



## Personal Information

Name: **Dr. Ramesh B**

Address: Professor and Coordinator(LO)  
Department of Computer Science and Engineering  
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**Educational Qualification: B.E. (CSE), M.Tech(CSE), Ph.D. (CSE)**

**Academic Position Held :** Professor and Coordinator(LO),  
Department of CS&E

### Research Interest / Area of Interest

Computer Networks, Multimedia Computing, Mobile AdHoc Networks, Cloud Computing, Data Analytics and Network Security and Cyber Law.

## Representative Publications

**Total No. of publications: 122**

- **International Journals: 65**
- **International Conferences: 35**
- **National Conferences: 22**

# Honors and Awards

1. “Eminent Engineer” Award-2018 by The Institution of Engineers (India), Engineering Professional Society, Karnataka State Center.



2. Best paper award for the Session for the Paper “A Swarm based adaptive Routing Protocol for real time transmission in Mobile ad hoc Networks”, at National Conference on Communication and Signal Processing, Eclectic’08, held at SRM University, Ramapuram, Chennai, India, April 3-4 2008.
3. The Best Citizens of India Award 2013, The international Publishing House.

## Member of Professional Bodies

- Life Member: Indian Society for Technical Education (ISTE), LM-14468
- Fellow: Institute of Engineers ,FIE, F-132265-0

## Doctoral Research Scholars Successfully Guided

Name of the Programme	Awarded (No) ( Under-Progress not be included)
Ph.D. under VTU Belagavi	SEVEN

Details about Ph.D. Research Candidates: Awarded and Thesis Submitted				
SN	Name of Research Scholar	Status	University & Year	Research Title
1.	Mr. Sridhar S B	Awarded	VTU, Belagavi 2017	Efficient routing techniques for power optimization in mobile ad hoc networks
2.	Mr. Manu A S	Awarded	VTU, Belagavi Feb 2020	Recommendation Models for Big Data Analysis Using Multi-criteria and Hybrid Collaborative Filter
3.	Mr. Gururaj H L	Awarded	VTU, Belagavi Feb 2020	QOS aware TCP congestion control variants for processing multimedia data in mobile ADHoc networks

4.	Ms. Srividya R	Awarded	VTU, Belagavi August 2020	Secure Data Mobility for MANET Routing Protocols Using Authentication Techniques
5.	Mr. Raghavendra K	Awarded	VTU, Belagavi June 2022	On Secure SaaS in a Cloud environment using Authorization Authentication and Accounting
6.	Mrs. Kavyasri M N	Awarded	VTU, Belagavi 01 August 2023	An Optimization and Secure Techniques For Accessing Multimedia Data at Data Centres of Cloud.
7.	Mrs. Pushpalatha S	Awarded	VTU, Belagavi 11 August 2023	Optimization Technique for Power Consumption Based on workload prediction Gratifying SLA in Cloud Computing

## PUBLISHED A RESEARCH ARTICLE FOR PATENT

**Title of the patent: "RECOMMENDATION MODELS FOR BIG DATA ANALYSIS USING MULTI-CRITERIA AND HYBRID COLLABORATIVE FILTER"**

Application No	Date of filing of Application	Publication Date	The Patent Office Journal No
202041048855 A	09/11/2020	13/11/2020	46/2020; Dated 13/11/2020

### Name of Inventors

- **Dr. Manu M N & Dr. Ramesh B**
- **Dr. Gururaj H L & Dr. Chandrika J**
- **Dr. Srividya R & Dr. Pushpalatha R**

### Other Achievements

- Has a **teaching experience of 26 years** and Headed the department from July, 2013 to August 2016, Also, worked as **Dean (Liason Officer)** at MCE.
- Woked as Special Officer of VTU e-Learning centre, Mysore and VTU Studio, Bangalore, from Feb. 2011 to July 2013.
- Coordinator for Implementing NPTEL Project under NMEICT/MHRD Govt. of India.
- Resource person and coordinator for VTU and VCU-USA Collaboration for Education programs.
- Coordinated and Conducted Workshop on Research Methodologies & Latex for Research Scholars of VTU

- Represented as Coordinator for Implementing VPN from VTU under NMEICT-BSNL meeting held in Chennai.
- Acted as BOE member for VTU in CSE/MCA Board.
- Acted as BOE member for Autonomous institutes (MCE,SJCE,PESCE) in CSE/MCA Board.
- Appointed as BOS nominee for PESCE, Mandya from VTU, Belgaum
- Coordinated many Faculty Advisory Board meeting for EDUSAT programme of VTU
- Coordinated Advisory Board meeting, Experts committee meeting of VTU
- Coordinated and participated in BOS chairman/FAB Meeting for Edusat Programmes of VTU.
- Acted as chairperson for Conferences
- Extensively involved in teachers training, soft skill for students and teachers, conducting workshops in self development.
- **Presently guiding** 4 Ph.D. registrants under VTU.
- Served as **Coordinator and Subject-expert** for the subject *Computer Networks* through the prestigious *EDUSAT based e-Learning programme of VTU*
- Serving as **Reviewer** for International Journal of Communication Systems
- **Coordinated** 9 workshops, participated in 8 Short term Training Programs and Curriculum development workshops.
- Participated as an **Invited speaker/Resource person** in 3 workshops/FDP.
- **Visits Abroad:** Visited Malaysia for Technical Paper presentation in the International Conference on Network and Mobile Computing (NM2006), 28-29 August 2006.

## Additional Information

- Program Committee Chair of National Conference on Multimedia Technology and Communication Systems (NCMTCS-14) organized by department of Computer Science and Engineering, MCE, Hassan held on May 5<sup>th</sup> and 6<sup>th</sup> 2014.



- Program Committee Chair of Second National Conference on Multimedia Technology and Communication Systems (NCMTCS-15) organized by department of Computer Science and Engineering, MCE, Hassan held on May 8th and 9th 2015.
- Program Committee Chair of Third National Conference on Multimedia Technology and Communication Systems (NCMTCS-17) organized by department of Computer Science and Engineering, MCE, Hassan held on March 17<sup>th</sup> and 18<sup>th</sup> 2017
- Program Committee Chair of Fourth National Conference on Multimedia Technology and Communication Systems (NCMTCS-18) organized by department of Computer Science and Engineering, MCE, Hassan held on May 18<sup>th</sup> and 19<sup>th</sup> 2018.
- Program Committee Chair of Fifth National Conference on Multimedia Technology and Communication Systems (NCMTCS-19) organized by department of Computer Science and Engineering, MCE, Hassan held on May 10<sup>th</sup> and 11<sup>th</sup> 2019.

