

Dr.M.MARY SHANTHI RANI

1. Designation : Professor
2. Centre/Department / School : Computer Science & Applications
3. Qualification :M.C.A., M.Phil.,Ph.D.,
4. Experience(in years) : Teaching: 24years
Research: 15 years
5. Area ofSpecialization : 1) MachineLearning
2) InformationSecurity
3) ImageCompression
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9. GoogleScholar ID : <https://scholar.google.com/citations?user=qVBXKAMAAAAJ&hl=en>
10. IRINSLink for detailedprofile : <https://ruraluniv.irins.org/profile/107256>



11. Research Guidance:

Degree	Awarded		Guiding
	Total	Forthe period 2019-2024	
Ph.D.	7	5	5

12.Publications

S.No.	Category	Total	Forthe period 2019-2024
1.	No. of UGC-CARE Listed Publications	25	15
2.	Books Published	8	5
3.	No. of Chapters in Edited Volume/Proceedings	39	15

SelectPublications(2019-2024)

S.N o.	Titleofthe Article	Nameof the Journal	I/ N	ISBN/ISSN	Vol.	Pg.	Year
1.	Study of Secure Biometric Authentication System for Reversible data Hiding Using Steganography	European Chemical Bulletin	I	2063-5346	12(5)	2597-2607	2023
2.	Stacked LSTMand Kernel-PCA-based EnsembleLearning forCardiac Arrhythmia Classification	International Journal of Advanced Computer Science and Applications	I	2156-5570	Vol. 14, No. 9	39-48	2023

3.	Rice Plant (Oryza Sativa) Disease Classification Using Machine Learning Algorithms	European Chemical Bulletin	I	2063-5346	12(5)	2637-2650	2023
4.	XACML: Explainable Arrhythmia Classification Model Using Machine Learning	Communications in Computer and Information Science, Springer Nature, Switzerland	I	1865-0937	Vol. 1781	2023	

13.SponsoredProjects:

Major Projects handled so far		Major Projects handled during2019-2024	
Nos.	Financial Outlay (Rs.inlakhs)	Nos.	Financial Outlay (Rs. in
02	Rs.1,23,20,250	01	Rs.3,20,250

14. No. of Seminars/Conferences/Workshops organized (2019-2024) : 8

15. No. of Presentations in Seminars/Conferences (2019-2024) : 22

18. No. of Invited Talks in National/ International Conferences (2019-2024) : 21

19. Visits Abroad (2019-2024):

- USA

20.Additionalresponsibilities(2019-2024):

- Lead Coordinator, Gandhigram Research Incubator for Healthcare and Agriculture Applications (GRIHAA), Leading India.ai, GRI (Since March 2018).
- Chief Superintendent of Semester Examinations, May 2019.
- Member, Academic Council, GRI.
- Member, Board of Studies, Dept. of Computer Science & Applications, GRI.
- Coordinator, Alumni Cell, GRI since December 2021.
- Member, Research Advisory Committee, GRI since July 2023.