FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. G. S. Anandha Mala							
Designation	Professor							
Department	Information Technology							
Date of Joining the Institution	05-06-2025							
Qualifications	B.E., M.S., M.E., Ph.D.							
Total Experience	Teaching: 31 Years Industry: 2 Years In RMK: Yet to be						done	
Papers Published in Journal	Overall: 137 Publications As on 11-06-2025 • Web of Science: 37 Publications with 206 citations and h-index of 6 • Scopus: 55 Documents with 472 citations and h-index of 10 • Google Scholar: 80 Documents with 828 citations and h-index of 12 International Journal Conference Book Series Journal Conference 82 35 09 04 07 137					After Joining RMK: Yet to be done		

List of Papers Published

TECHNICAL PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

- 1. Mr. K. Parimala Kanaga Devan and Dr. G. S. Anandha Mala, "An Efficient Deep Learning Mechanism for Predicting Fake News /Reviews in Twitter Data", International Journal on Artificial Intelligence Tools, Print ISSN: 0218-2130 E_ISSN: 1793-6349, World scientific publishing, Vol. 33, No. 6, 2450006 (28 pages), Oct 2024, https://doi.org/10.1142/S0218213024500064 (SCIE) (Scopus) (O4) (Impact Factor 1.0)
- 2. <u>D.Kavitha, G.S.Anandha Mala, "A Brief Survey of Text Mining: Domains, Implemented Algorithms and Evaluation Metrics", Journal of Information & Knowledge Management, World Scientific Publishing, June 2024, https://doi.org/10.1142/S0219649224500783 (Scopus) (Q2) (Impact Factor 0.9)</u>
- 3. M.Lakshmanan M, G.S.Anandha Mala, K.M.Anandkumar, "Highly secured EHR management system based on blockchain technology with digitally signed authentication using data sanitization and polynomial interpolation", Biomedical Signal Processing and Control, Volume 87, Part B, January 2024, 105412. (SCIE) https://doi.org/10.1016/j.bspc.2023.105412 Impact Factor 5.076 (Q1)
- **4.** G.S.Anandha Mala, M.Lakshmanan, "Merkle Tree-Blockchain assisted privacy preservation of Electronic Medical Records on offering Medical Data Protection throughHybrid Heuristic Algorithm", Knowledge and Information Systems, volume 66, No 1, 2024, pg 481-509. DoI: https://doi.org/10.1007/s10115-023-01937-z (SCI) (Scopus) (Q1)
- 5. Parimalakanagadevan K, Anandha Mala G S, "An optimal detection of fake news from Twitter data using dual-stage deep capsule auto-encoder", Journal of Experimental & Theoretical Artificial Intelligence, Print ISSN: 0952-813X Online ISSN: 1362-3079, VOL. 36, NO. 2, pages 287–313, 2024, https://doi.org/10.1080/0952813X.2023.2196986 (Web of Science) (Scopus) (SCI Impact Factor 2.296)
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- 7. Harikumar, G.S.Anandha Mala, "H2RUN: An efficient vendor lock-in solution for multi-cloud environment using horse herd Runge Kutta based data placement optimization", Transaction on Emerging Telecommunications Technologies, Online ISSN:2161-3915, Wiley publisher, 17 June 2022, https://doi.org/10.1002/ett.4541 (SCI Impact Factor 2.638) (WoS)
- 8. Reena Roy and G.S.Anandha Mala, "Early Detection of Pancreatic Cancer using Jaundiced Eye Images", Computer Systems Science and Engineering Journal, ISSN: 0267-6192, Tech Science Press publisher, Vol. 41, No. 2, 2022 DOI:10.32604/csse.2022.016620. **Impact Factor: 1.486 (Web of Science)**
- 9. Reena Roy and G.S.Anandha Mala, "An Improved K-Means Clustering for Segmentation of Pancreatic Tumour from CT Images", IETE Journal of Research, Online ISSN: 0974-780X, Published online 1st July

- 2021, https://doi.org/10.1080/03772063.2021.1944335 (Scopus) (Web of Science) (Impact Factor 2.333)
- 10. R. Ramkumar, G. S. Anandha Mala, "Non functional requirement based software architecture scheme with security requirement using hybrid group search optimization and genetic algorithm", Journal of Ambient Intelligence and Humanized Computing, ISSN: 18685137, Springer-Verlag GmbH Germany, part of Springer Nature 2020, published online on 02 April 2020, ISSN: 18685137, Volume 12, Issue 5, May 2021, Pages 4863-4876 https://doi.org/10.1007/s12652-020-01904-4 (Scopus) (Web of Science) (Impact Factor 7.104)
- 11. Farisha, V.Mercy Rajaselvi, Dr.G.S.Anandha Mala,P.Hari Kumar, "SECURITY IN FOG IOT-BASED HEALTHCARE FRAMEWORK FOR HYPERTENSION", European Journal of Molecular & Clinical Medicine, ISSN: 2515-8260, Volume 7, Issue 11, 2020, pages: 1515 1523. (**Scopus**)
- 12. Mrs. R.Reena Roy, Dr. G.S. Anandha Mala, C.Sarika, S.Shruthi, S.Sripradha, "Segmentation of Pancreatic Cysts And ROI Extraction from Pancreatic CT Images Using Machine Learning", European Journal of Molecular & Clinical Medicine, ISSN 2515-8260, Volume 7, Issue 4, 2020, pages: 2981-2991. (Scopus)
- 13. Mr K.P.K Devan, Dr G. S. Anandha Mala, Deepthi Salunkey. K, Grace Cynthia. R, Madhumitha. J, "Automated Diagnosis of Malarial Parasite in Red Blood Cells", European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 Volume 7, Issue 4, 2020, pages: 2718-2725. (Scopus)
- 14. Dr.G.S.Anandha Mala, Gowthamkumar K, Kesavan B, Kishore R "Survey on Classification of Pest and Pesticide recommendation using CNN Algorithm", International Journal of Advanced Science and Technology, ISSN: 2005-4238, Vol. 29, No. 3, September 2020, pp. 13610 13616.https://doi.org/10.22214/ijraset.2020.30031 (Scopus)
- 15. Dr.G.S.Anandha mala, A Vijay Akash, S Shobika, "Tracking of Criminal Through CCTV Using Face Detection", International Journal of Advanced Science and Technology, ISSN: 2005-4238, Vol. 29, No. 6, (2020), pp. 6542 6551 (**Scopus**)
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- Ramya Devi R, Anandhamala G S, "Recent Trends in Medical Imaging Modalities and Challenges For Diagnosing Breast Cancer", Biomedical & Pharmacology Journal, ISSN: 0974-6242, e-ISSN: 2456-2610, Vol. 11(3), September 2018, pages 1649-1658. (SCOPUS) DOI: http://dx.doi.org/10.13005/bpj/1533 (Scopus) (UGC-CARE)
- 20. M.Anbu and G.S.Anandha Mala, "Hybrid Firefly for Improving Software Defect Prediction", International Journal of Pure and Applied Mathematics, ISSN: 1314-3395 (on-line version), Special Issue, Volume 119 No. 15b 2018, pages 2285 2303. (SCOPUS)
- 21. R. Krishna Bharathi, R.Ramyadevi, V.Rathinapriya and G.S.Anandhamala "Survey on the Detection of Breast Tumour by Thermography", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 6 Issue III, March 2018, pp. 2677-2683.
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- 29. Ramkumar R, Anandha Mala G S, "Security Requirements Reliability and Robustness", International Journal of Control Theory and Applications", International Science Press ISSN: 0974-5572, 9(28), 2016, pp. 1-7.
- S. Geetha, G.S. Anandha Mala and Suresh Kumar Sanampudi, "Automatic Domain Knowledge Extraction from Requirements Specification Text", Research Journal of Applied Sciences, Engineering and Technology, ISSN: 2040-7459; e-ISSN: 2040-7467, Maxwell Scientific Publication Corp., Vol 12, No 9, pp. 926-932, May 2016. DOI:10.19026/rjaset.12.2810
- 31. G Sreeram, G S Anandha Mala G S and G V Uma, "Ensuring an Efficient Access Control Security in Cloud Computing Using Broadcast Group Key Management", Sylwan Journal, ISSN: 0039-7660, Vol 160, Issue 6, 2016, pp. 219 230. (Annexure I) (SCI-Impact Factor 0.322) (SCI Journal) (UGC-CARE)
- 32. M.Anuradha and G.S.Anandha Mala, "Cross-layer based Congestion Detection and Routing Protocol Using Fuzzy Logic for MANET", **Wireless Networks**, Springer US Publisher, ISSN 1022-0038, Feb 2016, (), 1-13. DOI 10.1007/s11276-016-1211-5 (**Annexure I**) (**SCOPUS**) (**SCI-Impact factor 0.961**) (**SCI Journal**) **doi:10.1007/s11276-016-1211-5** (**Web of Science**)
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- 35. Anbu M, G.S.Anandha Mala, "Investigation of Software Defect Prediction Using Data Mining Framework", Research Journal of Applied Sciences, Engineering and Technology, Maxwell Scientific Publication Corp., ISSN: 2040-7459; e-ISSN: 2040-7467, Volume 11, Issue 1, September 2015, Page No. 63-69.
- 36. Ramkumar R, Anandha Mala G S, "An Efficient Requirements Engineering Framework for Software Quality Improvement using Optimization", International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, No 66, pp.327-331, 2015. http://www.scopus.com/inward/record.url?eid=2-s2.0-84958255884&partnerID=MN8TOARS (Annexure-II) (SCOPUS)
- 37. Sreeram G, Anandha Mala G S, Uma G V, "Dynamic Authentication for Outsourced Data in Cloud Computing Using Enhanced Attribute-Based Encryption", Australian Journal of Basic and Applied Sciences, ISSN:1991-8178, 9(20) June 2015, Pages: 113-121.
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- 43. K.R.Udhayan, G.S.Anandha Mala, "Hybrid Ontology for Semantic Information Retrieval Model Using Keyword Matching Indexing System", The Scientific World Journal, a special issue on "Recent Advances in Knowledge Based Technologies and Applications", Hindawi Publishing Corporation, Volume 2015, Article ID 414910, 9 pages, http://dx.doi.org/10.1155/2015/414910 (Scopus)(Annexure I)
- 44. Padmakala S, Dr.P.Muthuchelvi, G.S.Anandha Mala, "IVRSC: An Interactive and Intelligent Video Retrieval System for Cricket Videos Using Multi-Features", International Journal of Applied Engineering Research (IJAER),Research India Publications, ISSN 0973-4562 Volume 9, Number 24 (2014) pp. 27457-27491, (Annexure 2).
- 45. Padmakala S, G.S.Anandha Mala, "Interactive Video Retrieval Using Semantic Level Features and Relevant Feedback", International Arab Journal of Information Technology (IAJIT), ISSN:1683-3198 (print), ISSN:2309-4524 (Online), accepted on July 2014 and published on September 2017, Volume 14, No. 5, 2017, pp. 764 773. (SCI-Impact Factor 0.37 for the year 2013) (Annexure 1) (SCI Journal) (UGC-CARE) (Web of Science)
- 46. L.JaniAnbarasi, G.S.Anandha Mala, "Verifiable Multi Secret Sharing Scheme for 3D Models", International Arab Journal of Information Technology (IAJIT), Vol. 12, No. 6A, 2015, pp. 708-713. (SCI-Impact Factor 0.37 for the year 2013) (Annexure 1) (SCI Journal) (UGC-CARE)
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- 48. Logeshwari.G and Dr.G.S.Anandha Mala, "Enhancement of Speech in Stationary and Non-Stationary Noisy Environment", International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Volume 10, Number 1 (2015) pp. 2165-2177 © Research India Publications (Annexure II) (SCOPUS)
- 49. Geetha S, Anandha Mala G S, "Automatic Database Construction From Natural Language Requirements Specification Text", ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, VOL. 9, NO. 8, August 2014, pp. 1260 1266. (SCOPUS)
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- 61. Javid Ali, Anandha Mala, "An efficient algorithm for fault classification and identification in online transaction management", Journal of Theoretical and Applied Information Technology, Vol. 60 No. 1, February 2014, pp. 82 88, ISSN: 1992-8645, E-ISSN: 1817-3195. (Annexure II)
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Sep 2009, pp:01	− 06.					
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall: 16 out of 35 are indexed in Scopus / WoS	After Joining RMK: Yet to be done				
Ph.Ds / Projects Guided	Completed 19 Ph.D. (14 Anna University, 2 JNTU, 1 Sathyabama University and 2 Dravidian University)	Student Projects Guided: 20+				
Books Published:	9 Book Chapters					
Patents	Filed & Published 6 Patents (No. 202141050796, 202441090001, No.202441069309, 202341063024, 202541005168, 202541040646)	Granted Count: Nil				
Professional Memberships	• India Society for Technical Education (Life Member) (LM21506) Computer Society of India (I1506455)					
Consultancy Projects Completed	5 Completed					
Awards Received	 Certified as "Outstanding Reviewer" for "Journal of Network and Computer Applications" by Elsevier, Amsterdam, The Netherlands, Oct 2016. "Distinguished Women Administrator Award" by VIWA, March 5th 2016, at Hotel Radha Regent, Chennai "IET CLN Exemplary Teacher Award" by IET on September 25th 2016 at Hotel Radha Regent, Chennai 9th Rank by University of Madras for the Master Degree Programme 					
Research grants Received	Completed DST Funded Research Project under Device Development Programme (Rs. 16.48 Lakhs)					
Orcid Link/ ID	http://orcid.org/0000-0002-9392-0687 Orcid ID: 0000-0002-9392-0687					
Google Scholar Link/ID	https://scholar.google.com/citations?user=6206zSUAAAAJ&hl=en&authuser=2					
Vidwan Link / ID	https://vidwan.inflibnet.ac.in/myprofile Vidwan-ID 286762					
WoS Link / ID	https://www.webofscience.com/wos/author/record/1204473 Researcher ID: A-5342-2016					
Scopus Link /ID	https://www.scopus.com/authid/detail.uri?authorId=26530863600 Sc	opus ID: 26530863600				
Journal Reviewers	 Guest Editor for "Computer Science Systems and Engineering Journal" 's special issue on "Application of the Information Technology During the Complex Pandemic Times Especially in the Education Sector", Tech Science Press publisher, ISSN: 0267-6192 (Print). https://techscience.com/csse/special_detail/cpt-es Certified "Reviewer" for "Journal of Artificial Intelligence in Medicine", by Elsevier Certified Reviewer of International Journal of Computational Science and Engineering (IJCSE), Inderscience Publisher Certified Reviewer of Journal of Network and Computer Applications (JNCA), Elsevier Publisher 					