

CURRICULUM VITAE

Dr. B. Ramesh

Professor and Special Officer,
Visvesvaraya Technological University,
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Profile

Total 20+ Years of Experience in Teaching, Research and Development. Has experience in various environments like Network Simulator, UNIX/Linux, Windows, skilled in C, C++ and C# and .NET. The responsibilities include teaching & guiding Ph.D/Undergraduate/Postgraduate students, conducting training Programme's on the Networks and Research Methodologies and Latex for Research Scholars and the Hardware related Computer Courses. I am currently working as Special Officer, VTU e-Learning Centre, Mysore-570 019, INDIA.

Education

- ❖ **Course: Ph.D. in Computer Science and Engineering**
University: Anna University, Chennai-25
Period: 2006-2009.
- ❖ **Course: M.Tech. in Computer Science and Engineering**
University: Devi Ahalya Viswhavidyalaya, Indore, MP.
Period: 1993-1995. Percentage: 76.6%
Result: First Class with Distinction.
- ❖ **Course: B.E. in Computer Science and Engineering**
University: University of Mysore, Mysore.
Period: 1987-1991. Percentage: 63%
Result: First Class.

Employment History

Teaching and Administration Experience:

From February 2011 - till date: Special Officer and Professor, Visvesvaraya Technological University, e-Learning Centre, Hanchya, Sathagalli Layout, Outer Ring Road, Karnataka, Mysore – 570 019, India.

From March 2010 - February 2011: Professor, Department of MCA/Computer Science and Engg., Malnad College of Engineering, Hassan, Affiliated to Visvesvaraya Technological University, Belgaum, INDIA.

From 12-12-1997 – March 2010: Asst. Professor, Department of Computer Science and Engg, Malnad College of Engineering, Hassan, Affiliated to Visvesvaraya Technological University, Belgaum, INDIA

From 12-12-1997 – 24-03-2000: Lecturer, Department of Computer Science and Engg, Malnad College of Engineering, Hassan, Affiliated to Visvesvaraya Technological University, Belgaum, INDIA

01-05-1992 to 11-12-1997: Lecturer, Department of Computer Science and Engineering, Adichunchanagiri Institute of Technology, Chikmagalur, affiliated to University of Mysore, Mysore/Kuvempu University, Shimoga, INDIA

Other Academic and Administrative Activities

- Currently administrating as Special Officer of VTU e-Learning centre, Mysore and VTU Studio, Bangalore
- Coordinator for Implementing NPTEL Project under NMEICT/MHRD Govt. of India.
- Resource person and coordinator for VTU and VCU-USA Collaboration for Education programs.
- Coordinating and Conducting Workshop on Research Methodologies & Latex for Research Scholars
- Representing 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 and VTU in CSE/MCA Board.

- Coordinating Advisory Board meetings, Experts meeting of VTU
- Coordinating and participating in BOS chairman/FAB Meeting for Edusat Programmes of VTU.
- Acted as chairperson for Conferences.
- Coordinating and participating as Member convener for various inspection committees at University level.
- Extensively involved in teachers training, soft skill for students and teachers, conducting workshops in self development.

Research Interests

Mobile Ad hoc Networks and Multimedia Networks, Performance Evaluation of Routing Protocols, Streaming Multimedia, Congestion Control Algorithms, Mobile Database and Network Security Algorithms.

Publications

Journal Publications

1. **Ramesh B.** and Manjula D. (2009), 'QoS Aware Congestion Adaptive Routing (QACAR) for Streaming Multimedia in Mobile Ad Hoc Networks', International Journal of Communication Networks and Distributed Systems, Vol. 4, No.2, 2010, pp. 230-249.
2. **Ramesh B.** and Manjula D. (2008), 'Congestion Adaptive AODV Routing Protocol for Streaming Video in mobile ad hoc networks', International Journal of communications, Network and System Sciences (ISSN 1913-3715), Vol. 1, Issue 4, November 2008, pp.322-228
3. **Ramesh B.** and Manjula D. (2009), 'Congestion Adaptive Routing for Streaming Multimedia over MANETs', International Journal of Wireless Communication and Simulation (IJWCS 2009).
4. **Ramesh B.** and Manjula D. (2007), 'An Adaptive Congestion Control Mechanism for Streaming Multimedia in mobile ad hoc networks', International Journal of Computer Science and Network Security (ISSN: 1738-7906), Vol. 7, No.6, June 2007, pp. 290-295.

International Conferences

5. **Ramesh B** and Manjula D. (2009), 'Congestion Aware QoS Architecture for Multimedia Mobile Ad Hoc Networks, Proceedings of IEEE International Conference on Advanced Computing (IACC-09), Patiala India, March, 2009, pp 879-883.
6. **Ramesh B.** and Manjula D. (2008), 'QoS Aware Congestion Adaptive Routing Protocol for Multimedia based Mobile Ad Hoc Networks', Proceedings of World Academy of Science Engineering and Technology, Volume 36, December 2008, ISSN 2070-3740, pp 899-904.
7. **Ramesh B.** and Manjula D. (2008), 'Swarm Intelligent Adaptive Routing Protocol for Multimedia MANETs', Proceedings of 2nd International Conference on Wireless Communications in Underground and Confined Areas, CANADA, AUGUST 2008.
8. **Ramesh B.** and Manjula D. (2008), 'Congestion Aware Adaptive QoS Admission Control Protocol for Streaming Multimedia in MANETs', Proceedings of International Conference on Advanced Computing & Communication Technologies For High Performance Applications, Ernakulam, Kerala, India, September 2008, Vol.1, pp 415-420.
9. **Ramesh B.** and Manjula D. (2007), 'Performance Analysis of Mobile Ad Hoc Routing Protocols for Streaming Multimedia', Proceedings of International Conference on Information Systems and Technology-ICIST 2007, (ISBN: 81-8424-273-5), Trishur, India, December 2007, pp 49-54.
10. **Ramesh B.** and Manjula D. (2006), 'A Novel Adaptive Congestion Control Algorithm for mobile ad hoc networks in constraint network conditions', Proceedings of International Conference On Network And Mobile Computing (NMC 2006), Malaysia. August 2006.
11. **Ramesh B.** and Basavaraju T. G. (2006), Doppler Location Algorithm for Mobile Ad Hoc Networks, Proceedings of IASTED International Conference on Networks and Communication Systems (NCS 2006) , In International Association of Science and Technology for Development (IASTED), Vol 1 pp 12-16, 29th March 2006 , Chiang Mai, Thailand.

National Conferences

1. **Ramesh B.**, Manjula D. (2008), “A Swarm based adaptive Routing Protocol for real time transmission in Mobile ad hoc Networks”, Proceedings of National Conference on Communication and Signal Processing, Eclectic’08, SRM University, Ramapuram, Chennai, India, April 3-4 2008, pp 17-21.
2. **Ramesh B.**, Manjula D. (2005), Feature Based Image Mosaicing, *MITDISC 2005* National Conference on Devices, Intelligent Systems and Communications, Manipal.
3. Chandrika J., **Ramesh B.**, “ A study of mining techniques for Data streams”, Proceedings of the second national Conference on issues and trends in advanced computing, 19-20 March 2010.

Text Books Authored

1. Computer Graphics Manual in C programming by C N Ravi Kumar, **Ramesh B.**, Chandrika J, 2005.

Subjects Handled

- Computer Networks;
- Multimedia Database;
- Computer Architecture;
- Systems Software;
- Data Communications;
- C# and.NET;
- Database and Management systems;
- Principles of Programming Languages
- Mobile Communications
- Multimedia Communications
- Microprocessors
- Information and Network Security
- Programming Languages
- Mobile Ad Hoc Networks

Professional Training

Training Undergone:

- Attended Short Term Programme “Digital Processing/Processors” conducted by AICTE/ISTE,IISc, Bangalore from 30.06.2003 to 04.07.2003.
- Attended 5th Computer Society of India (CSI) Students convention at RVCE, Bangalore (2 days), 2005.

- Attended AICTE Staff Development Programme on Computer Vision and its Applications conducted by Dept of Computer Science and Engg., PES College of Engineering, Mandya, 12th July 2004 to 24th July 2004.
- Attended AICTE-ISTE Short-Term Training Programme on Multimedia Mobile Wireless Networks conducted by Dept of Computer Science and Engg., MSRIT, Bangalore, 9th to 20th August 2004.
- Attended AICTE-ISTE Short-Term Training Programme on MSoftware Testing, Quality and Performance Engineering conducted by Dept of Information Science and Engg./MCA, MSRIT, Bangalore, 20th to 31st January 2003.
- Attended Five days Work Shop on Network Management and Network Simulation Using NS2 from 16th August to 20th August 2005 at NMAM Institute of Technology, Nitte.
- Attended five days Work Shop on Mobile Ad hoc Networks and Network Simulation Using NS2 2006, at MIT, Chennai.
- Attended Two days Work Shop on Industrial Oriented Software Engineering for 27th to 29th December 2000 at Infosys, Bangalore.

Member of Professional Bodies

- Member: Indian Society for Technical Education (ISTE), LM-14468
- Member: Institute of Engineers ,MIE, M-132265-0

Visits Abroad

- Visited Malaysia for Technical Paper presentation in the International Conference on Network and Mobile Computing (NM2006), 28-29 August 2006.

Personal Details

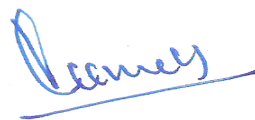
Name : **Dr. B. Ramesh**
Father's Name : Boraiah
Passport Number : E- 5724004
Date & Place of Issue : 10-10-2003, Bangalore
Date of Expiry : 09-102013.
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References

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Dr. K.R. Anand Kumar
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I hereby solemnly affirm that all the details provided above are true to the best of my knowledge and belief and that at all times, I shall carry myself in a manner that lend dignity to the organization and worthy enough of the person.



(RAMESH B)

Date: 16-07-2012

Place: Mysore