

FACULTY PROFILE



Name of Teaching Faculty - RMKID	Dr. Radhika S – T0342	
Designation	Professor	
Department	Information Technology	
Date of Joining the Institution	21.07.2005	
Qualifications	M.C.A., M.E., Ph. D.,	
Total Experience	27 years	
Papers Published in Journal	National - 2	International - 11

List of Papers Published

- 1) **ACORD - An Adaptive Corner Detection Algorithm for Planar Curves** - Pattern Recognition, pp. 703-708, 2003. **(Listed in Annexure I of Anna University)**
- 2) **Introduction to Artificial Neural Networks** – Bioinformatics India – Journal, 2005
- 3) **ART network – A solution for Effective Warranty Management** – Journal of cooperation among University, Research and Industrial Enterprises(CURIE), 2008
- 4) **“A Novel Approach to Classify Noises in Images Using Artificial Neural Network”**, Journal of Computer Science, 6(5), 2010, pp.541-545, ISSN:1549-3636 **(Listed in Annexure II of Anna University)**
- 5) **“Probabilistic Neural Network – A Better Solution for Noise Classification”**, Journal of Theoretical and Applied Information Technology, Vol. 27, No. 1, 2011, pp. 39-42, E-ISSN 1817-3195 / ISSN 1992-8615.
- 6) **“Applicability of BPN and MLP neural networks for classification of noises present in different image formats”**, International Journal of Computer Applications, Vol. 26 No. 5, 2011, pp. 10-14, DOI: 10.5120/3101-4259
- 7) **“Application of Neural Networks for Noise and Filter Classification to enhance the Image Quality”**, International Journal of Computer Science Issues, Vol. 8, Issue 5, pp. 314-317, September 2011
- 8) **“Improving de-duplication efficiency with multilevel hashing in cloud storage backup”**, International Journal of Control Theory and Applications, 9(26) pp.7-13, January 201
- 9) **“Crime Record Management System”**, International Journal of Mechanical Engineering, Vol 7.1, January 2022
- 10) **“Implementation of Human Machine Interface Module and Control System Based on Controller Area Network”**, Cyber-Physical Systems and Supporting Technologies for Industrial Automation, pp. 229-244, August 2023
- 11) **“A Hash based Deduplication to optimize Medical Image Storage”**, Proceedings of RMKMATE 2023, IEEE Xplore, January 2024
- 12) **“Pulse Non-Orthogonal Multiple Access(PNOMA) Technique for Future Generation Wireless Networks”**, Proceedings of RMKMATE 2023, IEEE Xplore, January 2024
- 13) **“A Data-Driven Approach to Improving Neonatal Care through Artificial Intelligence and Clinical Data Integration”**, Proceedings of ICTBIG 2023, IEEE Xplore, March 2024

Papers Presented in Conferences (Scopus/WoS indexed only)	National - 7	International - 7
Ph.Ds / Projects Guided	PG Projects - 200	
Books Published:	Principles of Artificial Neural Networks	
Patents	<ol style="list-style-type: none"> 1. "Smart Attendance System" - Published - Reference No.202241019799 2. "Human following Robot using Arduino Uno" – Published – Reference No. 202341080347 	
Professional Memberships	<ul style="list-style-type: none"> • Life member ISTE - Indian Society of Technical Education • Life member CSI - Computer Society of India • Life member IACSIT – International Association of Computer Science and Information Technology • Life member IAENG – International Association for Engineers 	
Consultancy Projects Completed	Developed Website for SDPC	

Awards Received	<ul style="list-style-type: none"> • Best Teacher Award for the years 1998, 1999 at VIT. • IBM TGMC Mentor Award by IBM at CMRIT, Bangalore, 2014. • Inspire Campus Connect Faculty Partner Partnership Model – Bronze – Infosys, 2016 • Inspire Campus Connect Faculty Partner Partnership Model – Gold – Infosys, 2017 • Inspire Campus Connect Faculty Partner Partnership Model – Bronze – Infosys, 2018 • Inspire Campus Connect Faculty Partner Partnership Model – Silver – Infosys, 2019
Research grants Received	Co-Investigator – Project funded by AICTE, Rs. 5,00,000/- - 2000 Principal Investigator – Project funded by UBA, MHRD, Rs. 1,00,000/- 2019
Orcid Link/ ID	0000-0003-4387-5272
Google Scholar Link/ID	psvq_NAAAAAJ
Vidwan Link/ID	282352
Research Gate Link /ID	
Scopus Link/ID	57276576500