FACULTY PROFILE

Name of Teaching Staff/RMK ID	Prof.M.VENGATESHWARAN / T1137
Designation	Assistant Professor
Department	Computer Science and Engineering
Date of Joining the Institution	28.6.2024

Qualifications	B.E., M.E., (Ph.D)	**Area of Specialization:** Big Data Analytics, Machine & Deep Learning, Information Retrieval, Social Network Analysis High Performance Computing
Total Experience	Overall: 7 years	In RMK:
Papers Published in Journal	Overall: 32	After Joining RMK:

List of Papers Published	1. **M.Vengateshwaran**, "F-SIFT: Fuzzy Based Smart Intelligence Farming Techniques Using IoT Technique", "IEEE Explore",2024 2. **M.Vengateshwaran**,"Probabilistic techniques for location based services using computational intelligence", AIP Proceeding Jan 2023 (Scopus & WOS Indexed). 3. **M.Vengateshwaran**, "Contact Tracing Detection Application for Covid'19 using Machine Learning Techniques", "IEEE Explore",2022 4. **M.Vengateshwaran**, "Neural Network Based fertilizers recommendation system for disorder classification and Prediction in Petalimages", "IEEE Explore",2021 5. **M.Vengateshwaran**, "An Intelligent Expert System Models to Predict and Diagnostic Breast Cancer Disease Using Big Data Analytics", Annals of the Romanian Society for Cell Biology ISSN 1583-6258 V-25 I-5 May 2021 (Scopus Indexed). 6. **M.Vengateshwaran**, "Integrating Block Chain Based Ensuring Security and Privacy of Electronic Health Record Systems Using Machine Learning Techniques", International Journal For Research In Applied Science & Engineering Technology (IJRASET) ISSN NO: 2321-9653 Volume 9 Issue 4, April 2021 (UGC Approved) 7. **M.Vengateshwaran**, "A Novel Approach for Micro Blogs: Twitter Contents Based Sentiment Analysis and Prediction System Using Deep Learning Techniques", International Journal Of Engineering Research & Technology (IJERT) ISSN 2278-0181 V-9 I-5 APRIL 2021 (UGC Approved)

	8. **M.Vengateshwaran**, "An Intelligent Framework System for Smart City Prediction Using Big data Analytics" , International Journal Of Engineering Research & Technology (IJERT) ISSN 2278-0181 V-9 I-5 APRIL 2021 (UGC Approved)
	9. **M.Vengateshwaran**, "A Deep Learner Based Smart Precision Agriculture System Using Machine Learning Techniques", International Journal Of Engineering Research & Technology (IJERT) ISSN 2278-0181 V-9 I-5 APRIL 2021 (UGC Approved)
	10. **M.Vengateshwaran**, "IOT Based Detection of Soldier Navigation and Border Security System through Interfacing of Arduino with Biomedical Sensors", European Journal Of Molecular And Clinical Medicine ISSN 2515-8260 Nov 2020 (Scopus Indexed)
	11. **M.Vengateshwaran**, "Emerging Disease of Covid-19 Problems Analyzed Various Hypothesis Using Expert Systems", Journal Of Xian University Of Architec & Technology ISSN 1006-7930 V-12 I-7 July 2020 (Scopus indexed)
	12. **M.Vengateshwaran**, "A Modern Approach for Speech to Text and Text to Speech Conversion Application using Machine Learning Techniques", International Journal Of Research In Application & Management(IJREAM)ISSN:2454-9150Volume 6 Issue 1,April2020(UGC Approved)
	13. **M.Vengateshwaran**, "Detecting Fake News over Online Social media using Social Network Analysis", International Journal Of Research & Technology (IJRT) ISSN :2321-7529 Volume 8 Issue 2, March 2020 (UGC Approved)
	14. **M.Vengateshwaran**, "A Modernized IOT Enabled Smart Farming using LORA WAN Techniques", International Journal Of Scientific Research In CSEIT (IRSRCSEIT) ISSN : 2456-3307 Volume 6 Issue 2, March 2020 (UGC Approved)
	15. **M.Vengateshwaran**, "Phishing website Revelation based Multifaceted Features using Machine Learning Techniques", International Journal For Research In Applied Science & Engineering Technology (IJRASET) ISSN NO: 2321-9653 Volume 8 Issue 3, March 2020 (UGC Approved)
	16. **M.Vengateshwaran**, "Computerized Vehicle Foyer and Outlet Monitoring System Using Deep Learning Approach", International Research Journal Of

Engineering And Technology (IRJET) ISSN :2395-0056 Volume 7 Issue 2, February 2020 (UGC Approved)

17. **M.Vengateshwaran**, "Cardiac Infarction Categorization and Diagnosis Using Expert System Models", International JournalOf Creative Research Thoughts ISSN :2320-2882 Volume 8 Issue 2, February 2020 (UGC Approved)

18. **M.Vengateshwaran**, "Magnify Qos with Tabu & Link Scheduling in WMN", International Journal Of Recent Technology & Engineering ISSN 2277-3878 V-8 I-4 November 2019 P-3671-3674 (ELSEVIER Scopus indexed)

19. **M.Vengateshwaran**, "Efficient Vehicle Smoke Tracking Down System using Raspberry –PI in IOT Automation", International Research JournalOf Automotive Technology ISSN 2581-5865 July 2019.

20. **M.Vengateshwaran**, "An Intelligent Deep Learning Approach for Brain Pathology Detection & Classification using Back Propagation Neural Network", Journal of Applied Science and Computations ISSN :1076-5131 Volume: 6   Issues: Mar 2019 (UGC Approved).

21. **M.Vengateshwaran**, "Semantic Based Text Classification Of Emergent Brain Tumor Disease Reports Using Machine Learning Techniques", International Journal Of Science & Engineering Development Research ISSN :2455-2631 V-4 I-3 Mar 2019 (UGC Approved).

22. **M.Vengateshwaran**, "A Innovative hot Topic Detection Schema with Synthesis of Image and Short Text Knowledge Retrieval From Twitter", International Journal Of Advanced Science And Engineering Research ISSN:2455-9288 Mar 2019

23. **M.Vengateshwaran**, "Hadoop Based Brain Tumor disorder prediction and categorization using near Infra-red Imaging Technology", International Journal Of Advanced Science And Engineering Research ISSN:2455-9288 Mar 2019

24. **M.Vengateshwaran**, "Voice Disorder Recognition and analysis using Knowledge Engineering Techniques", International Research Journal of   Multidisciplinary Technovation, Mar 2019.

25. **M.Vengateshwaran**, "Deep Learner Based Earlier Plant Leaf Disease Prediction and Classification Using Machine Learning Algorithms", IOSR Journal of Engineering (IOSRJEN) ISSN €: 2250-3021, ISSN (p): 2278-8719 , 2018(UGC indexed)

	26. **M.Vengateshwaran**, "A Modern Approach for Smart Healthcare Monitoring System Remotely Using IoT and Raspberry Pi", IOSR Journal of Engineering (IOSRJEN) ISSN €: 2250-3021,ISSN (p):2278-8719, 2018 (UGCindexed)
	27. **M.Vengateshwaran**, "Compartive Analysis of Bigdata, MachineLearning, BlockChain: Technologies and their Applications", IOSR Journal of Engineering (IOSRJEN) ISSN €: 2250-3021,ISSN (p):2278-8719, 2018 (UGC indexed)
	28. **M.Vengateshwaran**, "Efficient Information Retrieval and Feature-DR Using Semantic Based Topic Classification: In Social Networks from Big Data", SSRG International Journal of Mobile Computing & Application(IJMCA). ISSNNO:2393-91412017
	29. **M.Vengateshwaran**, "A Novel Approach for Keyword Aware Service Recommendation System Using Collaborative–Filtering Algorithm to Implement in Hadoop Framework", International Journal Of Advanced Research In Computer and Communication Engineering (IJARCCE). ISSN NO: 2278-1021 Volume: 6 Issue: 6 June 2017
	30. **M.Vengateshwaran**, "Efficient Deep Learning Approach for Dimensionality Reduction Using Micro blogs From BigData", International Journal for Research in Applied Science & Engineering Technology (IJRASET). ISSN NO: 2321-9653 Volume: 5 Issue: III March 2017
	31. **M.Vengateshwaran**, "Web Mining Research Direction and Open Source Tools", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE). ISSN: 2277 128X Volume: 4 Issue: 7 July 2014
	32. **M.Vengateshwaran**, "Big Data Storage and Analytics: Technologies and their Application", Indo Global Journal of Applied Engineering ISSN NO: 2321-5267 Volume: 2 Issue: 1 May 2014

PapersPresentedinConferences (Scopus/WoS indexedonly)	Overall: 81 Scopus: 5 ,WOS : 1	After Joining RMK:
Ph.Ds/ProjectsGuided	Ph.DsGuided :	StudentProjectsGuided: 17
Books Published	Count:08	
	List: 1. M.Vengateshwaran, "Big Data Analytics", The Charulatha Publications, 2024. 2. M.Vengateshwaran, "Software Testing", The Charulatha Publications, 2023. 3. M.Vengateshwaran, "Electronic Commerce", The Charulatha Publications, 2022. 4. M.Vengateshwaran, "Data warehousing & Data mining", The Charulatha Publications, 2021. 5. M.Vengateshwaran, "Information Security", The Charulatha Publications, 2021. 6. M.Vengateshwaran, "Information Retrieval Techniques", The Charulatha Publications, 2020. 7. M.Vengateshwaran, "Machine Learning", Magnus Publications, 2020. 8. M.Vengateshwaran, "Mobile Computing", Mayas Publications, 2019.	
Patents	Published Count:2	Granted Count :-1
	List: 1. Solar Based Automated Railway Track Inspection Trolley (Patent No: 6319705) 2. AI based Automatic sea/lake cleaning robot (Patent No: 202241062284) 3. Artificial Intelligence Based Prediction of Pandemic Situation & Alertness Using Social Media Data (Patent No: 202141019952)	
Professional Memberships	Count:03	
	List: IEEE,IAENG, INSTICC	
Consultancy Projects Completed	Count:02 1. E-Healthcare Management App 2. Agriculture Crop Recommendation system based on Productivity	
Awards Received	Count:08	
	1. I got **Yuva Acharya Award** (**Best Young Faculty)** in Bharat Education Excellence, received this award from **Dr.Buddha Chandrashekar, Chief Coordinating Officer, AICTE-New Delhi.** 2. I got **Young Achiever Award** in Research Excellence Awards, received this award from **Thiru.N.Rangaswamy Chief Minister of Puducherry**. 3. I got **Young Achiever Award 2023** in Inspire, received this award from **Dr.M.Jayaprakasan**, CEO-**Naan Mudhalvan**, Government of Tamilnadu. 4. I got **Best Tutor Award** from SKI Institutions, Coimbatore	

	5. I got **Young Achiever Award 2022** received this award from KMF Foundation Founder. 6. I got **Best Faculty Award 2021** in GMRAF AWARDS, received this award from **Dr.Kalanidhi Veeraswamy, Chennai Lok Sabha Constituency.** 7. I got **Teaching Excellence Award 2019** from Agni College of Technology, Chennai 8. Igot "**30thRankinM.E**"fromAnnaUniversity, Chennai & **College Topper**
Other Academic Contribution	• Hackathon Mentor – Winning Count : 17 • Acted as Resource Person & Guest Talk: 23 • Innovation Idea Proposal Submitted : 3 • Event Organized : 42 • Member of NBA, NAAC, NIRF Files Committee. • IIC Innovation Ambassador
Journal Reviewer	1. Reviewer of International Journal of Science & Engineering Development Research. 2. Reviewer of International Journal of Creative Research Thoughts
Research grants Received	-
Orcid Link /ID	https://orcid.org/my-orcid?orcid=0000-0001-9169-1334
Google Scholar Link/ID	https://scholar.google.com/citations?user=K3msBNcAAAAJ&hl=en
Vidwan Link/ID	ID : 551911
Research Gate Link /ID	https://www.researchgate.net/profile/Mr-Mvengateshwaran
Scopus Link/ID	https://www.scopus.com/authid/detail.uri?authorId=5741949 9000