

FACULTY PROFILE

Name of Teaching Staff / RMK ID	Mr.S.NAGENDIRAN /T1083		
Designation	Assistant Professor (Grade-II)		
Department	Artificial Intelligence and Data Science		
Date of Joining the Institution	20.07.2022		
Qualifications	B.E	M.E	(Ph.D)
Total Experience	Overall : 16		in RMK : 03
Papers Published in Journal	Overall : 09		After Joining RMK : 09
List of Papers Published	<ol style="list-style-type: none"> 1. Nagendiran, S., Rohini, S., Jagadeesan, P., Shankari, S., & Harini, R. (2023). DiabPrednet: development of attention-based long short-term memory-based diabetes prediction model with optimal weighted feature fusion mechanism. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization</i>, 11(7). https://doi.org/10.1080/21681163.2023.2258995 2. C. Selvamuthu, P. Agrawal, T. Awasthi, N. K. Gupta, S. Nagendiran and R. P. Joshi, "Security Challenges in Cloud Computing: Strategies for Protecting Data and Applications," <i>2024 International Conference on Advances in Computing, Communication and Materials (ICACCM)</i>, Dehradun, India, 2024, pp. 1-6, doi: 10.1109/ICACCM61117.2024.11059141. 3. S. Saranya, Monika, K. Manikandan, J. Nagaraju, S. Nagendiran and B. T. Geetha, "Blockchain-Based Identity Management: Enhancing Privacy and Security in Digital Identity System," <i>2024 7th International Conference on Contemporary Computing and Informatics (IC3I)</i>, Greater Noida, India, 2024, pp. 1620-1625, doi: 10.1109/IC3I61595.2024.10829044. 4. Bhagya Lakshmi A, Sasirekha K, Nagendiran S, et al. HT-WSO: A hybrid meta-heuristic approach-aided multi-objective constraints for energy efficient routing in WBANs. <i>Intelligent Decision Technologies</i>. 2024;18(2):1591-1614. doi:10.3233/IDT-220295 5. D. K, S. Johnson, D. M. S, Srijayanthi, P. S. L and Nagendiran, "ResQFeed: Empowering Communities through Optimized Food Rescue," <i>2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering</i> 		



	<p>(RMKMATE), Chennai, India, 2023, pp. 1-6, doi: 10.1109/RMKMATE59243.2023.10369492.</p> <p>6. V. K. Domakonda, K. Sasirekha, S. Sangeetha, U. L, Nagendiran. S and M. J. Kumar, "An Empirical Evaluation of Machine Learning Algorithms for Groundwater Quality Classification," <i>2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)</i>, Uttar Pradesh, India, 2023, pp. 1-6, doi: 10.1109/ICIPTM57143.2023.10117944.</p> <p>7. S. Nagendiran, R. Renugadevi, R. P. A. Kumar, K. Sasirekha and R. Harini, "Secure Sensitive Information on IoT using Machine Learning," <i>2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)</i>, Theni, India, 2023, pp. 360-366, doi: 10.1109/ICSCNA58489.2023.10370157.</p> <p>8. Deepika. V, Jaya. R, Dayana. M, Nagendiran. S, Haritha. M and S. Johnson, "Fish Classification Using Convolutional Neural Network," <i>2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)</i>, Chennai, India, 2023, pp. 1-4, doi: 10.1109/RMKMATE59243.2023.10369927.</p> <p>9. S.Nagendiran, A. Bhagyalakshmi, M. Ramya, B. Shyamala Gowri:" Recommending merchandise by fusing on-line product scores and objective knowledge supported location", INTERNATIONAL VIRTUAL CONFERENCE ON MACHINE LEARNING APPLICATIONS IN APPLIED SCIENCES AND MATHEMATICS: IVCMA2022, https://doi.org/10.1063/5.0182364</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall: 9	After Joining RMK :9
Ph.Ds / Projects Guided	Ph.Ds Guided :	Student Projects Guided : 15
Books Published :	Count :1	
	List: S. Nagendiran , C. Mary Shiba, R. Harini "Java Programming Concepts and Implementations", "Prime International Publications", 2024.	
Patents	Published Count :	Granted Count :

	List :
Professional Memberships	Count :03
	List : 1.The Indian Society for Technical Education-ISTE 2. International Association of Engineers- IAENG 3. International Association of Academic Plus Corporate- IAAC
Consultancy Projects Completed	Count :03
Awards Received	Count :05
	List : 1. Best mentor award from NPTEL" Computer Networks and Internet Protocols" Jan-Apr 2025 . 2. Best mentor award from NPTEL" Cloud Computing" Jul-Dec2024. 3. Best mentor award from NPTEL" Social Network Analysis" Jul-Dec2023 4. Best mentor award from NPTEL" Introduction to Internet of Things" Jul-Dec2023 Best mentor award from NPTEL" Data Analytics with Python" Jan-Apr2023
Research grants Received	
Orchid Link / ID	https://orcid.org/my-orcid?orcid=0000-0001-6109-6585
Google Scholar Link / ID	https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=a7CKinwAAAAJ
Vidwan Link / ID	https://vidwan.inflibnet.ac.in/myprofile (Vidwan-ID : 302832)
Research Gate Link / ID	https://www.researchgate.net/signup.SignUpPublications.html
Scopus Link / ID	https://www.scopus.com/authid/detail.uri?authorId=58285428500