Dr. Jayadev Gyani
Assistant Professor

Education:

Ph.D.   Computer Science, University of Hyderabad, India, 2009
M.Tech. Computer Science & Engineering, Osmania University, India, 1994
B.Tech. Mechanical Engineering, Kakatiya University, India, 1991
AMIE   Computer Engineering, Institution of Engineers India, 2001

Academic Experience:
Academic Appointments - Majmaah University, Saudi Arabia
08/2015 – till date   Assistant Professor   College of Computer and Information Sciences

Academic Appointments -Jayamukhi Institute of Technological Sciences, India
05/2007 – 07/2015   Professor & Head   Computer Science &   Engineering

Academic Appointments -Kakatiyai Institute of Technology & Science, India
07/2005 - 05/2007   Assistant Professor & Head Information Technology
05/2001 - 07/2005 Assistant Professor   Computer Science & Engineering
09/1996 - 05/2001 Lecturer   Computer Science & Engineering

Academic Appointments - Alluri Institute of Management Sciences, India
09/1995 - 09/1996 Lecturer   Computer Applications

Academic Appointments - Kakatiya University, India
04/1995 - 09/1995 Lecturer   Computer Applications

Certifications:
- IBM DB2 9.7
- IBM Rational Application Developer for Websphere v 6.0
- IBM Lotus Notes and Domino 8.0
- PHP Fundamentals from IIT, Bombay
- Python Fundamentals from IIT, Bombay

Current Membership in Professional Organizations:

Member of ACM, Senior Member of IEEE, Senior Member of IACSIT,Singapore

Grants received:
- UGC travel grant of Rs.56,824/- for presenting a paper at EuroPLoP-2005, Germany
- AICTE Grant of Rs.15,00,000 under MODROBS for establishing "Sensor Laboratory"
- AICTE Grant of Rs.7,00,000 to conduct Staff Development Programme on "Web Technologies"
- AICTE Grant of Rs.10,00,000 for Research Proposal Scheme on "RFID Applications for Real World Problems"
- AICTE Grant of Rs.2,00,000 for conducting International Conference on "Cloud

Computing"

Books Authored:
Principles of Programming Languages, Hi-tech publications

Honors & Awards:
- University 2nd Rank in B.Tech.
- Received IBM Best Faculty Mentor Award for TGMC 2013 Contest

Most Important Publications and Presentations (Past 5 years):

InternationalJournals:

1. Jayadev Gyani, Kiran Kumar B, Narsimha G, "Mining Frequent Patterns from Bug Repositories", International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X,Vol. 4(5), pp 698-704,May 2014(Impact Factor 2.08)
2. Jayadev Gyani, Raghuram Bhukya, " Fuzzy Generalized Classifier for Distributed Knowledge Discovery" , International Journal of Business Intelligence and Data Mining, Vol.8, No.3, 2013, pp 227-243
3. Jayadev Gyani, Arshia,K.Srinivas, "Revised Conditional Shortest Path Routing in Delay Tolerent Networks", International Journal of computational Mathematical Ideas, Vol.4, No.3, ISSN :0974-8652, Pp 1007-1012, 2012
4. Jayadev Gyani, N.Sadanandam, G.Jose Mary, "Perceptual Features and Content-based Image Retrieval System Implementation Using Sketches", International Journal of Research and Computational Technology, Vol.4, ISSN:0975-5665, Oct-2012
5. Jayadev Gyani, G.Roopa, P.Srinivas Rao, "Detecting Malicious Packet Losses Using Red Algorithm", International journal on Information and Communication Engineering(IMES), ISSN 2250-1118, Pg.no 43-50, Jan 2012
6. Jayadev Gyani, G.Vishnu Prasad, B.Rajkumar, "Accounting Policies for AAA Systems in Mobile Telecommunication Networks", International Journal of Engineering Research and Applications, Vol.2, ISSN:2248-9622, pp.522-531, Jan-Feb 2012
7. Jayadev Gyani,G.Naveen Kumar, V.Sravan Kumar,"Dense Micro sensor Network with distributed compression Techniques," International Journal of Research and Computer Science Applications, Vol.2,ISSN:0975-5665,June,2012
8. Jayadev Gyani, M.Kishore, B.Srinivas, "A combined two step approach for detecting input validation attacks against web applications", International Journal of Computer Science& Informatiocs(IJCSI), ISSN 2231-5292,Vol II
9. Jayadev Gyani, M.Rajendra Prasad, PRK Murti, "Mobile Cloud Computing: Implications and Challenges",Journal of Information Engineering and Applications, ISSN 2224-5782, Vol 2, No.7, pg.no.7-16, 2012
10. Jayadev Gyani, R.Sandhyarani, B.Rajkumar, "Construction of Community Web Directories based on Web usage Data", Advanced Computing: An International Journal (ACIJ), Vol.3, No.2, March 2012,ppno.41-48
11. Jayadev Gyani,K.Madhavi Latha, P.Ranjith Kumar, "Implementation of Wireless Group Support System in Mobile Healthcare", International Journal of Computer Science Issues, Vol. 8, Issue 6, No 2, November 2011,ppno.278-282
12. Jayadev Gyani, B.Raghuram, B.Hanmanthu, "Fuzzy Associative Classifier for Distributed Mining", International Journal of Computer Applications, ISBN: 973-93-

80864-56-2, No.9, ppno.1-5

13. Jayadev Gyani, P.Niranjan, P.Shireesha, "Reusable Web Design Patterns for Online Derivatives Trading", International Journal of Computer Engineering and Technology,Vol.2,Oct-Nov 2011

14. Jayadev Gyani, S.Gouthami, P.Srinivas Rao, "Improved Free-Form Database Query Language for Mobile Phones", International Journal of Computer Science Issues, Vol. 8, Issue 5, No 1, September 2011, ISSN: 1694-0814,ppno.231-234

15. Jayadev Gyani, G.Jose Mary, "A Novel Approach for Estimating the Cognition Level of a Student in Adaptive Learning System", International Journal of Intelligent Information Processing, Volume2, Number3, September 2011,ppno.1-8,ISSN :2093-1964

International Conferences:

1. Raghuram Bhukya, Jayadev Gyani, "Fuzzy associative classification algorithm based on MapReduce framework", International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT), 2015, pp 357-360

2. Jayadev Gyani, Raghuram Bhukya,"Incremental Associative Classfication on Distributed Databases", IEEE International Conference for Convergence of Technology-2014, pp.1-6,ISBN 978-1-4799-3759-2

3. Jayadev Gyani, Bhaskar A, Narsimha G, " A Novel Approach to Predict the Popularity of the Video", IEEE Region 10 Symposium TENSYMP, Malaysia, ISBN No: 978-1-4799-2027-3, pp 571-576

4. Jayadev Gyani, Mahesh Kumar G, Ramachandram S., " A Robust Trust Model Based on Grid Certificate and Reputation using GridSim", 2nd International Conference ICACM-2013, ISBN No: 9789351071495,pp 250-255

5. Jayadev Gyani,M.Narender,R.Bharat Kumar," Secure Data Storage in Cloud Using Message Authentication Code", International Conference on Cloud Computing , ISBN-978-1-63041-906-6,Nov 2013

6. Jayadev Gyani, K.Srinivas, V.Thirupathi, " Program Development on Smart phones: A New Era of Mobile Cloud Computing", International Conference on Cloud Computing , ISBN-978-1-63041-906-6,Nov 2013

7. Jayadev Gyani,Jose Mary G, Gouthami S," A Survey on Usage of HTML5 in Mobile Cloud Computing Applications", International Conference on Cloud Computing , ISBN-978-1-63041-906-6,Nov 2013

8. Jayadev Gyani, P.Srinivas Rao, " Improving Cloud Storage Data Security in Cloud Computing Systems by Enhancement of RC6 Block Cipher Algorithm", International Conference on Cloud Computing , ISBN-978-1-63041-906-6, Nov 2013

9. Jayadev Gyani, Mahesh Kumar G, "A Novel Approach for Mobile Agent Based Trust Model For Cloud Computing", International Conference on Cloud Computing , ISBN-978-1-63041-906-6, Nov 2013

10. Jayadev Gyani, M.Rajendra Prasad, K.Lakshman Naik, "Contrasting the Similarities between Grid Computing and Cloud Computing", International Conference on Cloud Computing , ISBN-978-1-63041-906-6, Nov 2013

11. Jayadev Gyani, B.Kiran Kumar, G.Narsimha, "Sequential Cyclomatic Complexity Over a Chain of Function Calls", International Conference on Networks and Information (ICNI 2012), IPCSIT vol. 57 (2012),pg.no.106-110, Singapore

12. Jayadev Gyani, B.Raghuram, "Privacy Preserving Associative Classification on

Vertically Partitioned Databases", IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), 2012, pg.No.202-206, ISBN No. 978-1-4673-2047-4

13. Jayadev Gyani, N.Sarika, V.Sravan Kumar,An E-mail Users Clustering Model Based on Text Similarities Between E-mails", International Conference on Information and Communication Technology,Chennai, Pg.no.1-7, 25th Dec-2011

14. Jayadev Gyani, M.Kishore, "Divide And Conquer Approach For Detecting Input Validation Attacks Against Web Applications", Accepted for publication in International Conference on Advances in Computers, Communication and Bio-Instrumentation Engineering-2011,AP,India

15. Jayadev Gyani, K.Srinivas, T.Ramakrishna, "Efficient Network Intrusion Detection system using Boyer Moore Algorithm", proceedings of International Conference on Information Technology and Management, ICITM-2011,ppno.18-22

16. Jayadev Gyani, Syeda Farha Shazmeen, "A Novel Approach for Clustering E-mail Users using Pattern Matching", International Conference on Electronics Computer Technology, ICECT-2011,8-10,April 2011,ppno.205-209, ISBN 978-1-4244-8677-9

Professional Development Activities (Most recent):

1. Reviewer of the Journal of Engineering and Applied Sciences, ISSN: 1658-6638, Majmaah University, 2017

2. Conducted a Workshop on " Python for Image Processing", CCIS, Majmaah University, 2016

3. Conducted a Workshop on "R Language for Machine Learning", CCIS, Majmaah University, 2016

4. Delivered a Seminar on "Effective Teaching Techniques", CCIS, Majmaah University, 2016

5. Delivered a Seminar on "Prediction Case Study using R Language", CCIS, Majmaah University, 2016

6. Conducted a Workshop on "Image Processing Techniques using Python and OpenCV", CCIS, Majmaah University,2016