

## **Dr. B. MANJULA**

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## **Residence**

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### **ACADEMIC QUALIFICATIONS:**

- Ph.D. in Computer Science in the Department of Computer Science from Kakatiya University, Warangal, (Title of the Thesis: Applications of data mining techniques in tracing the trends of business)
- M.Sc. (Information System) from Osmania University, Hyderabad.
- Bachelor of Computer Applications from Osmania University, Hyderabad

### **EXPERIENCE:**

- Currently working as a Assistant Professor at Department of Computer Science, Kakatiya University Warangal from Feb, 2008 to till date
- Worked as an Academic Consultant in Osmania University Post Graduate College of Secunderabad, from August, 2004 to January, 2008.

### **ADMINISTRATIVE EXPERIENCE:**

- Chairperson, Board of Studies, Department of Computer Science, Kakatiya University, Warangal during 2015 to till date.
- In-Charge Director for University Networks and Website, Kakatiya University, Warangal during 2015 to till date.
- Head, Department of Computer science, Kakatiya University, Warangal during the 2012 to 2014.
- In-Charge Director for University Computer Centre, Kakatiya University, Warangal during the 2012 to 2014.
- Member of Board of Studies committee, Telangana University, Nizamabad.
- University Nominated Expert, Member of Board of studies, Chaitanya Postgraduate college (Autonomous), Warangal
- Member of Selection Committee, Jawahar Navodaya vidyalaya, Warangal

**PROGRAMS/WORKSHOPS CONDUCTED:**

1. Conducted an online workshop on "Java" with the collaboration of the Spoken Tutorial project (the initiative of the 'Talk to a Teacher' activity of the NMEICT, launched by the MHRD, Government of India)
  - For B.Tech(CSE), MCA and M.Sc(Computer Science) students of all colleges under the jurisdiction of Kakatiya University from 19<sup>th</sup> August to 26<sup>th</sup> September 2013.
2. Conducted a training program on "Office Management and Computer Applications"
  - For University Non-Teaching employees from 21st August 2013 to 5th September 2013.
3. Conducted a two-week training program on "Fundamentals of Information Technologies"
  - For Women students of University Campus Colleges from 4th to 16th November 2013
4. Conducted a two-days National Workshop on "Research Methodologies and Issues in Computer Science and Information Technology" sponsored by UGC
  - For Faculty, Scientists, Engineers, Technologists, Stakeholders, and Persons from industry from 27<sup>th</sup> to 28th March 2014
5. Conducted a One-day workshop on "SPSS 22 Application" with collaboration of IBM
  - For Internal Faculty, HOD's and researcher of Kakatiya University on 5th July 2014

**GUEST LECTURES:**

1. Delivered a lecture in the Two Day workshop on "Application of Computers in Biology and Bioinformatics"
  - Conducted by Department of Zoology, Kakatiya University, Warangal during 6-7<sup>th</sup> October 2010.
2. Delivered a lecture on "Computer awareness for the research scholar"
  - Conducted by Department of English, Kakatiya University, Warangal.
3. Delivered lecture on "Developing programming skills through JAVA and Applet programming in JAVA"

- Conducted by Akarapu SharathChandrikadevi Memorial U.G. & PG. College for Women, Fortroad, Warangal during 25-03-2013.
- 4. Delivered a lecture on "Current trend in programming languages"
  - Conducted by ABV Govt. Degree and PG College, Jangan, Warangal 2013.
- 5. Session head for "National Conference on Emerging Trends in Wireless Communication Networks" (NCETWCN-13)
  - Conducted by AIMS, Warangal during the April 16th & 17th 2013

**PAPERS PUBLISHED IN JOURNALS:**

1. *Comparison of Multicast Routing Protocols in Ad-Hoc Wireless Networks*
  - International Journal on Computer Science and Engineering (IJCSE)
  - ISSN : 0975-3397, Vol. 3 No. 2, Feb 2011, PP.: 871- 876
2. *Quality of Service for Mobile Ad-Hoc Wireless Networks*
  - International Journal on Computer Science and Engineering (IJCSE)
  - ISSN: 0975-3397, Vol. 3 No. 4, Apr 2011, PP.: 1573- 1577
3. *Analysis Of Business Trends In Telecommunication*
  - International Journal Of Emerging Technologies And Applications In Engineering, Technology And Sciences
  - ISSN: 0974-3588, JULY '11 – DEC '11, Vol. 4 Issue 2, PP.:194-199
4. *Comparison of Data Mining Versus Traditional Analysis in Textile Business*
  - IFRSA International Journal of Data Warehousing & Mining
  - ISSN (Online): 2249 -2186 ISSN (Print): 2249 -7161, Vol.1 issue 1, Aug 2011, PP. 32-37
5. *DFFS: Detecting Fraud in Finance Sector*
  - International Journal Of Advanced Engineering Sciences And Technologies
  - ISSN: 2230-7818, Vol. No. 9, Issue No. 2, Sep 2011, PP. 178 – 182, **Impact factor: 4.39**
6. *Study of Trends in Higher Education*
  - International Journal of Computer Trends and Technology

- ISSN: 2231-2803, Vol.1 issue 1, Sep to Oct Issue 2011, Page 6-10
7. *Stock Prediction using Neural Network*
    - International Journal Of Advanced Engineering Sciences And Technologies
    - ISSN: 2230-7818, Vol. No. 10, Issue No. 1, Nov 2011, pages 013 – 018, **Impact factor: 4.39**
  8. *Secure Authentication Scheme for Mobile Ad Hoc Networks*
    - International Journal of Mobile & Adhoc Network
    - ISSN (Online):22316825 ISSN (Print):2249-202X, Vol2 issue 1, Feb 2012 page. 29-33
  9. *Comparison of Data Mining and Web Mining*
    - International Journal of Data Warehousing & Mining
    - ISSN (Online): 2249 –2186 ISSN (Print): 2249 –7161. Volume 2 issue 1, page 34-39.
  10. *Instances Selection Using Advance Data Mining Techniques*
    - International Journal of Computer Engineering and Technology (IJCET)
    - ISSN 0976 –6367(Print), ISSN 0976 – 6375(Online), Volume 3, Issue 2, Jul- Sep 2012, pp. 47-53, **Impact factor: 3.95.**
  11. *Tracking The Trends Of Financial Applications Using Genetic Algorithm*
    - International Journal of computer Applications
    - ISSN: 0975 – 8887, vol.48 no.16, June 2012, pp.36-40, **New York, USA.**
  12. *Prediction Of Stock Market Index Using Genetic Algorithm*
    - Computer Engineering and Intelligent Systems
    - ISSN 2222-1719(Paper), ISSN 2222-2863(Online), Vol. 3, No. 7, July, 2012, pp.162-171, **Hong Kong, US, Impact factor: 6.39.**
  13. *Prediction Of Stock Market Index Using Neural Networks: An Empirical Study Of BSE*
    - European Journal of Business and Management
    - ISSN 2222-1905 (Paper), ISSN 2222-2839 (Online), Vol. 4, No. 11, Aug 2012, pp. 152-161, **Hong Kong, US, Impact factor: 7.17.**

14. *A Novel Overview and Evolution of World Wide Web: Comparison from Web 1.0 to Web 3.0*

- International Journal of Computer Science and technology (IJCST)
- ISSN: 0976-8491 (Online), ISSN: 2229-4333 (Print), Vol. 4, Issue 1, Jan - Mar 2013, page 349-354.

15. *Virtual Classroom Pedagogy : New Tendency In Higher Education Institutions*

- International Journal of Information and Computation Technology (IJICT),
- ISSN 0974-2239, Vol.3, No.7, pp.671-676, October 2013.

16. *Dynamic Computation of the Application between the Smart Mobile Device and Cloud Computing*

- International Journal of Computer Engineering and Technology (IJCET)
- ISSN 0976 -6367(Print), ISSN 0976 - 6375(Online), Volume 5, Issue 2, Feb 2014, pp. 30-39, **Impact factor: 4.40.**

17. *Ethical Hacking Tools: A Situational Awareness*

- International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)
- ISSN: 0976-1353 Volume 11 Issue 1 -NOVEMBER 2014.

18. *Prediction of BSE Stock Data using MapReduce K-Mean Cluster Algorithm*

- International Journal of Current Engineering and Technology
- E-ISSN 2277 - 4106, P-ISSN 2347 - 5161 Vol.5, No.3 (June 2015), pp. 1636-1640, **CA, USA, GIF: 4.550.**

19. *Mobile Communications: Implication Issues*

- International Journal of Computer Trends and Technology (IJCTT)
- E-ISSN: 2231-2803, P-ISSN: 2349-0829, ISSN: 2231-2803. Vol. V 49, No. 1, pp. 9-14, July 2017. **Impact factor: 2.75.**

**PAPERS PUBLISHED IN CONFERENCE PROCEEDING- INTERNATIONAL/NATIONAL LEVEL:**

1. *E-Commerce and Data Mining: Ingredients and Challenges*

- Five Day International Conference on Statistics, Probability, Operations Research, Computer Science and Allied Areas

- Andhra University, Visakhapatnam, Andhra Pradesh in conjunction with IISA and IPS during January 4-8' 2010.
- 2. A Comparative Study on Grid Computing Vs. Cloud Computing
  - UGC Sponsored National Conference on Advances in Computational Intelligence and Computer Engineering –ACICE 2013.
  - 23-24 Oct 2013, SPMV(women University) Tirupati, A.P., Pages no.31
- 3. *Mobile Cloud Computing: Challenges and Issues for the Next Generation Computing*
  - AICTE sponsored International Conference on Cloud Computing (ICCC2013),
  - ISBN: 978-1-63041-906-6, 26-28 November 2013, Jayamukhi Institute of Technological Sciences, Warangal, AP. pp.23-30.
- 4. *Database Migration Tool with Secure and Proper Error Handling Approach*
  - ISBN:978-93-5107-228-7, Proceeding in ICPVS2014 Conference, Kakatiya University, Warangal, Published by **Elsevier and University Press**, PP. 188-198.
- 5. *Enhancement of Entrepreneurial skill for all adult Indians through e-learning*
  - ISBN:81901649-9, Proceeding in ICNGE3 2014 conference, SR Engineering college, Warangal, PP. 145-152
- 6. Extracting the Features of Web Images: Effective Methods of Image Mining Techniques
  - National Conference on Data Mining and Machine Learning (NCDMA-2014) 3-5, July 2014, S.V.University, Tirupati. Published by IJERT, ISSN:2278-0181, 3 July, 2014, Vol. 2, Issue 15, pp. 42-46, Impact Factor 1.76
- 7. Ethical Hacking Tools: A Situational Awareness
  - International Journal of Emerging Technology in Computer Science & Electronics, ISSN: 0976-1353, Vol.11 Issue 1, Nov 2014, pp. 33-38.
- 8. Grid Computing: Addressing Middleware Technologies
  - Two day national conference on Recent Trends in Information Technology – NCRTIT 2014
  - Sponsored by UGC, ISBN 978-81-925229-5-1, pp.5-8, 7th -8th March 2014, organized by Sree Ayyappa College, Erramallikkara, Chenganur, Alappuzha(D), Kerala State.

9. A Framework For Secure Mobile Cloud Computing
  - Published by AISC series of **Springer** (ICCII-2016) during May 28 -30, 2016 at JNTU, Hyderabad.
10. A Survey Study on SVD and Genetic Algorithm Based Digital Watermarking Techniques
  - Published by AISC series of **Springer** (ICCII-2016) during May 28 -30, 2016 at JNTU, Hyderabad.

#### **WORKSHOPS / SEMINARS / TRAINING AND FACULTY DEVELOPMENT PROGRAMMES**

1. *A Refresher Course on Data Warehousing and Data mining*
  - Sponsored by MHRD Govt. of India, conducted by Dept. of computer science & Engineering, National Institute of Technology, Warangal during May 18-30' 2009.
11. *Two Day workshop on "Data Mining"*
  - Sponsored UGC, conducted by Dept. of Informatics, Kakatiya University, Warangal during March 21-22' 2009.
12. *19<sup>th</sup> Orientation Course*
  - Sponsored by UGC and conducted by Academic staff college, JNTU Hyderabad, during 28-02-2011 to 30-03-2011.
13. *A Refresher Course on "Free and Open source Software for Embedded Systems Development"*
  - Sponsored by UGC and conducted by Academic staff college, JNTU Hyderabad, during 25-02-2013 to 16-03-2013.
14. *Orientation Program for Young Teachers from University in Telangana State*
  - Sponsored by UGC and APSCHE conducted by IQAC, kakatiya university, Warangal, during 15-22 Dec 2014.
15. *Two-week ISTE STTP on Introduction to Design of Algorithms*
  - Sponsored by National Mission on Education through ICT (MHRD Govt.) of India, conducted by Dept. of CSE, NIT Warangal and IIT Kharagpur during 27th April to 30th May, 2015.
16. FDP on "Big Data Analytics and Internet of Things"
  - Sponsored by MHRD and conducted by NIT Warangal, during 22<sup>nd</sup>-31<sup>st</sup> May 2017.