

Faculty Profile

Dr.Mohanaradhya completed Ph.D. from VTU in the year 2018, MCA from IGNOU and has secured 5th Rank in Post diploma in Digital Communication Engineering from LRDE a defense organization. Having experience of more than 18 years in teaching at Pre-University level to Master degree. Currently working as Assistant Professor in the department of Master of Computer Applications at RV College of Engineering, Bengaluru. Presented and published research papers in International Journals and Conferences.

Faculty Photo

Personal Information

- **Name:** Dr.MOHANARADHYA
- **Designation:** Assistant Professor
- **Department:** Master of Computer Applications
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- **Phone:**080-68188171

Google Scholar:<https://scholar.google.com/citations?hl=en&user=xD0pKNkAAAAJ>

Linkedin : <https://in.linkedin.com/in/mohan-aradhya-b606a789>

Domain of Expertise

Research Focus

- **Primary Area:** Computer Networks
- **Allied Areas:**
 - Cyber security
 - Cloud Computing

Academic Qualifications

- **Ph.D.:** Computer & Information Sciences, Visvesvaraya Technological University, 2018, “A Novel Approach for Efficient Utilization of Resources to Optimize the Performance of WSN”
- **MCA:** Computer Applications, IGNOU, 2005
- **BCA:** Computer Applications, IGNOU,2003

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College of Engineering	Assistant Professor	17-01-2007 – Present
2.	PES Institute of Technology	Lecturer	August 2006 to January 2007
3.	RV College of Engineering	Assistant Instructor	December 1999 to August 2006

Publications & Patents

Journal Publications

1. Mohanaradhya, Sumithra Devi K. A, “Lifespan Enhancement of Wireless Sensor Network (WSN) through Residual Energy Balancing and Uniform Distribution of Cluster Nodes” Indian Journal of Science and Technology”, Vol 9(43), DOI: 10.17485/i-jst/2016/v9i44/104389, November 2016, ISSN (Print) : 0974-6846, ISSN (Online) : 0974-5645. (Scopus).
2. Mohanaradhya, Sumithra Devi K.A, Andhe Dharani — “Distance Based Cluster Head Section In Sensor Networks For Efficient Energy Utilization”, International Journal of Advanced Research in Engineering and Technology(IJARET), Volume 4, Issue 1, ISSN: 0976-6480(print), ISSN: 0976-6499(On line) , Jan-Feb 2013, PP 52-58.
3. Shreepad Bilkar, Dr. Mohan Aradhya, “Effective vehicle number plate recognition using Open CV Process”, International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 7 July 2022, pp: 920-924.

Conference Papers

1. Dr.Mohanaradhya,Mohan K H, Kiran R, “Smart Cities and Cyber security Challenges”, International Conference on Managing and Disrupting Businesses in the Era of Artificial Intelligence [ICMBAI-25] held on 26-28th February-2025
2. Sadath Hussain, Dr.Mohanaradhya, ““Big Data Integration & Transformation: A Comparative Analysis of SnapLogic and AWS Glue”, Proceeding of 8th International IEEE Conferences on 'Computational Systems and Information Technology for Sustainable Solutions [CSITSS — 2024] held on 7-9th Nov-2024.
3. Mohanaradhya, Sumithra Devi K. A , “Novel Approaches to Enhance Wireless Sensor Network Life time by Even Distribution of Cluster Heads and Avoiding Redundant Data,” proceedings of 1st international conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) on 19-20 March 2019. DOI: 10.1109/ICATIECE45860.2019
4. Mohanaradhya , Sumithra Devi K.A, “WSN Lifetime Enhancement through Residual energy balancing by Avoiding Redundant Data Transmission”, Proceedings of the International Conference Advances in Computing, Control & Telecommunication Technologies (ACT-2015). Computation

and Communication Technologies, De Gruyter 2016, Pages: 73–83, ISBN (Online): 9783110450101, DOI (Chapter): 10.1515/9783110450101-009, DOI (Book): 10.1515/9783110450101

5. Mohanaradhya, Sumithra Devi K.A, Andhe Dharani, Vijay Singh — “Survey on Energy Enhancing Techniques in Sensor Networks”, International Conference on Future Computing (ICFC 2012) -20-22 December 2012, Bangalore.
6. Mohanaradhya, Sumithra Devi K.A, Andhe Dharani, Vijay Singh, “Clustering Methodologies and their implications in sensor Networks” 3rd International Conference on Advances in Communication Network and Computing. CNC-12 Organized by ACEEE at Chennai from 24th to 25th Feb-2012

Professional Memberships

- Life member of ISTE

Student Supervision

- MCA Students: 8

Teaching

Core Courses: [Current semester]

- MCA224B4 Cloud Computing

Advanced/Lab Courses:

- [e.g., *Mechatronics Lab, Advanced Structural Analysis*]

Professional Roles

Responsibilities

- **Academic:** Department BoS and BoE Coordinator
- **Administrative:** Cloud Computing Lab In-charge

External Connect

- BoE Member, Dept. of MCA, BMS College of Engineering 2024-26
- BoE Member, Dept. of MCA VTU, Belagavi, 2023-24
- BoE Member, Dept. of MCA, BMS College of Engineering, 2021-23

Projects

Number of UG Projects Guided	Number of PG Projects Guided	No. of Doctorate Students	
NA	108	Completed	In Progress
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Publications

National Journals	National Conferences	International Journals	International Conferences	Book Chapters Published	Patent Granted
01	NA	03	05	NA	NA