OSN	Anandajothi N (M.Phil., C.S)	International Journal of Scientific Research and Review	2018
29.	Personalized Searching Technique using Automatic Facet selection Algorithm	Sandhiya R (M.Phil., C.S)	International Journal of Engineering Science Invention	2018
30.	Measuring User Reputation on Twitter using Page Ranking Algorithm	Abirami N (M.Phil., C.S)	International Journal of Engineering &Science Invention, (UGC Approved), ISSN 2319-6734.	2018
31.	An Application of Fuzzy Soft Matrix in medical Diagnosis	M. Lavanya (M.Phil., Maths)	International Journal of Applied Engineering Research ISSN: 0973 – 4562, Vol:14, No:03	2018
32.	Intuitionistic Fuzzy Soft Matrix Theory and its Applcation in Medical Diagnosis	M. Lavanya (M.Phil., Maths)	International Journal of Applied Engineering Research ISSN: 0973 – 4562, Vol:14, No:03	2019
33.	An Application of Rough matrix in Decision making	R. Radhamani (M.Phil., Maths)	International Journal of Applied Engineering Research ISSN: 0973 – 4562, Vol:14, No:03	2019

34.	An Application of Rough Matrix in Gully Cricket	R. Radhamani (M.Phil., Maths)	International Journal of Applied Engineering Research ISSN: 0973 – 4562, Vol:14, No:03	2019
35.	A Secure Access Control Mechanism for Privacy Preservation in Cloud Environment	Ramya S (M.Phil., C.S)	International Journal of Scientific Research and Review	2019
36.	Mining Human Activity Patterns from Smart Home Big Data for HealthCare Applications using Mahout	Sivaranjani B (M.Phil., C.S)	International Journal of Advanced Research in Computer Science and Enginneering Techology	2019
37.	Glycine Max Seed Mediated Synthesis and Characterization of Zinc Oxide Nanoparticles and its Antifungal Activity Against Pathogenic Fungal Strains	Ms. J. Surya (M.Phil., Biochemistry)	Indian Journal of Public Health Research & Development ISSN:0976-0245E-ISSN:0976-5506	2019
38.	Glycine Max Seed Mediated Synthesis and Characterization of Zinc Oxide Nanoparticles and its Antifungal Activity Against Pathogenic Fungal Strains	Ms. Nasrin (II M.Sc., Biochemistry)	Indian Journal of Public Health Research & Development ISSN:0976-0245E-ISSN:0976-5506	2019
39.	Post-Apocalyptic traumas in Hugh Howey's sand	S. Jamruth Beevi (M.Phil., English)	Science, Technology and Development Journal ISSN: 0950-0707	2020
40.	Excitations of solitary waves along the alphahelical protein molecules	A. Thirumagal (II M.Sc., Physics)	The International Journal of Analytical and Experimental Model Analysis	2020
41.	A Reinforced secure multi keyword search in Cloud Computing	Absana J (M.Phil., C.S)	Science, Technology and Development (Ugc Care Approved Group-Ii Multidisciplinary Journal)	2020
42.	A Survey on Data sharing Mechanism of Cloud Storage in Big Data	Sandhiya K (M.Phil., C.S)	International Journal of Research in Engineering ,Science and Management	2020
43.	A Distributed data securing model to mitigate security risks in cloud computing	Sandhiya K (M.Phil., C.S)	Science, Technology and Development (Ugc Care Approved Group-Ii Multidisciplinary Journal)	2020

44.	Solving the triangular fuzzy numbers using vam in mam method with ranking and solving the trapezoidal fuzzy numbers using vam method	B.Keerthika (M.Phil., Maths)	Science, Technology and Development Journal	2020
45.	Multiple Attribute Group Decision Making Methods using Intuitionistic triangular fuzzy sets	Jenifer Rose (M.Phil., Maths)	Science, Technology and Development Journal	2020
46.	Super Edge Bi-Magic Labeling Of New Constructions Of trees from path and star	M.Shalini (M.Phil., Maths)	Science, Technology and Development Journal	2020
47.	Minimum Dominating Set Using Adjacent Matrix	N.Gayathri (M.Phil., Maths)	Science, Technology and Development Journal	2020
48.	Graph strucuture through sapnning tree in pert	M.Lavanya (M.Phil., Maths)	Science, Technology and Development Journal	2020
49.	Analysis Of Fuzzy Critical Path Using Metric Distance Ranking Technique	N.SREE GOWRI (M.Phil., Maths)	Science, Technology and Development Journal	2020
50.	Green Synthesis of Silver Nanoparticles Mediated by Citrus maxima (White and Pink) Fruit Extract: A Comparative comprehension	Ms. J. Surya (M.Phil., Biochemistry)	International Journal of Research and Analytical Reviews	2021
51.	Green Synthesis of Zno Nanoparticles Using Nephelium Lappaceum Extract and its Antiseptic Property	Ms. Hema (M.Phil., Biochemistry)	International Journal of Research and Analytical Reviews	2021