


FACULTY PROFILE

Name of Teaching Staff / RMK ID	B. Maheswari/T1116		
Designation	Assistant Professor-II		
Department	COMPUTER SCIENCE AND ENGINEERING		
Date of Joining the Institution	21.07.2023		
Qualifications	M.E.	(Ph.D)	
Total Experience	Overall : 12 years		in RMK : 2 Years
Papers Published in Journal	Overall : 28		After Joining RMK : 14
List of Papers Published	<p>1. B.Maheswari, “Exploring Machine Learning and Advanced Modeling Techniques in Financial Data Science”, 2025 8th International Conference on Trends in Electronics and Informatics (ICOEI), 10.1109/ICOEI65986.2025.11013591</p> <p>2. B.Maheswari, “Circular Economy and Sustainability in Smart Cities: Integrating Technologies for a Sustainable Future”, Leveraging Urban Computing for Sustainable Urban Development, 2025, 10.4018/979-8-3373-0761-9.ch003</p> <p>3. B.Maheswari, “AI in Risk Management: An Overview of Applications in Firm Management, Financial Markets, and Risk”, Artificial Intelligence for Financial Risk Management and Analysis, 2025, 10.4018/979-8-3373-1200-2.ch022</p> <p>4. B.Maheswari,” A Review on Sustainable Development and Green Practices: Strategies, Challenges, and Future Directions”, Adaptive Strategies for Green Economy and Sustainability Policies, 2025, 10.4018/979-8-3693-7570-9.ch001</p> <p>5. B.Maheswari, ”Revolutionizing trust manufacturing integrating real-time data and AI innovations for enhanced efficiency”, Industry Applications of Thrust Manufacturing: Convergence with Real-Time Data and AI, 2025, 10.4018/979-8-3693-4276-3.ch003</p>		

6. B.Maheswari, "Revolutionizing Healthcare Delivery: Applications and Impact of Cutting-Edge Technologies", AI and IoT Technology and Applications for Smart Healthcare Systems, 2024,10.1201/9781032686745-6
7. B.Maheswari, "Plasmabridge: Connecting Blood and Plasma Donors with Hospitals", Communications in Computer and Information Science, 2024, 10.1007/978-3-031-68908-6_28
8. B.Maheswari, "Customer churn prediction model in enterprises using machine learning", International Journal of Advanced Technology and Engineering Exploration, 2024,10.19101/IJATEE.2023.10101581
- 9.B.Maheswari, "Optimizing Prediction Accuracy in High-Dimensional Data: Comparative Analysis of Feature Selection Methods with Naive Bayes Algorithm", SSRG International Journal of Electronics and Communication Engineering, 2024,10.14445/23488549/IJECE-V11I3P105
- 10.B.Maheswari, "EduChatbot: Implementing educational Chatbot for assisting the teaching-learning process by NLP-based hybrid heuristic adopted deep learning framework", **Kybernetes**,2024 10.1108/K-01-2024-0103
11. B.Maheswari, "Securing E- Commerce Strategies With Cloud, Blockchain, AI, and ML"Strategies for E-Commerce Data Security: Cloud, Blockchain, AI, and Machine Learning,2024,10.4018/979-8-3693-6557-1.ch019
12. B.Maheswari, "Advances in AI and machine learning for healthcare informatics Machine Learning and Generative AI in Smart Healthcare",2024,10.4018/979-8-3693-3719-6.ch001
13. B.Maheswari, "Educational Chatbot for Adopting Effective Teaching Learning Process using Long Short-Term Memory with Feature Extraction Proceedings of the 2023, 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023,10.1109/ICAISS58487.2023.10250704
14. B.Maheswari, "A Comprehensive Survey of Deep Learning: Advancements, Applications, and Challenges International Journal on Recent and Innovation Trends in Computing and Communication,2023,10.17762/ijritcc.v11i18s.7225
15. B.Maheswari, "Collaborative Filtering for Bargaining and Customer Feedback in E-Commerce Proceedings of the 7th International Conference on Intelligent Computing and Control Systems,ICICCS2023 ,10.1109/ICICCS56967.2023.10142348.
16. B.Maheswari, "Enhancing Customer Prediction Using Machine Learning with Feature Selection Approaches",Lecture Notes in Networks and Systems2023,10.1007/978-981-19-7402-1_4
17. B.Maheswari, "Offline Recognition Of Handwritten Text Using Combination Of Neural Networks Proceedings of the 8th International Conference on Communication and Electronics

Systems, ICCES 2023,10.1109/ICCES57224.2023.10192850

18. B.Maheswari, "AI and IoT applications in medical domain enhancing healthcare through technology integration AI and IoT-Based Technologies for Precision Medicine,2023,10.4018/979-8-3693-0876-9.ch017

19. B.Maheswari, "Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve the Customer Behavior Prediction, Lecture Notes in Networks and Systems 2022, 10.1007/978-981-16-6723-7_14.

20. B.Maheswari, "Customer Analysis using Machine Learning with Feature Selection Approaches: A Comparative StudyProceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022,10.1109/ICAISS55157.2022.10011059

21. B.Maheswari,"Wrapper-Naive Bayes Approach to Perform Efficient Customer Behavior Prediction",Lecture Notes on Data Engineering and Communications Technologies,202210.1007/978-981-16-7167-8_2

22. B.Maheswari, "Customer analysis using machine learning algorithms: A case study using banking consumer dataset", Advances in Parallel Computing 2022,10.3233/APC210263

23. B.Maheswari, "Customer Patterns Analysis Using Multi-Level Attribute Selection With Machine Learning Models Indian Journal of Computer Science and Engineering 2022, 10.21817/indjse/2022/v13i5/221305098

24. B.Maheswari, "Performance Analysis of Different Machine Learning in Customer Prediction 2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings 2022 10.1109/ICOEI53556.2022.9776714

25. B.Maheswari, "An Extensive Review of Machine Learning Techniques for EEG Signal Processing International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings 2022, 10.1109/ICACRS55517.2022.10029003

26. B.Maheswari, "A Survey on Alleviating the Naive Bayes Conditional Independence Assumption Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022

27. B.Maheswari, "Alleviating NB conditional independence using Multi-stage variable selection(MSVS): Banking customer dataset application Journal of Physics: Conference Series,2021,10.1088/1742-6596/1767/1/012002

28. B.Maheswari, "Hybrid feature selection approach for naive bayes to improve consumer behavior analysis Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021,10.1109/ICICV50876.2021.9388439

Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided :20
Books Published :	Count :2	
Patents	Published Count :1	Granted Count :NIL
Professional Memberships	Count : S	
Consultancy Projects Completed	Count : 2	
Awards Received	-	
Orchid Link / ID	https://orcid.org/0000-0001-9711-7915	
Google Scholar Link / ID	https://scholar.google.com/citations?view_op=list_works&hl=en&user=rwG2gBoAAAAJ	
Vidwan Link / ID	https://vidwan.inflibnet.ac.in/profile/476260	
Research Gate Link / ID	https://www.researchgate.net/profile/Maheswari-Sasi-Venkatesh	
Scopus Link / ID	https://www.scopus.com/authid/detail.uri?authorId=58192959500	