

Resume / Curriculum Vitae



Name	Mr. DEVARAJU B M		
Date of Birth	18.06.1979		
Address	<p>Asst. Professor, Department of Computer Science & Engg., RNS Institute of Technology, Channasandra, Dr. Vishnuvardhan Road Bengaluru - 560 098, Karnataka, INDIA</p> <p>Phone: 080-28611880,01 ext: 256 (O), 080-267300024(R), Mobile:+91 9620849034, Fax: 080-28611882 E-mail: devarajubm@gmail DOTcom</p> <p><i>Residential Address:</i> #45, 11th cross, Geddalahally, RMV 2nd Stage, Sanjay Nagar Bengaluru - 94, Karnataka, INDIA</p>		
Education	Degree	Institution, University	Year
	B.E. Electronic & Communication and Engg.,	Golden Valley Institute of Technology, KGF, Bangalore University Bangalore	2004
	M.E. Computer Science and Engg (IT),	University Visveswaraya College of Engineering (UVCE), Bangalore University, Bangalore	2008
	Ph.D. Computer Science and Engg.,	R&D Centre, CSE Dept. RNSIT, VTU, Belgaum	Pursuing
	Title of the PhD Thesis : "Frame work for Detection and Prevention of Malicious Nodes in Wireless Sensor Networks for improved QoS".		
Experience	Nature of Experience	No. of Years	
	I. Teaching	14	
	II. Industrial	2	
	III. Research	--	
Experience Details	Designation	Institution/ Organization	Duration
	Guest Faculty	University Visveswaraya College of Engineering, Bangalore University, Bangalore	2006 - 2007
	Lecturer in CSE Dept.	Alpha College of Engineering, Bangalore	2007 - 2008
	Assistant Professor in CSE Dept.	RNS Institute of Technology Bangalore - 98	Aug 2008 - till date
	Design and Service Engineer	Frax Electro Systems, Bangalore	2004 - 2006

Subjects Taught	Programming language C, Advanced Computer Architecture, Microprocessors, Microcontroller, Embedded Systems, Mobile Communication, Electronic and Circuits, Computer Networks, Cryptography network security and Cyber law
Areas of Research Interest	Computer networks, Security, Wireless Sensor Networks, Machine Learning, Deepa Learning, Security and QoS in WSN/IoT

**Work Shops/
Conferences
Organized**

1. Member coordinator for Expert Technical Talk on “Research Methodology and How to Write a Technical Paper “by Dr. Venugopal K R, Principal, UVCE, Bangalore for the benefit of research scholars and faculty members, under R&D activity, 18/12/2009 , RNSIT
2. **Member coordinator for International Conference on Data Engineering & Communication Systems, ICDECS-2011, RNSIT, Dec 30-31, 2011 at Vivanta by Taj, Bangalore**
3. **Member coordinator for 2nd International Conference on Data Engineering & Communication Systems, ICDECS-2015, RNSIT, Dec 28-29, 2015 at RNSIT, Bengaluru**
4. Member coordinator for 2-day FDP on “Microprocessors and ARM Programming, OOP with Java”, Jan 29-30, 2017
5. **Member coordinator for 3rd International Conference on Data Engineering & Communication Systems, ICDECS-2019, RNSIT, Dec 19-20, 2019 at RNSIT, Bengaluru**

**Work Shops/
FDPs/
Seminars
Attended**

1. Workshop on “ Computer Graphics and Visualization”, 4-days at RNSIT, Bangalore (28th – 31st Jan 2009)
2. Workshop on “Ad Hoc and sensor networks”, 21st march 2009, SKIT, Bangalore
3. Workshop on “Programming the Web and S/W Architecture”, 4-days at RNSIT, Bangalore (27-30th July 2009)
4. One-day workshop on SFD-Software Freedom Day, 23rd Sep 2008, Student Coordinator – Vittal P, RNSIT, Bangalore
5. One-day workshop on Web 2.0, the latest trends in web technology, Open Source Content Management System (CMS), and Sun SPOTs, 28rd Feb 2009, Student Coordinator – Vittal P, RNSIT, Bangalore
6. Mission 10X workshop, April 19–23, 2010 at RNSIT, Bangalore
7. 4-days Workshop on HARDWARE Trouble Shooting AND NETWORKING, July 5-8, 2010,for the benefit of Technical Support Staff of VTU affiliated Engg. Colleges
8. Expert Technical Talk on “Cloud and Grid Computing “by Dr. Rajkumar Buyya, Director, cloud computing & Distributed Systems , The university of Melbourne, Australia, CEO, Manjrasoft Pty Ltd, Melbourne, Australia for the benefit of research scholars and faculty members, under R&D activity, 18/12/2009 , RNSIT
9. Expert Technical Talk on “Research Methodology and How to Write a Technical Paper “by Dr. Venugopal K R, Principal, UVCE, Bangalore for the benefit of research scholars and faculty members, under R&D activity, 18/12/2009 , RNSIT
10. Two-days workshop on Android Mobile Operating systems, April 21st -22nd , 2011, at RNSIT
11. One-day Workshop on Concepts of Parallel Programming and OpenMP, Feb 24, 2011, at RNSIT,
12. FDP on System Software & Operating System Lab, RNS Institute of Technology,30–31st July 2012
13. FDP on Software Testing Laboratory, RNS Institute of Technology, 21-22nd Jan 2013
14. Technology Trends in Silicon Valley,13th August 2013, RNSIT
15. Mobile Applications Development, 5th April 2014, RNSIT
16. Options, Opportunities of Entrepreneur, 29th March 2014, RNSIT
17. FDP on Problem Solving in C and Data Structures, 24th -25th July 2014, RNSIT
18. NVIDIA Professor Meet, 27th November 2014, MSRIT, Bangalore
19. Application Development Technologies, 1-3rd Jan 2015, RNSIT
20. Five days hands on workshop on “Network Simulation using NS-3”, June 01- 05, 2015, NITTE, Bangalore.
21. FDP on “ NS-3 and its Advanced Usage” , June 27 – July 1, 2016, RNSIT, Bengaluru
22. Workshop on “Research Methodologies & Latex”, organized by VTU, e-Learning Centre, Mysore, 18th – 20th Feb 2016, at BLDEAs Dr. P G Halakatti college of engineering, Vijayapura, Karnataka
23. 3-day In-house FDP on “Fundamental and Advanced Concepts of UNIX OS”, July 20-22, 2016
24. FDP on “Computer and Wireless Networks”, 11th – 16th July 2016, BNMIT, Bengaluru
25. 2-day FDP on “Microprocessors and ARM Programming, OOP with Java”, Jan 29-30, 2017
26. 3-day In-house FDP on “Database Application Development using Python/Java”, in association with ISE and MCA departments, July 20-22, 2017
27. 3-day In-house FDP on “Machine Learning”, in association with ISE department, July 19-21, 2018
28. 3-day In-house FDP on “Web Technology and Applications”, in association with ISE department, July 23-24, 2018
29. One-week Faculty Development Programme (FDP) on Artificial Intelligent and Deep Learning during 27-31 January, 2020 at RNSIT, Bengaluru, in association with Ministry of Electronics and Information Technology, Govt. of India and Electronics and ICT Academy, IIT Guwahati

National/ International Conferences Attended	<ol style="list-style-type: none"> 1. First International Conference on Information Processing (ICIP-2007) in Bangalore (India) 2. Fourth International Conference on Intelligent Sensing & Information processing (ICISIP-2006) in Bangalore (India). 3. International Conference on Data Engineering & Communication Systems, ICDECS-2011, RNSIT, Dec 30-31, 2011 at Vivanta by Taj, Bangalore 4. 2nd International Conference on Data Engineering & Communication Systems, ICDECS-2015, RNSIT, Dec 28-29, 2015 at RNSIT, Bengaluru 5. 3rd International Conference on Data Engineering & Communication Systems, ICDECS-2019, RNSIT, Dec 19-20, 2019 at RNSIT, Bengaluru
Papers Presented / Published	<ol style="list-style-type: none"> 1. Devaraju B M, Jagannathan M: “<i>Matrix based Elliptic Curve Cryptography Protocol</i>”, in International Journal for Scientific Research and Development, Vol. 2, Issue 4, June 2014 2. Devaraju B M, G T Raju, “<i>Detection and Prevension of Malicious Activities in Wireless Sensor Networks for improved QoS- A Survey</i>” Second international conference on Green Computing and Internet of Things, IEEE Record #44090, 16-18 August 2018 3. Devaraju B M, G T Raju, “<i>Cross Layer and Management Plane Integration Approach for Detection and Prevention of Malicious Activities in WSN</i>” International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT), IEEE Explore, 10.1109/ICEECCOT43722.2018 4. Devaraju B M, G T Raju, “<i>Cross-layer Planes Framework for Detection of Malicious Nodes in WSN</i>” International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-2S, December 2019
Major Contributions apart from Teaching and Administration	<p>@RNS Institute of Technology, Bengaluru</p> <ol style="list-style-type: none"> 1. Organizeing committee member - 10 workshops/FDPs in College for the benefit of faculties 2. Organized committee three International Conferences – ICIP-2007, ICDECS-2011, ICDECS-2015, ICDECS-2019 3. Project coordinator UG, Dept. of CSE. 4. Technical Seminar coordinator UG and PG, Dept. of CSE. 5. Project Open House Panorama (PROP) Coordinator, Dept. of CSE. 6. NBA Criteria -2 and NAAC - Criteria-2 - Dept. coordinator 7. VTU -Digital Valuation Centre – member coordinator – college level
Books Published and Project Works Guided	<p>Project Works Guided:</p> <ol style="list-style-type: none"> 1. 30+ projects for UG Students at an average of 1-2 projects/year, with a team size of maximum of 4 students/team 2. 6+ projects for PG Students with a team size of 1 student/team

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Mr. Devraju B M
Asst.Professor, CSE Dept., RNSIT

Place: Bengaluru

Date: 03/03/2020