



IDHAYA COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM

Accredited with A+ Grade by NAAC 1st Cycle

DEPARTMENT OF INFORMATION TECHNOLOGY

STAFF PUBLICATION PARTICULARS

S.NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN/ ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMICYEAR2025-2026							
Nil							
ACADEMICYEAR2024-2025							
1	Dr. A. Mary Subashini	Automated Detection and Classification of Diabetic Retinopathy using Machine Learning and Ensemble Techniques	Journal of Information Systems Engineering and Management	2468-4376	2025	Scopus Indexed	https://jisem-journal.com/index.php/journal/article/view/1941
2	Dr. M.A. Shanti	Optimizing predictive accuracy: A comparative study of feature selection strategies in the healthcare domain	The Scientific Temper	0976-8653	2024	The Scientific Temper (2024) Vol. 15 (spl): 217-229	https://scientifictemper.com/
3	Dr. M.A. Shanti	Enhancing the Feature Selection Approach with the Optimizations for the Healthcare Domain	Indian Journal of Natural Sciences	0976 – 0997	2024	Indian Journal of Natural Sciences Vol.15 / Issue 86 / Oct / 2024	http://www.tnsroindia.org.in/

4	Dr. M.A. Shanti	Optimal Feature Subset Selection Method for Improving Classification Accuracy of Medical Datasets	Indian Journal of Natural Sciences	0976 – 0997	2024	Indian Journal of Natural Sciences Vol.15 / Issue 87 / Dec / 2024	http://www.tnsrindia.org.in/
ACADEMIC YEAR(2023–2024)							
6	Dr. M.A. Shanti	An MQTT based Improved Authentication Algorithm for Intelligent Transport System	Journal of Technology	1012-3407	2023	Scopus and UGC Approved	https://technologyjournal.net/
ACADEMIC YEAR (2022–2023)							
NIL							
ACADEMIC YEAR (2022–2023)							
NIL							
ACADEMIC YEAR (2021–2022)							
NIL							
ACADEMIC YEAR(2020–2021)							
NIL							
ACADEMIC YEAR(2019–2020)							
1	Mrs. M.A. Shanti	Distance-Based Detection and Prediction of Outliers in Web Mining Servers	Our Heritage	0474-9030	2020	UGC Approved	https://archives.ourheritagejournal.com/index.php/oh/issue/view/39 username: oh18/ password: oh18@journal
2	Ms. G. Elakkiya	User Access Guard Tactic and Mesh Record Search based on Association Rule Algorithm	Our Heritage	0474-9030	2020	UGC Approved	https://archives.ourheritagejournal.com/index.php/oh/issue/view/39

3	Ms. G. Akilamadhuadhani	Multi path Routing in Wireless Networks to Progress throughput with Congestion Control	Our Heritage	0474-9030	2020	UGC Approved	https://archives.ourheritagejournal.com/index.php/oh/issue/view/39
ACADEMIC YEAR(2018-2019)							
1	Mrs. M.A. Shanti	Earthquake Prediction using SVM based Time Predictable Technique.	International Journal of Computer Sciences and Engineering(IJCSE)	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/spl_public_paper/5-IJCSE-ICEITCS-19.pdf
2	Mrs. P. Anusha	A Survey on Security Threats in Cloud Computing	International Journal of Computer Sciences and Engineering(IJCSE)	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/spl_public_paper/35-IJCSE-ICEITCS-19.pdf
ACADEMIC YEAR(2017-2018)							
1	Mrs. M.A. Shanti	Wartortle - A Data Mining and Knowledge Discovery Suite for Data Analysis and Reporting	International Journal of Applied Engineering Research (IJAER)	0973-4562	2018	UGC Approved	https://www.rippublication.com/ijaer18/ijaerv13n1077.pdf
2	Mrs. M.A. Shanti	An Effect of Data Mining Techniques in Public Healthcare-A Case Study	International Journal of Civil Engineering and Technology (IJCIET)	2120-0203	2018	UGC Approved Scopus Journal	http://www.iaeme.com/MasterAdmin/Journal_uploads/IJCIET/VOLUME_9_ISSUE_9/IJCIE_T_09_09_014.pdf
3	Mrs. P. Anusha	Secret image sharing in cloud Environment	Journal of applied science and computations	1076-5131	2018	UGC Approved	http://www.j-asc.com/gallery/132-october-1121.pdf
ACADEMIC YEAR(2016-2017)							
1	Mrs. M.A. Shanti	Knowledge Data Map - A Framework for the field	International Journal of	0976-6367	2017	UGC Approved	https://www.iaeme.com

		of Data Mining and Knowledge Discovery.(IJCET)	Computer Engineering& Technology (IJCET)				/MasterAdmin/uploadfolder/IJCET 08 05 08 /IJCET 08 05 00 8.pdf
ACADEMICYEAR(2015–2016)							
1	Mrs. M.A. Shanti	Efficient Algorithms for Mining of High Utility Itemsets	International Journal of Scientific & Engineering Research (IJSER)	2229-5518	2016	UGC Approved	https://www.ijser.org/researchpaper/EFFICIENT-ALGORITHMS-FOR-MINING-OF-HIGH-UTILITY-ITEMSETS.pdf

BOOK PUBLICATIONS

S.NO.	AUTHOR	TITLE	PUBLISHER	ISBN	YEAR
ACADEMICYEAR(2025–2026)					
1	Dr. M.A. Shanti	Data Mining	Blupen International Publisher	978-93-6940-707-1	2025

SEMINARS/CONFERENCES/WORKSHOPS/FDP'S

S.NO.	DATE	NAME OF THE STAFF	FDP	VENUE
ACADEMICYEAR(2025–2026)				
1	30.06.2025	Dr. M.A. Shanti	One week Faculty Development Programme on "Recent Advancements in	Dept. of Electronics and Communication Engineering, St. Joseph's College of Engineering
	- 04.07.2025	Mrs. K. Vigneshwari		

		Mrs. S. Sumathi	Artificial Intelligence (AI) & ML	in association with STEP – National Institute of Technology, Surathkal and Pantech e Learning.
2	10.11.2025 - 14.11.2025	Dr. M.A. Shanti Mrs. S. Sumathi	5 Days Faculty Development Programme on Salesforce Administrator	Idhaya College for Women, Kumbakonam and ICT Academy of Tamilnadu.
3	08.12.2025 - 13.12.2025	Dr. M.A. Shanti Mrs. K. Vigneshwari Mrs. S. Sumathi	International Faculty Development Programme on “Quantum Computing for Modern Computational Domains”	Dept. of Computer Science, Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.
4	06.01.2026 - 12.01.2026	Mrs. K. Vigneshwari	Faculty Development Programme on “BackEnd Development”	Bharath College of Arts & Science(A), Thanjavur.
ACADEMIC YEAR(2024–2025)				
1	29.06.2024	Dr. A. Mary Subashini	Building Your own ALEXA With Python/NLP	NoviTech R&D Private Limited
2	01.07.2024 - 05.07.2025	Mrs. K. Vigneshwari	Naan Mudhalvan FDP- Object Oriented Programming Using Python	Bharathidasan University (Main Campus), Tiruchirappalli
3	06.01.2025 - 11.01.2025	Dr. A. Mary Subashini	Naan Mudhalvan FDP- Web Development	Bharathidasan University(Main Campus), Tiruchirappalli.
4	18.02.2025	Dr.M.A.Shanti Dr.A.MarySubashini Mrs. K. Vigneswari	4 th International Conference on “ Emerging Technologies and Multidisciplinary Research”	Department of Computer Science, Idhaya College for Women, Kumbakonam.
5	07-04-2025 - 12-04-2025	Dr. A. MarySubashini	Familiarization on AI Assistant Tools	Periyar Maniammai InstituteofScienceand Technology, Vallam, Thanjavur.
6	24.02.2025 - 28.02.2025	Dr. M. A. Shanti Mrs.K.Vigneshwari	National Level FDP–“ Software Development and Emerging Technologies”	Bon Secours College for Women(Autonomous), Thanjavur.

ACADEMIC YEAR(2023-2024)				
1	06.02.2023 - 10.02.2023	Ms. C. Akilandeshwari	FDP-Cybersecurity Associate	Bharathidasan University, Thiruchirapalli.
2	20.09.2023 - 22.09.2023	Dr. M.A. Shanti	FDP-Problem Solving Skills	Idhaya College for Women, Kumbakonam.
3	18.03.2024 - 23.03.2024	Dr. M.A. Shanti	International Level Virtual Faculty Development Programme-AI for Educators : A Six Days Faculty Development Journey	Periyar Maniammai Institute of Science and Technology, Vallam.
		Dr. A.Mary Subashini		
		Mrs. K. Vigneshwari		

PATENTS

S.NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PATENT NUMBER	YEAR OF PUBLICATION
1	Dr. A.Mary Subashini	A Novel approach for Classification of data Using Machine Learning and Feature Extraction Using Data Mining - LRDM	National Publication	Application No: 202441048244A	05-07-2024

AWARDS

S.NO.	DATE	NAME OF THE STAFF	AWARD	EVENT	ORGANIZATION
ACADEMIC YEAR(2025-2026)					
	29.08.2025	Dr. M.A. Shanti	Rising Contributor Award	MongoDB Skill-a-thon	ICT Academy of Tamilnadu
	25.03.2026	Dr. M.A. Shanti	Appreciation award	Data Science and Soft Skill Course	Bhumi NGO and thoughtworks
ACADEMIC YEAR(2024-2025)					
	27.04.2025	Dr. M.A. Shanti	Lifetime Achievement in Education Award	Nari Shakti Award 2025	Radisson Blu Dwaraka, New Delhi
	29.08.2025	Dr. M.A. Shanti	Rising Contributor Award	Skill - a thon 2025	ICT Academy of Tamilnadu
	06.02.2024	Dr. M.A. Shanti	Certificate of Appreciation	Bhumi's International Volunteer Day Campaign	Bhumi NGO, unicef and Yuwaah
	10.01.2024	Dr. M.A. Shanti	Best Students' ENoRa Staff Advisor	Youth ExNoRa outstanding Award' 2022	Youth ExNoRa International
ACADEMIC YEAR(2023-2024)					
	26.07.2024	Dr. M.A. Shanti	Jyestha Acharya Award	Bharath Education Excellence Awards	Exemplary Contributors of Research and Education Sector

	14.11.2024	Dr. M.A. Shanti	Certificate of Excellence	Bhumi's International Volunteer Day Campaign	Bhumi NGO, Unicef and Yuwaah
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EDITOR/COEDITOR/REVIEWER/BOARD OF STUDIES/RESOURCE PERSON

S.NO.	DATE	NAME OF THE STAFF	EDITOR / COEDITOR / REVIEWER/BOARD OF STUDIES / RESOURCE PERSON	TITLE OF THE EVENT	ORGANIZATION
ACADEMIC YEAR (2025-2026)					
1	25.02.2025	Dr. M.A. Shanti	IQAC - Meritorious Alumna	IQAC Meeting	Government College for Women(A), Kumbakonam.
2	23.02.2026	Dr. M.A. Shanti	Board of Studies	UG & PG Computer Science	Government College for Women(A), Kumbakonam.