

# *Resume*

***Dr.Nirmala C R***

**Professor and Head  
Department of CS & E  
BIET, Davangere  
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***Area Of Interest [research  
Specialization]:***

***Artificial Intelligence, E-Commerce, Web Commerce, Semantic Web, Cloud Computing, Datamining and Data Warehousing, Computer Networks, Adhoc Sensor Networks***

***Work Experience :***                      **19.5 Years**

- Worked as a lecturer in E&C Department of Bapuji Institute of engineering and Technology Davangere from 1995 to 1999.
- Deputed for higher studies from the college to National Institute of Technology, Surathkal in 1999.
- After the completion of Masters Degree, ie from 2001, appointed as a lecturer in CS&E Department of Bapuji Institute of Engineering & Technology, Davangere
- Promoted as Assistant Professor from August 2007 in the department of CS & E
- Promoted as Associate Professor from September 2012 in the department of CS & E
- Promoted as Professor from May 2013 in the department of CS & E.
- Working as Professor and Head from August 2013 in the department of CS & E

***Educational Qualification:***

- Ph.D [Computer Science & Engineering] From Visvesvaraya Technological university, 2012.
- M.Tech [Computer Engineering] from NITK Surathkal , Mangalore University , 2002 with first class.
- B.E [E & C] from Bapuji Institute of Engineering and Technology, Mysore University , 1992 with first class

***Dissertation Details:***

**“Applications of Multi Mobile Agents in E-Commerce”**

***Roles and Responsibilities:***

- Single Point of Contact for Infosys campus connect program

- Single Point of Contact for IBM Academic Initiative
- Faculty co-ordinator for Wipro Mission 10X Program.
- Single Point of Contact for EMC<sup>2</sup> Academic Alliance Program
- Institute Internet and Network Co-ordinator.
- Co-ordinator for Microsoft Campus Agreement.

***Awards:***

- Awarded by the institute as “ Faculty Achiever” in the year 2007.
- Awarded with the title “Drona” from IBM India Ltd, for mentoring the award winning student project in the annual national level student project contest in the year 2010.
- Awarded with the title “Drona” from IBM India Ltd., for mentoring award winning student project in the annual national level student project contest in the year 2011.
- Awarded as “Champion Trainer” By Mission 10X team by Wipro, Bangalore in the year 2010.
- Awarded as “Best Mentor” from Infosys for outstanding performance in the campus connect activities in the year 2011.
- Awarded as a best teacher for 10 times from the college for achieving 100% result in the subjects handled.

***Membership:***

**Life Member of Indian Society for Technical Education.**

**Number: LM23578**

**Life Member of International Association of Engineers (IAENG)**

**Number: 134638**

***Core Subjects Taught:***

Advanced Computer Networks, Internet Programming, Web Programming, Web2.0 and Rich Internet Applications, Object oriented Design and modeling, Ajax, Data Mining and Warehousing, Principles of Programming Languages, Decision Support Systems, Java and J2EE, Computer System Performance Analysis. E-Commerce, Web-Commerce, Internet and Intranets. Software Engineering, Computer Networks.

***Expert Lectures Delivered:***

- Two days training Program for BCA Final year Students on “ Internet Programming”
- Four Days Training for Doctors at College of Dental Sciences “ Awareness to Internet”
- 15 days training program for degree college faculty members on “ Computer Skills and Concepts”
- Regularly deliver the classes for IBM academic Initiative registered students on the topics RAD, RFT, DB2, LOTUS and RTC.
- Regularly involved in delivering campus connect foundation program and soft skills.

***Seminars/Workshops/Events Organized:***

- Regularly organized the Infosys Campus Connect Foundation Program and Soft Skills for the students of the Institute during every semester vacations
- Regularly organized Certification course on IBM tools like, DB2, TIVOLI, RAD, RFT, RTC, LOTUS.

- Actively involved in conducting the “International Conference on Software Agents” by the college during September 2002.
- Actively involved in conducting the short term course “Unleash the full potentials of Linux” by the college in the year 2003.
- Organized three day workshop on “Web Programming” for CS/IS faculty members of VTU colleges.
- Organized five days’ workshop on “Foundation Program 3.1” from 27-01-2013 to 01-02-2013
- Convener for one day workshop on “Research Add-Ons” on 19-03-2014 in the institute.

***Seminars/Workshops Attended:***

- *Workshop on Industry Oriented Software Engineering conducted by Infosys Technologies Ltd., Bangalore held at Jawaharlal Nehru Centre for Advanced Scientific Research, IISc, Bangalore from 21<sup>st</sup> to 23<sup>rd</sup> January 2002.*
- *IBM-VTU Train the Trainer Program on “ Websphere Application Server 4.0 Up gradation” conducted at M.S Ramaiah Institute of Technology, Bangalore from 21-02-2002 to 27-02-2002.*
- *Fifth state level ISTE Convention and National Seminar on “ Role of Technical Education in meeting the challenges of Globalization on 12<sup>th</sup> and 13<sup>th</sup> November, 2002 at University B.D.T College of Engineering , Davangere.*
- *Curriculum Development workshop on “E-Business and Internet Technologies” conducted from 03-03-2003 to 07-03-2003 at Indian Institute of Information Technology, Bangalore.*
- *VTU-Microsoft Faculty Development program, A technical training program on “.NET”, conducted at the Indian Institute of Information Technology, Bangalore on 28-03-2003*
- *Attended and Presented a paper on “Application of Ontology and Software Agents in E-Commerce” at “International Conference on Software Agents” held at Bapuji Institute of Engineering and Technology, Davangere from 05-09-2003 to 06-09-2003.*
- *Short Term Course on “Power Linux – Unleash the full Potentials Of Linux” held at Bapuji Institute of Engineering and Technology, Davangere from 16-02-2004 to 28-04-2004.*
- *BITES-Microsoft Academic Alliance Program on “.NET” a train the trainer program from 07-06-2004 to 11-06-2004 held at Bapuji Institute of Engineering and Technology, Davangere.*
- *Workshop on “Quality of Service on Internet” Held at Bapuji Institute of Engineering and Technology, Davangere from 04-07-2005 to 09-07-2005.*
- *Short Term Course on “Electronic Commerce” under Quality Improvement Programme of All India Council for Technical Education, New Delhi conducted During 13-02-2006 to 17-02-2006 at Indian Institute of Science, Bangalore.*
- *Workshop on “Open Source Technologies” conducted by IBM-BITES and Department IT and BT, Govt. of Karnataka during 17-03-2006 to 19-03-2006.*
- *SHRISHTI -2006 , A state level Project Exhibition and Competition held from 18-05-2006 to 21-05-2006 held at GMIT, Davangere as Judge.*
- *International Conference on “Advance Technologies and Electronic Transactions” [ICATET] held from 13-07-2006 to 14-07-2006 at Kathmandu, Nepal.*
- *Workshop on Soft Skills held at Infosys Technologies Ltd, Bangalore from 24-09-2007 to 28-09-2007.*
- *Workshop on Soft Skills from 24-03-2010 to 26-03-2010 held at Infosys Technologies Ltd, Bangalore*
- *Participated in a Mission10X workshop conducted at Bapuji Institute of Engineering and Technology, Davangere from 02-02-2010 to 06-02-2010*
- *Mission 10X advanced workshop held on 19-04-2010 to 20-04-2010 at Bapuji Institute of Engineering and Technology, Davangere.*
- *“Cloud Meets Big Data” EMC academic Summit 2012 held at M S Ramaiah Institute of Technology, Bangalore on 10-02-2012.*

### ***Publications:***

- Presented a paper “Applications of Ontologies and Software Agents in E-Commerce” in the conference, “International Conference on Software Agents” and is published in the conference Proceedings.
- Presented paper “Mobile Agent Architecture for E-Commerce Applications Using Aglets”, at International Conference on Electronic Transactions and Advanced Technologies held at Kathmandu, Nepal and organized by Wakkanai Hokusai Gaukuen University, Japan from July 13, 2006 to July 14, 2006. And published in the conference proceedings.
- Paper Titled “Performance Enhancement of E-commerce applications using Multiple Mobile Agents” was accepted for presentation in the “International Conference on Computer Science and Technology” held at Hong Kong from March 21<sup>st</sup> to 23<sup>rd</sup> 2009. Published in the World Academy of Science, Engineering and Technology, March 2009, Volume 51 pp.114-118.
- Paper titled “Mobile Agents for Audio Search and Retrieval “ is published in the “International Journal of Computer Applications” –ISSN 0975-8887, Volume 1, No.23 March 2010.
- Paper titled “Multi Mobile Agents for Multimedia File Download in E-commerce Environment is published in “International Journal of Computer Applications”-ISSN 0975-8887, Volume 4, No.10, and August 2010.
- Paper titled” Multi-Mobile Agent Architecture for On-Line Mutual Funds Trading in India- A Hybrid Approach” has been accepted for presentation in “2010 Second International Conference on E-Learning, E-Business, Enterprise Information Systems, and E-Government (EEEE 2010) and published in the proceedings of the conference published by IEEE. Volume 1, IEEE Catalog Number :CFP1047I-CDR, ISBN: 978-1-4244-7690-9, PP 243-246
- Paper titled “Multi-Mobile Agent Mediated Concurrent File Uploading in E-commerce Data Grid Environment” has been communicated to the Journal Engineering Letter of IAENG.
- Paper titled “ Security Architecture for On-Line Mutual funds Trading with Multi Mobile Agents” has been communicated to CSC Journals and in Specific “International Journal of Computer Science and Security”.  
And still 4 papers are published in various referred journals.  
Two research scholars are working under my guidance in Visvesvaraya Technological University, Belgaum, Karnataka.

### ***Extra/Co-curricular Activities:***

- Designed, developed and successfully maintaining the college website <http://www.bietdvg.edu, istekarnataka.com>.
- Actively take part in the annual cultural festival “Davana” as judge for selecting the college team, managing the registration committee and also acts as a judge during the conduction of festival.
- Co-ordinator for Registration Committee on VTU Youth Festival-6
- Chairman for Registration Committee VTU-Youth Festival-14.
- Member of VTU-LIC committee -2014