



FACULTY PROFILE ON WEBSITE

Faculty Name	Dr.Madhumala R Bagalatti	
Academic Designation	Professor and HoD, CSE- IoT, Cybersecurity including Blockchain	
Educational Qualification	B.E, M.Tech, PhD (Postdoc)	
Experience in Teaching & Industry	21 Years	
Date of Joining	18-04-2022	
Official Email ID	Dr.madhumala-cse@dsatm.edu.in	
Employee ID	180572	

Educational Details

- Ph.D. (Cloud Computing): 2016 – 2021, JAIN (Deemed to be University), Bangalore, INDIA
- M.Tech (Computer Science) - 2005-2007: Visvesvaraya technological university Belgaum, Karnataka, INDIA
- B.E (Computer Science and Engineering) -1999-2003: Visvesvaraya technological university Belgaum, Karnataka, INDIA

Professional Experience

1. **Dayananda Sagar Academy of Technology and Management- Bangalore**, Karnataka INDIA (April 2022 to Till Date) Professor – CSE-IoT Cybersecurity including Blockchain Technology
2. **JAIN UNIVERSITY: School of Engineering and Technology Bangalore**, INDIA (July2016 to March 2022) Faculty – Computer Science and Engineering Department
3. **Coorg Institute of Technology – Ponnampet, Karnataka**, INDIA (July 2011 to May 2016)
Head of the Department– Information Science and Engineering
4. **Karavali Institute of Technology – Mangalore, Karnataka**, INDIA (August 2008 to June 2011) Senior Lecturer – Computer Science and Engineering Department
5. **Don Bosco Institute of Technology – Bangalore, Karnataka**, INDIA (January 2008 to July 2008) Lecturer – Computer Science and Engineering Department

PUBLICATIONS AND PATENTS

JOURNAL PAPERS:

- [1].Madhumala, R. B., "A semantic driven model for extraction of text using TF-IDF, SFLA and XGBoost." *International Journal of Information Technology* 17.6 (2025): 3659-3664. **(Q1)**
- [2].Madhumala R B, Rashmi, S., Shahapure, N. H., (2025). A novel and hybrid wireless sensor network packet transmission framework based on optimal cluster head selection using NBO and JFOA. *International Journal of Information Technology*, 1-6. **(Q1)**
- [3].Sharma, S., Khanum, S., Madhumala, R. B., Maroju, A., & Aggarwal, S. (2025). Prioritization and meta-heuristic approach for efficient congestion control in vehicular ad hoc networks (VANETs). *International Journal of Information Technology*, 17(7), 4379-4387. **(Q1)**
- [4].Pendharkar, Arya Atul, R. B. Madhumala, and P. Poonamchand. "Blockchain and AI-Integrated Algorithmic Trading Framework for Cryptocurrencies." *Sustainable Developments in Computer Engineering, Green Technology and Smart Systems*. CRC Press, 2026. 914-917. **(Q4)**
- [5].Madhumala, R. B., Pranathi, N. S., Priya, P. U., & Bharti, S. (2026). Open Source API Firewall-Advanced Protection for REST and GraphQL. In *Sustainable Developments in Computer Engineering, Green Technology and Smart Systems* (pp. 776-780). CRC Press. **(Q4)**
- [6].Madhumala R B, Harshvardhan Tiwari and Devaraj Verma C, "A Reliable Framework for Virtual Machine Selection in Cloud Datacenter Using Particle Swarm Optimization", *International Journal of Mathematics and Computer Science*, AMS (MOS) Subject Classification: 68W50.ISSN 1814-0432, Volume16, Issue No. 2, PP: 677–685, 2020. **(Q3)**
- [7].Madhumala R B, Harshvardhan Tiwari and Devaraj Verma C, "Virtual Machine Placement Using Energy Efficient Particle Swarm Optimization in Cloud Datacenter" *Cybernetics And Information Technologies*. Volume 21, Issue No. 1, ISSN: 1314-4081, DOI: 10.2478/cait-2021-0005, 2021. **(Q2)**
- [8].Madhumala RB, S Chhetri, KC Akshatha, H Jain "Secure File Storage & Sharing on Cloud Using Cryptography". *IJCSMC*, 2021, 10(5), 49–59. <https://doi.org/10.47760/ijcsmc.2021.v10i05.005>
- [9].Madhumala R B, Harshvardhan Tiwari and Devaraj Verma C, "An Improved Virtual Machine Placement in Cloud Data Center using Particle Swarm Optimization Algorithm", *International Journal of Advanced Research in Engineering and Technology*, ISSN - 0976-6499, Volume 11, Issue No. 8, DOI: 10.34218/IJARET.11.8.2020.074, 2020.
- [10]. Madhumala R B, Harshvardhan Tiwari and Devaraj Verma C, "Hybrid Model for Virtual Machine Optimization in Cloud Data Center," 5th International Conference on Intelligent Computing and Control Systems (ICICCS), IEEE Xplore 2021, pp. 137-141, doi: 10.1109/ICICCS51141.2021.9432149.

- [11]. Madhumala R B, Harshvardhan Tiwari and Devaraj Verma C, "Resource Optimization in Cloud Computing using Particle Swarm Optimization", International Journal of Cloud Applications and Computing , IJCAC: Volume 12, Issue 2, Article 5. Special Issue Submission: Recent Advances in Computational Intelligence in Cloud Computing, Web of Science, eISSN: 2156-1826, IGI Publications. **(Q2)**
- [12]. Madhumala R B, Harshvardhan Tiwari, "Virtual Machine Optimization using Nature Inspired Algorithms" International Journal for Research in Applied Science & Engineering Technology , ISSN: 2321-9653; Volume 8 Issue I, Jan 2019.
- [13]. Madhumala R B and Harshvardhan Tiwari, "A Survey on Nature Inspired Algorithms for Virtual Machine Optimization", International Journal of Science and Research (IJSR) ISSN: 2319-7064, Volume 9, Issue No. 1, DOI: 10.21275/ART20203610, 2019.
- [14]. Madhumala R B "Enhancement of Lifetime Using Network Coding and Duty Cycle at Wireless Sensor Network", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 3 Issue VI, June 2015 IC Value: 13.98 ISSN: 2321-9653.
- [15]. Madhumala R B, Ravichandra YB, "A MapReduce Framework for an Effective Scheduler Based on the Job Size in Hadoop", International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 | Impact Factor (2013): 4.438
- [16]. Madhumala R B Rajashree S, Sunitha R, Madhumala R B, Rohini TV "A Secure Chatbot for Training a New Employee of an Organization", Journal For Basic Sciences-2023.
- [17]. Madhumala, R. B, *Sankalp, M R Foundations of Quantum Computing and Quantum Information Theory for Cybersecurity*. CRC Press, Taylor & Francis Group, 2026 (Under review)
- [18]. Madhumala, R. B, *Varsha J*, Post-Quantum Cryptography: Algorithms, Standards, and Migration Strategies, CRC Press, Taylor & Francis Group, 2026 (Under review)

CONFERENCE PROCEEDINGS:

- [19]. Madhumala R B, Harshvardhan Tiwari , "A Review on Cloud Computing Security Issues and Challenges", National Conference RACSIT-JAIN (Deemed-to-be University), DOI: <https://doi.org/10.5281/zenodo.572299>. 2017.
- [20]. Madhumala R B, Harshvardhan Tiwari, "Improved PSO for Optimizing Virtual Machine in Cloud datacenter", National Conference On Innovative Research Advances In Engineering Applications And Processes, Jyothy Institute of Technology 2020.
- [21]. Madhumala, R. B., Keerthana, C., Priyanka, S., Meghana, R., & Thanmai, Y. (2022, April). Smart Reminder SOS & Emergency Detection

Device. In 2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE) (pp. 1-4). IEEE.

- [22]. Utari, S. S., Madhumala, R. B., Haryanti, S. C., Rachmawati, U. A., & Atmoko, S. P. U. (2022, December). Enhancing Security on Indonesian E-health Cloud. In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-3). IEEE.
- [23]. Basavesha, D., Madhumala R B, Prashanth Venkatareddy, Sapna Kadakadiyavar, Piyush Kumar Pareek, and K. R. Surabhi. "Certain Electroencephalography Signal Analysis for Artifact Removal Using Multiwavelet Transform." In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), pp. 1-8. IEEE, 2022.
- [24]. Kumar, N., Nandihal, P., Madhumala, R. B., Pareek, P. K., Nikshepa, T., & Sowmya, S. R. (2022, December). A Novel Machine Learning-Based Artificial Voice Box. In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-7). IEEE.
- [25]. Kumar, N., Nikshepa, T., Pareek, P. K., Madhumala, R. B., & Sowmya, S. R. (2022, December). A Novel Transfer Learning Technique for Rice Leaf Disease Detection. In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-7). IEEE.
- [26]. Nandihal, P., Pareek, P. K., De Albuquerque, V. H. C., Madhumala, R. B., Khanna, A., & Kumar, V. S. (2022, December). Ant Colony Optimization based Medical Image Preservation and Segmentation. In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-7). IEEE.
- [27]. Kumar, V. S., Pareek, P. K., De Albuquerque, V. H. C., Khanna, A., Gupta, D., & Madhumala, R. B. (2022, December). Multimodal Sentiment Analysis using Kernel Based Support Vector Machine. In 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-8). IEEE.
- [28]. Utari, S. S., Madhumala, R. B., Haryanti, S. C., Rachmawati, U. A., & Atmoko, S. P. U. (2022, December). Enhancing Security on Indonesian E-health Cloud. In 2022 Second International Conference on Advanced Technologies in

Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 1-3). IEEE.

- [29]. Vats, A., Pande, S., Mishra, S., Madhumala, R.B., Sobti, R., Kumar, B.V. (2024). Assessment of Fog Computing Deployment in Healthcare Zone. In: Hassanien, A.E., Anand, S., Jaiswal, A., Kumar, P. (eds) Innovative Computing and Communications. ICICC 2024. Lecture Notes in Networks and Systems, vol 1021. Springer, Singapore. https://doi.org/10.1007/978-981-97-3591-4_32
- [30]. Madhumala RB, Chandra Kanta Samal, Abhilash Maraju, Biswajit Brahma, Saurabh Aggarwal, Mohammad, Ayaan Parvez "Utilization of blockchain technology in designing an efficient healthcare system", Lecture Notes in Networks and Systems (Springer Conference - ICCCNNet – 2025).
- [31]. Biswajit Brahma, Saurabh Aggarwal, Bhavya khanna, Madhumala RB, Rachit Garg, Abhilash Maraju "Performance Exploration of ML Classifiers for Wind Power Forecasting" , Lecture Notes in Networks and Systems (Springer Conference- ICCCNNet – 2025).
- [32]. Rachit Garg, Biswajit Brahma, Abhilash Maraju, Madhumala RB, Saurabh Aggarwal, Bhavya Khanna "A Dual ML Framework for Automatic Speech Emotion Recognition", Lecture Notes in Networks and Systems (Springer Conference- ICCCNNet – 2025).
- [33]. Abhilash Maraju, Madhumala RB, Rachit Garg, Biswajit Brahma, Saurabh Aggarwal, Bhavya Khanna "A framework to detect anomalies in cloud using semantics and deep learning", , Lecture Notes in Networks and Systems (Springer Conference- ICCCNNet – 2025). <https://icccn.co.uk/> (17-18th October 2024 at Manchester Metropolitan University, United Kingdom)
- [34]. Madhumala, R. B., Inchara, K. P., Harish, K (2025, September). Dynamic Ransomware Threat Detection in MySQL Using Behavioural Profiling and Query Analytics. In 2025 First International Conference on Intelligent Computing and Communication Systems (CICCS) (pp. 1-6). IEEE.
- [35]. Madhumala, R. B., Sangeetha, G., Ch, K., Karthik, P. B., Sreehith, G (2025, August). A Perspective View of Node Security Shield for Node. js Applications. In 2025 IEEE Madhya Pradesh Section Conference (MPCON) (pp. 480-485). IEEE.
- [36]. Madhumala RB, KR, Lathakumari, Durga Bramarambika Sailaja Varri, Mayank Atreya and Sunil Khemka. "Pearson Correlation Coefficient and Agglomerative Clustering with Gated Recurrent Unit Integrated with Linear Attention for Cyber-Physical Control and Monitoring System in Next-Generation Industrial Systems." In 2025 2nd International Conference on Software, Systems and Information Technology (SSITCON), pp. 1-6. IEEE, 2025.
- [37]. Madhumala RB, Kulkarni, M. S. Shashi Vadhan and M. Mustaneer Nabeel, "AI-Based Intrusion Detection System," 2026 4th International Conference on Knowledge Engineering and Communication Systems (ICKECS), CHICKABALLAPURA, India, 2026, pp. 1-7, doi: 10.1109/ICKECS70176.2026.11527520.
- [38]. Madhumala RB and V. R. Srihari, "Semantic Analysis and Knowledge-based Approach for Identifying right sense on Kannada text," 2026 4th International Conference on Knowledge Engineering and Communication

Systems (ICKECS), CHICKABALLAPURA, India, 2026, pp. 1-6, doi: 10.1109/ICKECS70176.2026.11527541.

- [39]. Madhumala RB, "Smart Wear IoT: Low-Latency Gesture Recognition for Hands-Free Last-Mile Delivery," *2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS)*, Kalaburagi, India, 2005, pp. 1-7, doi: 10.1109/ICIICS67880.2026.11483405.
- [40]. Madhumala RB, "Real-Time Vehicular Air Pollution Monitoring Using an Edge-Enabled ESP32 Iot Framework," *2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS)*, Kalaburagi, India, 2005, pp. 1-6, doi: 10.1109/ICIICS67880.2026.11483540.
- [41]. Madhumala RB, "Hybrid-TPR-ABE: a Blockchain-Enabled Verifiable Framework with Differential Privacy for Secure Healthcare IoT Analytics," *2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS)*, Kalaburagi, India, 2005, pp. 1-7, doi: 10.1109/ICIICS67880.2026.11483552.
- [42]. Madhumala RB, Samuel, S. G. Yaplar, S. V. and V. S. Paul, "AgriBot: An LLM-Guided IoT System for Real-Time Soil Monitoring and Irrigation Advice," *2026 Sixth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT)*, Bhilai, India, 2026, pp. 1-6, doi: 10.1109/ICAECT68478.2026.11426073.

BOOK CHAPTERS:

- [43]. Madhumala R.B., Tiwari H. (2020) Analysis of Virtual Machine Placement and Optimization Using Swarm Intelligence Algorithms. In: Haldorai A., Ramu A., Khan S. (eds) *Business Intelligence for Enterprise Internet of Things*. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-44407-5_9.
- [44]. Madhumala R B, HarshvardhanTiwari and DevarajVerma C (2022) A Review of Particle Swarm Optimization in Cloud Computing. In: Moh M., Sharma K.P., Agrawal R., Garcia Diaz V. (eds) *Smart IoT for Research and Industry*. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-71485-7_5.
- [45]. Vineetha B., Madhumala R.B. (2021) Providing Security and Managing Quality Through Machine Learning Techniques for an Image Processing Model in the Industrial Internet of Things. In: Moh M., Sharma K.P., Agrawal R., Garcia Diaz V. (eds) *Smart IoT for Research and Industry*. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-71485-7_10.
- [46]. Madhumala R B, HarshvardhanTiwari, "Virtual Machine Selection Optimization Using Nature-Inspired Algorithms" *Applied Soft Computing: Techniques and Applications*, 2021 Apple Academic Press.

- [47]. Madhumala R B, Leo John, Rojalini Patro, S. Padmakala "E-Mobility as a Service and Its Economic Impact: Regulations, Policies, Governance, and Best Practices in E-Mobility Ecosystems", IGI Publications. DOI: 10.4018/979-8-3693-2611-4.ch003, 2024.
- [48]. Shalini, S., S. Sheela, Shabeen Taj, and Madhumala R. Bagalatti. "Vulnerabilities in Internet of Things and Their Mitigation with SDN and Other Techniques." In *Secure Communication in Internet of Things*, pp. 279-288. CRC Press, 2024.

PATENTS:

- [1]. Digital Exposure Investigation in Real-Time IoT Devices Leveraging Deep Learning to Diagnose Static Breach Vulnerabilities (202341014329)
- [2]. Flipper Heels (202441093448)
- [3]. Hybrid Phone Charger Integrating Solar and Kinetic Energies **(202441093431)**
- [4]. Nano Bacterial Anti-Ceramic Water Filter **(419918-001-Cbr 210278)**
- [5]. Cloud-Based Social Virtual Reality Iot Network with Device Synchronisation Between the Real and Virtual Worlds **(202441098998)**
- [6]. Artificial Intelligence Driven Portfolio Management System **(202441036582)**
- [7]. Developing Leadership and Management Acumen for Organizational Growth **(202521041589)**
- [8]. The Impact of Innovative Financial Technologies on Conventional Banking **(202541073834)**
- [9]. Passwordless Multi-Entity Authentication for Microservices: A Kerberos-Inspired, Short-Lived, Capability-Ticket System for Service-To-Service Auth with Hardware-Bound Attestation and Replay-Proof Session Resumption **(202541127775)**
- [10]. Adaptive Quality of Service Management System for Heterogeneous Internet of Things Networks **(202541127774)**
- [11]. Ethical and responsible ai: bias mitigation and fairness in machine learning models **(202641055630)**
- [12]. Reinforcement learning for autonomous decision-making in dynamic environments **(202641055631)**
- [13]. Ai-driven predictive analytics for smart healthcare systems **(202641055633)**
- [14]. Deep learning architectures for real-time object detection and recognition **(202641055635)**
- [15]. A system and method for explainable artificial intelligence for transparent decision-making **(202641055636)**
- [16]. A federated learning system and method for privacy-preserving distributed artificial intelligence mo **(202641055639)**

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Professional Affiliations

1. Member of International Association of Engineers (**IAENG - 155770**).
2. Member of IEEE society (**IEEE - 98357338**)
3. Member of Computer society of India, Karnataka, India. (**CSI-F8003582**)
4. Member of International Association of Computer Science and Information Technology (**IACSIT- 80350762**).
5. **Toycathon-2021** Member of Evaluator sponsored by MHRD-INDIA, Ministry of Education, Ministry of Child and Development and Ministry of Education and Innovations cell.
(<https://toycathon.mic.gov.in/>)
6. **Session Chair at IEEE** International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2022), Ballari Institute of Technology and Management, Ballari April 2022.
7. Session Chair at IEEE International Conference on Data Science and Information Systems (ICDSIS-2022), Malnad College of Engineering-Hassan JULY 2022.
8. Session Chair at IEEE International Conference on Engineering Innovation (ICEI-2022) JAIN Institute of Technology, Davanagere June 2022.
9. Session Chair at IEEE MysuruCon-2022 hosted by JSS Science and Technology University, Mysuru October 2022.
10. Reviewer for IEEE Mysore Subsection, flagship Conference October 2022
11. Reviewer for Springer Nature and IGI Publications.
12. Member of the Board of Reviewer Personal and Ubiquitous Computing, Springer Nature.
- <https://www.springer.com/journal/779>
13. Scientific and Technical Committee and Editorial Board Member, World Academy of Science, Engineering and Technology (WASET) U.S (www.waset.org)
14. Member of the Board of Reviewer for the “ International Journal of Computer Science and Engineering ”(<http://www.iaset.us>)
15. Reviewer for African Journal of Bio technology (DOI: 10.5897/AJB), Academic Journals (AJ) - <https://academicjournals.org/journal/AJB>.
16. Reviewer for Multimedia Tools and Applications-<https://www.springer.com/journal/11042>
17. Reviewer for Distributed and Parallel Databases-<https://www.springer.com/journal/10619>
18. Reviewer for International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020- <https://www.icstcee-conference.org/>) Reva University.
19. International Conference on Emerging Trends in Science, Engineering and Management-2021 (ICETSEM-2021) - Scientific Committee Member -<https://icetsem.net/scientific-committee.php>
20. International Conference on Futuristic Trends in Embedded Systems and Networking (ICFTEN 2021) – Reviewer and Scientific Committee Member<https://icften.com/scientific-committee.php>
21. International Conference on Emerging Electrical Systems and Control -2021 (ICEESC-2021)- Scientific Committee Member <https://iceesc.com/scientific-committee.php>

Research Profile

Research Supervisor – 1. Visvesvaraya technological university Belgaum, Karnataka (VTU)

Currently guiding 5 research scholars.

2. Dayananda Sagar University (DSU), Bangalore, Karnataka

Currently guiding 2 research scholars.

Academic Activity

- Serving as **Chairperson of the Board of Studies (BoS) and Board of Examiners (BoE)** since **February 2025**.
- Mentored students through **Project-Based Learning (PBL)** and **Information and Communication Technology (ICT)-enabled learning** initiatives.
- Contributed to university examination activities, including **question paper setting, evaluation**, and assessment.
- Appointed as a **Question Paper Setter** for both **DSATM Autonomous** and **VTU** examinations.
- Served as a **Resource Person** for the **Tech Cohere–Infosys Women in Engineering Programme**.
- Delivered a **Keynote Address** on **Intellectual Property Rights (IPR)** at D. Y. Patil College of Engineering and Technology, Maharashtra.
- Served as a **Reviewer** for the **Smart India Hackathon** at the M. S. Ramaiah Regional Centre.
- Served as an **Evaluator** for the **Toycathon** organized by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India.
- Participated in the **AI Technical Summit** at the **Indian Institute of Science (IISc), Bengaluru**.
- Attended the **DataGrid** event at the **Indian Institute of Science (IISc), Bengaluru**.
- Appointed as **M.Tech. and Ph.D. Thesis Evaluator** under **Visvesvaraya Technological University (VTU)**.
- Served as an **International Conference Session Chair** at **London Metropolitan University, United Kingdom**.
- Served as an **International Conference Session Chair** at an international conference held in the **Czech Republic, Europe**.
- Served as **Member Convener** and coordinated **Research Cell** activities, including the **IPR Awareness Programme** sponsored by the **Ministry of Education (formerly MHRD), Government of India**, in October 2022.
- Served as **Public Relations Officer (PRO)** during 2022–2023, coordinating academic and cultural activities and managing institutional outreach through leading newspapers, television channels, and social media platforms.
- Successfully organized an **International Project Competition** in June 2022.
- Coordinated institutional activities related to **NAAC** and **NBA** accreditation.
- Initiated and facilitated an **International Academic Memorandum of Understanding (MoU)** with **YARSI University, Indonesia**.
- Served as a **Member of the Board of Studies (BoS)** for autonomous academic programmes.

- Organized the **Cyber Safe Campus** institutional awareness programme in association with **AICTE** and the **Ministry of Education, Government of India**, in August 2022.
- Served as a **Member of the Internal Academic Peer Committee**.
- As a **Senior IEEE Member**, organized an **International Conference** in association with IEEE with financial support from **AICTE, Government of India**, in December 2022.
- Undertook consultancy assignments for **AYURBOT, Sri Sri Ayurveda Hospital (Art of Living), Bengaluru**, and **Sumeru Digital Solutions**.
- Submitted project proposals for **AICTE ATAL Faculty Development Programme (FDP)** on **Big Data Applications** and **VGST** funding on **Text Mining**.

Faculty Development Activity/Workshops/Certifications

1. Azure for Architects: Design a Migration Strategy in JAN 2025.
2. AWS Cloud Formation for Beginners in May 2024
3. Amazon Web Services: Data Services June 2024
4. IoT Foundations: Standards and Ecosystems in July 2025.
5. ProtoPie for UX Design November 2025.
6. Artificial Intelligence Foundations: Machine Learning March 2024
7. Cloud Security Concepts: Services and Compliance March 2024

Contact Details

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