

Faculty Profile

My name is **B.H.Chandrashekar** and I am an Associate Professor, in Master of Computer Applications Department at R.V.College of Engineering, Bengaluru. I am a Life Member of Indian Society for Technical Education and Computer Society of India. I have completed my Ph.D in Computer Science & Engineering in 2017, Master of Philosophy in Computer Science in 2008, Master of Computer Applications in 2004 and Bachelor of Computer Applications in 2023. My major field of interest is Information Retrieval, Internet of Things, Data Science and Databases.

Faculty Photo

I have been working in R.V.College of Engineering in various capacities from past 35 Years and currently working as Associate Professor. I have published 4 International Conference Papers and 6 Journal Papers. I was associated with the RV College Website development team. Being a member of CISCO-RVCE IoT center of Excellence, have contributed in sharing my knowledge in training students of Undergraduates, Post Graduates, Corporate Employees and also involved in consultation for Industries for providing IoT Software Development and its services.

Personal Information

- **Name:**B.H.CHANDRASHEKAR
- **Designation:** Associate Professor
- **Department:** Master of Computer Applications
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Google Scholar

<https://scholar.google.com/citations?user=kxTi34QAAAAJ&hl=en>

ResearchGate : https://www.researchgate.net/profile/Chandrashekar-Bh-2?ev=hdr_xprf

LinkedIn: www.linkedin.com/in/chandrashekarbh3009

ORCID: <https://orcid.org/0000-0001-6668-5434>

Domain of Expertise

Research Focus

- **Primary Area:** Information Retrieval, Internet of Things, Data Science

Academic Qualifications

- **Ph.D.:** Computer Science , Avinashilingam University , **2017**
- **M.Phil:** Computer Science, Alagappa University, 2008
- **M.C.A.:** Computer Applications,Indira Gandhi Open University, 2004

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1	R.V.College of Engineering	Lecturer	2005 to 2010
2	R.V.College of Engineering	Assistant Professor	2010 to 2013
3	R.V.College of Engineering	Associate Professor	2013 – till Date

Publications & Patents

Journal Publications

1. Dr. Vishal C , Dr. Chandrashekar BH , Dr.Mohan Aradhya, Dr. Andhe Dharani , “Impact of Free and Open Source Software on Society", Paper Id: GRJ/4608, ISSN:0363-8057, Gradiva Review Journal, Page:366-374, Volume 9, Issue 1, January 2023
2. Dr. Chandrashekar BH, Dr. Vishal C, “Livestock Management Application through Internet of Things” Paper number: 1573 Accepted in International Journal of Mechanical Engineering published by Kalahari Journals ISSN: 0974-5823 ,, Volume-7 Issue-1 Jan 2022
3. Dr. Vishal C, Dr. Chandrashekar BH, “Efficient Techniques for Analysing Real-Time Text Data Using Sentiment Analysis”, International Journal of Mechanical Engineering published by Kalahari Journals ISSN: 0974-5823 ,Volume-7 Issue-1 Jan 2022
4. Mr. Vishal C , Mr Chandra Shekar, "An efficient clustering technique for classification of twitter data for data accuracy using sentimental analysis", Journal of Inovative Research in Science and Engineering (IJIRSE), , Vol-2, Issue-09, September- 2016, Page.No 414-419. ISSN-2454-9665
5. B.H.Chandrashekar, Dr. Shobha. G. “Classification Of Documents Using Kohonen’s Self-Organizing Map”, International Journal of Computer Theory and Engineering (IJCTE), Vol 1. No 5, Dec 2009, pp. 605
6. B.H.Chandrashekar, Dr. Shoba.G. “An Efficient Client WebCrawler”, International Journal of Computing and Mathematical Applications (IJCMA) [ISSN:0974-4312], Volume 2, Number 1-2, January-December 2008, Page 133-141.

Conference Papers

1. S.Jinapriya, B.H.Chandrashekar, “Adoption of Network Function Virtualization Technology in Education”, Expert Clouds and Applicaitons 9(ICOECA 2022) ,pp19-31,
2. B.H.Chandrashekar, Dr. Shobha. G. “ A Novel Intelligent Agent for Efficient Internet Searching“, International Conference on Cloud Computing and Servcie Engineering” (CLUSE-2012),, RRCE, Banaglore, India, April 11th to 13th 2012, Page 464-468
3. Satish H.T, B.H.Chandrashekar, “CLIR Using Genetic Algorithm Approach for Myraid of Lanauge”, International Conference on Cloud Computing and Servcie Engineering” (CLUSE-2012), RRCE,

Banaglore, India., April 11th to 13th 2012, Page 428-434

4. B.H.Chandrashekar, Dr. Shobha. G. “Semantic Domain Specific Search Engine”, 2nd International Conference on Computer and Automation Engineering (ICCAE 2010), Singapore, 2010, February 26 – 28, Page 669-672

Patents [Granted]

1. “Method, System and Apparatus for Location-Based Seat Reservation and Status Display” – Published – 2019-20 Patent/Publication number: 37/2020-40455, App No: 201941009038, Granted

R & D Grants & Consultancy Projects Ongoing & Completed Research Projects

- [Project Title]– Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].
- [Project Title]– Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].

Ongoing & Completed Consultancy Projects Ongoing Consultancy Projects

- e-NoSens: An IoT based Smart and Portable Sensor Device for Rapid Detection of Meat Spoilage”, BioSouk-Life Sciences LLP, Role: Co - PI
- IoT Platform for Multiple Bio Gas plant Monitoring, Ongoing Greeneria Renewable Technologies Pvt Ltd, Role: Co - PI
- Live Stock Management S/W with IoT Based Automated Weighscale Hardware Integration, Profive Infotech, Bengaluru, Role: Co - PI
- Precision Agriculture App for Automation of Irrigation and Fertigation in Arecanut Farms, BSOL Systems Pvt Ltd, Role: Co - PI

Completed Consultancy Projects

- IoT Integration for Special Purpose Manufacturing Equipment for Production Monitoring,
- Thayne Automation, Role: Co - PI
- Subject Matter Expert (SME) and Instructor for Internet of Things (IoT), upGrad Education Pvt Ltd., Bengaluru, Duration: 1st June - 31st December 2022, Role: PI
- Development of Bluetooth Simulator, ASM Technologies Limited, Role: Co - PI
- Ethernet Connectivity for Annunciator and Energy Meter, EAPL, June 2023, Role: Co-PI
- Computer Hardware Maintenance for Women, Department of Science and Technology: Technology-based Entrepreneurship Development Program [TEDP],6 Weeks,2007, Completed, Role: PI

Professional Memberships

- Life Member of Indian Society for Technical Education LM33396
- Life Member of Computer Society of India – 00088333

Awards & Recognitions

- Certification of Appreciation on Completion of PhD , ISTE Chapter, RVCE @Teachers Day Celebrations, 2017
- Recognition of Achieving Excellence in Education, Rastriya Sikshana Samithi Trust, 2010
- Faculty Ambassador- The Great Mind Challenge, IBM Academic Initiative towards IBM Software and Open Source, 2006

Student Supervision

- Ph.D. Candidates: 05 (Pursuing)
- M.C.A. Students: 150

Professional Roles

- Editorial Board:
 -
- Chair/Committee Member:
 - IEEE Conferences Reviewer for many Engineering colleges
 - Coordinated for CSITSS- 2023,2022,2021,2019
 - Web chair and Reviewer for ICOECA 2023, 2024
 - Web Chair for ICOECA 2025

Teaching

Core Courses: [Current semester]

- MCA223TB - Agile Software Development

Advanced/Lab Courses:

- Internet of Things Laboratory

Professional Roles Responsibilities

- **Academic:**
 - Academic Monitoring Committee member
 - Academic Advisory Committee member
 - Student I.T.Forum
 - Course Coordinator
- **Administrative:**
 - Sports Committee Member
 - Budget Committee
 - Class Coordinator

External Connect

- Member of BoE
 - MCA Department, PES College of Engineering, Mandya
 - Department of Computer Applications, The National Degree College, Jayanagar
- Conducted Webinars/Workshops/ Talks
 - Guest Speaker at the Webinar on "SIMSTRONICS IoT Fundamentals" organised by Dept. of Computer Science in association with IQAC for o BCA students held on 5th Jan.2022
 - Resource Person for talk on “RECENT TRENDS IN IOT” organized by MCA Department with IT club TECH TITANS, St. Francis College, Koramangala, on 21st August 2023

Projects

Number of UG Projects Guided	Number of PG Projects Guided	No. of Doctorate Students	
		Completed	In Progress
		00	05
NA	114		

Publications

National Journals	National Conferences	International Journals	International Conferences	Book Chapters Published	Patent Granted
NA	10	04	02	NA	01