

Dr.M. Suresh Babu



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Seeking assignments in Teaching & Administration with a high growth oriented organization of repute.

Professional Snapshot

- A creative professional with around 18+ years of experience in Teaching & Student Management.
- Working as Professor, Department of Computer Science & Engineering, Nalla Malla Reddy Engineering College, Hyderabad from September- 2015
- Worked as Principal, Aurora's Technological Institute, Uppal, Hyderabad from Jan- 2015 Aug-2015
- Worked as Principal, Intel Institute of Science, Anantapur, from October 1998 - December 2012.
- Worked as Professor & Head, Department of Computer Applications, Madanapalle Institute of Technology & Science, from December 2012 to December 2014.
- Having technical expertise in supporting Client / Server based environments, operating and maintaining computing and peripheral equipment.
- Strong interpersonal skills and the ability to relate to teachers / students at all levels.
- Possess stupendous skills for mentoring, guiding and controlling teachers / students.
- Profound ability in troubleshooting and quickly diagnosing technical errors / issues to minimize downtime and optimize productivity.
- Possess strong communication, interpersonal, analytical & team building skills with proficiency at grasping new concepts quickly and utilizing the same in a productive manner.

Education

- **PhD** (Computer Science) from Sri Krishnadevaraya University, Anantapur. (A study on forecasting stock market index value using data mining techniques)
- **M.Phil** (Computer Science) from Bharthiar University in 2007.
- **Master of Computer Applications** from Osmania University, Hyderabad in 97.
- **PGDBA** from Sri Krishnadevaraya University, Anantapur in 2002.
- **DCOM** from IGNOU, New Delhi
- **Bachelor of Science** from Sri Krishnadevaraya University, Anantapur.in 1993.

Areas of Expertise

Application Development

- Mapping client/business requirements and providing customized software solutions involving finalization of product specifications and selection of appropriate techniques.
- Conducting system study and coordinating with team members for System Design & Integration, Application Maintenance, etc.
- Handling various technical aspects like software design, coding of modules, monitoring critical paths & taking appropriate actions.
- Designing and executing test plans and gap analysis to ensure that business requirements and functional specifications are tested and fulfilled.

- Delivering and implementing the project as per scheduled deadlines; extending post implementation and maintenance support to the technical support team and client.

Teaching

- Teaching & tutoring as per academic curriculum to students.
- Preparing exercises, questionnaires, assignments for students at various levels.
- Setting and marking assignments and tests by assessing students' work for internally assessed components of qualifications.

Student Management

- Fostering a healthy learning atmosphere in class and responding to all classroom queries in a spontaneous, empathic manner.
- Ensuring discipline by observing students' work, behavior and attendance; keeping records and writing reports on students' performance.
- Committed to the profession – **FOR THE STUDENTS, BY THE STUDENTS and TO THE STUDENTS.**

Career Contour

Role :

Giving lectures on the following subjects :

- Software Engineering
- Database Management System
- Distributed Database Management System
- Programming Language paradigms.
- Web technologies
- Computer Graphics
- Unix & Network Programming
 - Chairman – Board of Studies – Department of Computer Applications.
 - Project guide for MCA VI Semester students
 - Member, Academic Council Board, MITS (Autonomous)
 - ISO Coordinator
 - NAAC Coordinator
 - Event Coordinator
 - Department Development Team (Department Visibility)
 - Involved in writing proposals to funding agencies
 - Disciplinary Coordinator
 - External Examiner for Sri Krishnadevaraya University, JNTU Kakinada, JNTU Anantapur, Sri Venkateswara University, Andhra University & MCRP.
 - Question Paper Setter for Andhra University, JNTU Anantapur, MCRP University, BR.Ambedkar University & Sri Krishnadevaraya University
 - Panel Chairman – NCCNIS -2015.

Professional Development

- Attended Orientation Course Organized by Academic Staff College, JNT University.
- Attended Refresher course on Enterprise Resource Planning, ASC, JNT University.
- Attended Short term course on Open Solaris at NIT Warangal.
- Attended Faculty Development Program on Ubiquitous Computing, organized by CCE, Indian Institute of Science, Bangalore.
- Attended Faculty Development Program on Wireless Networks, organized by CCE, Indian Institute of Science, Bangalore.
- Attended Refresher course on Advanced Database applications, organized by NIT Warangal
- Attended Refresher course on Emerging trends in Data mining, organized by NIT Warangal
- Attended Refresher course on EJB, organized by CDAC, Hyderabad.
- Attended Short term course on IBM- Websphere at Vagdevi Engineering College, Proddutur.

- Attended Faculty Development Course on Oracle 10g by Oracle University, at GPR Engineering College.
- Attended Principals workshop on NAAC Assessment procedures.
- Attended ISTE Sponsored workshop on Autonomous status to Professional Colleges.
- Attended 3 day FLI course on Wireless Networks organized by IUCEE & Madanapalle Institute of Technology & Science.
- **Editorial Board Member – International Journal of Advanced Engineering Applications, STEPS.**
- **Editorial Board Member – Blue Ocean Research Journal.**
- **Associate Editor – Bio Info Publications – Advances in Information Mining**
- **Associate Editor – Associated Asia Research Forum**
- **Advisory member for Institute for Innovation in Science & Technology.**
- **Editorial Board Member – International Journal of Information Technology & Computer Science perspectives.**
- **Editorial Board Member – International Conference on Big Data Intelligence and Cloud Computing Challenges.**
- **Editorial Board Member – International Journal of Advance Engineering and & Global technology.**
- **Editorial Board Member – International Journal of Engineering Trends and Technology.**
- **Editorial Board Member – International Journal of IT and Social Sciences – www.ijmr.net.in**
- **Editorial Board Member – International Journal of Engineering applications in Computer Science**
- **Editorial Board Member – International Journal of Advanced Engineering Management and science.**
- **Reviewer – International Arab Journal of Information Technology**

Programs Conducted

- Organized workshops in various Engineering Colleges across the state on “Science Versus Miracles”.
- Performed various programs in TV Channels on Pollution and Climate Change.
- Conducting Science Talent Test to promote scientific temper at school level since 2002.
- Organized Workshops on Basic Life Support & Medical Education Social Responsibility at Medical Colleges.

- Performing Science day celebrations at Various Schools since 1995.
- Organized train the trainers program at Intel Institute of Science, Anantapur.
- Organized State level Conference on “Crisis in Higher Education – Ailments and remedies” at Hyderabad.
- Organized “Save Energy – Convention” at Institute of Engineers, Hyderabad.
- Organized Several State level workshops on Method of Science.
- Organized low cost and no cost teaching aid workshop at Hyderabad.
- Organized Personality Development Program, Innovative quiz, other awareness programs on Time, Stress, Conflict, Teenage management and group dynamics.
- Organized 1000km Rathayatra “Cheruvu Bata” on restoration of natural resources in Anantapur District.
- Conducted several Kala Jata in Anantapur, Kurnool & Kadapa Districts.
- **Contributed more than 98 papers in various national / International Conferences & Journals.**

Other Activities

- ❖ Member, District Citizens Forum, Anantapur
- ❖ State Convener, Science & Technology, JanaVignanaVedika.
- ❖ Co-Convener, State Save Education Committee.
- ❖ Member, Human Rights Forum, Anantapur.
- ❖ Member, Secularism Parirakshana Committee.
- ❖ Member, A.P. Private College Lecturers Association
- ❖ Secretary, District Rationalist Association, Anantapur.
- ❖ State Coordination committee member, UFRTI
- ❖ Regional Convener (Rayalaseema), NAPM.
- ❖ Secretary, RayalaseemaVikasaSadhanaSamithi.
- ❖ District Treasurer, Citizens Forum Against Corruption.
- ❖ District Convener, Election Watch, Anantapur

Personal Details

Date of Birth : 27th December 1970

Languages Known : English, Hindi & Telugu.
Marital Status : Married.
Wife : **Dr. D.Asha Devi, AMIETE, M.Tech, PhD**
Children : Daughter M. AkhilaMithra
Visit my activity : www.jvvanantapur.blogspot.com

(Dr. M.SURESH BABU)

Publications

1. Enhancing the robustness of Web services and service oriented architecture National conference on Software Engg- MS Ramaiah Institute of Technology
2. Service oriented Architecture amplified by Software configuration management National conference on emerging trends in engineering – SVECT - Puttur
3. Public key cryptography for wireless sensor networks National conference on cryptography – University of Hyderabad
4. An FPGA based general purpose data acquisition controller Recent trends in engineering and technology – RLJIT – Doddaballapur
5. Data mining –scalability issues and predictions Recent trends in engineering and technology -
6. Applying lateral thinking on requirement engineering Recent trends in engineering and technology
7. Composite applications – an invent of SOA Recent trends in engineering and technology -
8. Dependability on wireless networks National conference on wireless networks
9. Architectural components for capture and access applications National conference on software engineering – 2009
10. Authentication in ubiquitous computing National conference on digital convergence 2009
11. ESB as a middleware tool for SOA architecture International conference on SCM.
- 12 Privacy and Security within Intelligent Environments ICUBE- 2009
- 13 Energy conservation and routing efficiency trade off in multi top wireless ad hoc networks National level technical conference – OrjaKranthi 2008
- 14 Microwave circular and compact semicircular monopole antennas for UWB applications National conference on Emerging trends in Instrumentation and power systems
- 15 User design experience in Indian Business scenario Global economic turbulences : shifts in business structures and systems
- 16 Preserving Challenges in Data mining National conference on Intelligent Systems and Commn.
17. A database clustering methodology and its applications National conference on data mining & network security
- 18 A database clustering methodology using object pooling and modeling National conference on data mining & network security
- 19 The curse of dimensionality in data mining& time series AICTE sponsored – Conference on Intrusion detection using data mining
- 20 Web Services National Conference on Advanced trends in web portals and security
- 21 Maximising the business value of network embedded system through process level integration International Conference Managing next generation software applications
- 22 Data mining scalability issues and predictions International conference on Business intelligence and data mining
23. Data X – An approach to Ubiquitous database access – pg 84-85 International conference on advanced computing and common technologies for high performance applications
24. User selected pseudonyms and user identity in ubiquitous system – Paper 10

National conference on IT

- 25 Study on Security model and Strategies in Cloud Computing International conference on Computer Science & IT
- 26 Functions of Optimized Link State Routing Protocol in Mobile Ad-hoc Networks
Second International conference on futuristic trends in Electronics Engineering
27. Renovation of tanks a Boon to Anantapur farmer- A study on role of women
UGC National Seminar Rural Women and Natural Resources Management:
Opportunities, Policies and Challenges
- 28 Automated and Perceptual Data Mining of Stock Market Data Sri Krishnadevaraya University
- 29 Scalable and Flexible Access Control in Cloud Computing using Attribute based encryption
National conference – MallareddyEngineering College
- 30 Restoration of Natural resources National Economics conference – University of Hyderabad
- 31 Genetic Approach for computing stock market forecasting National conference of Intelligent computing – Coimbatore.
- 32 A study on customer life time value prediction – Markov Chain based data mining model – reference to tata motors International conference on engineering and technology –ICET 2013.
33. A Study on interface development environments in Cloud Computing – International conference on Recent developments in Engineering and Technology – 9th Feb 2014
34. A Study on the Agricultural Development of AnantapurAnantha Water Grid (AnanthaJalaValayam) – SWARM – MVGR Engineering College, Vizayanagaram. 21,22 Feb 2014.
35. Food Security Bill-Boon or Bane " on 7th & 8th March 2014. – UGC sponsored Seminar – Food Security Bill – Department of Political Science, Sri Krishnadevaraya University, Anantapur.
36. Presented a Paper "A Study on the Agriculture Crisis - Ailments and remedies for sustainable development - with reference to Anantapuram District" on 24th & 25th March 2014 at UGC Sponsored National Seminar on "Sustainable Management of Natural Resources: Challenges and Responses" Organized by the Department of Rural Development & Social Work, Sri Krishnadevaraya University, Anantapuramu.
37. A paper titled " Resource Allocation and Scheduling in the Cloud Computing environment" in UGC Sponsored National Conference on Recent Trends in web Sciences(NCRWS-2014) organized by the Department of Computer Science, Dravidian University, Kuppam on 14 & 15 March 2014.
38. "Behavioural Web Mining" is presented at UGC Sponsored National Conference on Recent Trends in web Sciences(NCRWS-2014) organized by the Department of Computer Science, Dravidian University, Kuppam on 14 & 15 March 2014.
39. Presented paper entitled "A Cloud based Security for Intelligent System" at 3rd National Conference on computer networks and information security -2014 Sponsored by AICTE and organized by Department of IT, Vasavi Engineering College, Hyderabad on 4th & 5th March 2014.
40. A Study on Implementation of Data Mining and Big Data techniques to improve customer Behavior- ICCCT – CMRIT – Hyderabad- March 2014
41. Information service quality evaluation for Analytics service Assessment and Comparison – NCDMA – S.V.University, Tirupathi – 3-5th July.
42. A Study on Information Retrieval methods in Text Mining - NCDMA – S.V.University, Tirupathi – 3-5th July.
43. Virtual Intrusion detection system in Cloud environment. –International conference Advancement in Engineering and Management – 10th -11th October 2014.

44. Implementing DES and RSA algorithms in cloud for Data security. International conference Advancement in Engineering and Management – 10th -11th October 2014.
45. Stock Market Forecasting using Hybrid Machine Learning System – International Conference on Business perspectives – SSIM – SAMAROH – 2015.
46. Enhancing Data Storage Security in Cloud Computing through Steganography – NCCNIS – 2015, Vasavi Engineering College – 4 & 5 March 2015.
47. A study on Analytic Architectures supporting Analytic users and workloads for BI framework - National Conference on Emerging & Innovative Trends in Computer Science (NCEITCS – 2015) -1st& 2nd April 2015.
48. A Study on Secure Anonymous Cloud Architecture frame work environment for electronic transactions – National level Technical Seminar – Aurora PG College – 10th April 2015.
49. Implementation of Security in Cloud Systems Based using Encryption and Steganography – ICTACSE – MRECW – 4th& 5th July 2015.
50. Renovation and Restoration of Tanks in Telangana – a boon to Telangana farmer – National Conference on Water, environment and society – JNTU H, July -2015.
51. Leveraging Big Data Analytics – An Innovation in Decision support Systems – National Seminar on Big Data Analytics – St Martin College- Hyderabad – September 11th 2015.
52. Multi Layer Parallelism in heterogeneous platforms for Big Data Processing – National Seminar on Big Data Analytics – St Martin College- Hyderabad – September 11th 2015.

Papers Published in International Journals

1. Forecasting of Indian stock market using datamining& ANN IJAEA – ISSN – 0975-7783,
2. Clustering approach to stock market prediction International journal on Adv Network Architecture- ISSN – 0975-0290
3. Indian stock market trend using SVM IJREAS- ISSN – 2249-3905
4. Forecasting stock market trends using time series IJAEA – ISSN – 0975-7783
5. Forecasting the trend of grievances filed to e portal IJ-ETA-ETS & IJ-CA-ETS – 0974-3583
6. Development of hierarchical k mean clustering for allergy application IJANA – ISSN – 0975-7783
7. Textual analysis of stock market using financial news articles ENGINEERING TODAY – ISSN – 0974-8377
8. Recent trends in Knowledge discovery data base and fuzzy logic ENGINEERING TODAY – ISSN – 0974-8377
9. Recent advances in web mining technology based on XML ENGINEERING TODAY – ISSN – 0974-8377
10. Design of a seamless connectivity scheme for ubiquitous applications – jan – June 2009 pp 107-Serials publications – International journal of intelligent information processing- ISSN : 0975 0282
11. Distributed database for ubiquitous computing Journal of Computer Science – ISSN- 0973-2926
12. Information delivery system through Bluetooth in ubiquitous International journal on Adv Network Architecture- ISSN – 0975-0290
13. Web based soil analyzer using Rabbit Processor IJANA – 0975-0282
- 14 Concurrent engineering environment in Construction industry – Page 64 – Vol -3 Number 1 – January -2009 International journal on design and manufacturing technologies
- 15 Concurrent engineering : A strategy for global product development – paper 80 National Journal of Technology – PSG College, Coimbatore
16. Cloud Computing Implementation Level in Indian Companies IJFSET March 2013.1(3): 228-233

- 18 A Study on ERP software implementation in Indian Industry IJFSET -ISSN 2320 - 4486
- 19 Knowledge management and strategic Enterprise Architecture – An opportunity for Synergy IJFSET – ISSN 2320-4486
20. Enterprise Risk Management Integrated framework for Cloud Computing - IJANA – 0975-0282 – Jan -2014 Volume 5- Issue – 3
21. Volume-02 - Issue 07, Last date for submission of Manuscripts - 20 July 2014 --

Open MP Architecture on multi-platform shared memory multiprocessing programming – IJAEGT - ISSN 2309-4893

22. A Study on Text Mining algorithms for Quick Text Information Retrieval

Volume-02 – Issue07- IJAEGT –ISSN- 2309-4893

23. A Study on software defect origins and removal methods – Pezzottaite Journals –International journal of information technology and computer sciences perspectives – ISSN 2319-9016.

24. Implementation of Privacy Preserving and Public Auditing methods for secure cloud storage – GE- International Journal of Engineering Research – ISSN – 2321-1717- July 2014.

25. Design and implementation of efficient solar power system for Multi Mobile Charger – IETTCS - Volume 3, Issue 5, September-October 2014 ISSN 2278-6856

26. An empirical method of metadata management in multi grids and multi clouds. Pezzottaite Journals –International journal of information technology and computer sciences perspectives – ISSN 2319-9016.

27. A New Steganography protocol for improving security of cloud storage service in International journal of information technology and computer sciences perspectives ISSN: 2319-9016 (PRINT) ISSN: 2319-9024 (ONLINE); IF-2012: 3.201, IF-2013: 5.058

28. A study on VM level load balancing in Cloud environment - International journal of information technology and computer sciences perspectives ISSN: 2319-9016 (PRINT) ISSN: 2319-9024 (ONLINE); IF-2012: 3.201, IF-2013: 5.058

29. A Study on impact of Big Data analytics to Indian E Commerce Applications - International Journal of Advanced Engineering Management and science. – Vol 1, Issue – 2, May -2015 ISSN: 2454-1311.

30. Stock market forecasting using Hybrid machine learning system – Business competitiveness-perspectives, challenges and strategies – Allied publishers Pvt Ltd – ISBN – 978-811-8424-974-3

31. Implementation of Security in Cloud Systems Based using Encryption and Steganography – Institute of Research and Development India – <http://ird-india.com/journals/issue-11/> Paper 17

32. Mining Consumer Knowledge from Shopping Experience: A case study on Indian E_Commerce Industry - IJAEMS - Vol.-1, Issue -6, September 2015 Paper 3.

Editorial Board Member ;

1. Editorial Board Member - International Journal of Advanced Engineering Applications.
2. Editorial Board Member – Blue Ocean Research Journal.
3. Associate Editor – International journal of Advances in Information mining.
4. Reviewer – IJAEGT
5. Editorial Board Member – Associated Asia Research Foundation
6. Editorial Board Member – International journal of engineering trends and technologies.
7. Editorial Board Member – Conferences Hub

8. Reviewer – International Arab Journal of IT.

9. Editorial Board member – IJAEMS.

Membership in Professional Bodies :

1. Life Member – ISTE
2. Life Member – IAEngg
3. Life Member – CSTA
4. Life Member – SOULS
5. Life Member – IACSIT
6. Life Member - UACEE

Articles / Chapters published in Books

1. Peruguthunna Kalashalalu Taruguthunna Pramanalu JANA VIGNANA VEDIKA
2. Web Technologies text book for III year B.Sc (Computer Science), DDE, S.K. University -2014
3. Chappidivengannapalli lo Methane nikshepalu Ananthaseema
4. Gupta nidhivetagalladhatikidaddarillinagootykonda Anantapur
5. Jan Lokpal Bill Viniyogadarshini
6. Jeevansailiniokaudyamamulatheesukuveldamu Viniyogadarshini

Chairman – Doctoral Committee

1. Periyar University Computer Assisted Testing System in E Learning using Swarm Intelligence. 2015.

2. PRIST University - Algorithms for enhancing intelligence based service level agreement towards secured cloud environment –August 2015.

3. VIT University Vellore- Performance improvement of irregular memory access pattern applications using CSR storage format for Multi Core Architectures – September 2015.