Ramakrishna Reddy Dubbudu
*Asst. Professor in **Computer Science (C)**,*

Dept. of Mathematics
University College of Science, **OU,**

Hyderabad – **500 007.**
(M)   91-92478 42403
E-mail: drkreddymca@gmail.com

Educational Qualifications

Examination Passed	Subject / Specialization	University/Board	Year of passing	Thesis title
Ph D	Computer Science	Rayalaseema Univ., Kurnool	2017	An EAI Technology - Track and trace solution for Production Industries
M Tech	Computer Science & Engineering	JNTU	2012	
PGDBM	*Diploma* in Business Management	Osmania	2005	
P G	MCA	Osmania	2001	
U G	B.Sc. (MPC)	Osmania	1998	
Others	Certificate in Computing (CIC)	Indira Gandhi Open Univ.	1998	
Intermediate	MPC	Board of Intermediate	1995	
S S C	CBSE	**Jawahar** Navodaya Vidyalaya, *Karim nagar*	1993	

Work Experience:

Teaching Experience:

1. Working as Assistant Professor in Computer Science at Department of Mathematics, **Univ. College of Science, Osmania University,** *from* **1-2-2012** to **till date.**

2. Lecturer (Academic Consultant) in **Osmania University PG** College**, Bhiknur**, (Dist) Nizamabad - *from* Nov 2001 to Dec 2003 (**2 years +**).

3. Lecturer (Academic Consultant) **in Osmania University PG** College of Science**, Saifabad** Dec 2003 to April 2004 (**1 full Semester**).

Software Experience :

Worked as **Software Engineer,** *Senior Consultant***, in Goldstone Technologies –** *from* April 2004 to May 2010 (**6 years +**)

Skill Summary

Operating Systems	Win NT/2K(as a development environment), SOLARIS 8.0, HP-UX 11, AIX, Red Hat Linux 8.0
Languages	C, C++, HTML, MS Cobol
Databases	SQL Server 7.3, Oracle
Tools	Visual Source Safe, CVS, Rational Rose, Win Runner, Load Runner, Test Director
Integration Tools	AMTrix, XIB, MQSeries, Sentinel, XFB, Passport, Axway Designer
Mapping Tools	Data mapper

Onsite EXPERIENCE:

Project #1   :   **Collaborative Xchange SA (Pty) Ltd**
Client location :   South Africa
Work Location :   Axway office, Uxbridge, **London, UK**.
Role   :   Involved in Mapping for the reservation requirements of the client.
                         The mapping is from XML to XML using the Axway Datamapper 3.0.6
                         Created Documentation of the MBCs involved in the Project

Project #2   :   **DHL Global Business Services**
Work Location :   Axway office, Uxbridge, **London, UK.**
Role   :   Involved in solving the configuration problems.

Refresher / Certificate Courses Attended/ Conducted :

1. **Co-ordinator for the .NET Certificate** course (May 27th 2013 to July 10th 2013)

   conducted at Department of Mathematics, Univ. College of Science, Osmania University.

2. **Rational Clear case Fundamentals for Windows :** 31st May – 1st June 2002.

   from Rational University

2. **OOAD using UML & ROSE -   :** 10th to 14th Dec' 2001

3. **Rational Team Test Fundamentals for Functional Testing :** 28th May – 30th May 2002

4. **Certificate in Computing (CIC) –** Indira Gandhi National Open University (IGNOU) :1998.

Professional Memberships:

    1. Life Member – Institute of Electronics and Telecommunication Engineers (IETE)

       i) Served as EC Member IETE, Hyd Chapter for 2018-20 & 2020-22

       ii)Chairman R&D and Industrial Coordination Committee

   iii) Life Member -- Instrument Society of India (ISOI)

       i) EC Member ISOI, Hyd, Chapter for 2021-24

       ii) GC Member ISOI Head Office, Banglore, 2024 to …

List of Publications

Details of Publications – **Conferences**, *Research Papers (International, National)*

CONFERENCES Attended --   **(International, National)**   **-- (7)**

1. Two day national level conference on "Interdisciplinary Research on recent trends in Information Technology and Computer Engineering" (NCRTIT – 2015), 22 and 23 January 2015, D.Y. Patil College of Engineering, Akurdi, Pune.

2. One day National Seminar on E-commerce-Impact on Economic Development, 27 February 2015 at BVRRIT, Hyderabad.

3. One day National Conference on Emerging areas of Research in Renewable Energy Resources and Electronics in India (NCEREE-2015).

4. 3rd National Conference on Computer Networks & Information Security (NCCNIS-2014) funded by **AICTE, 4-5 March 2014**, Vasavi College of Engineering, Hyderabad.

5. National Seminar on DIGITAL HUMANITIES: CORE TECHNOLOGIES, **December 11-12, 2014**, Dept of Computer Science, University College for Women, Koti, Hyderabad.

6. Natonal Seminar on Physics and Quality of life, **March 2014**, Dept of Physics and Electronics, OUCW, Koti, Hyderabad.

7. *Semantic Similarity Measurement between Words using Lexical Patterns –* *Presented* at the **International Conference** on Innovation of Computer Science & Engineering (ICICSE-2013), **September 20th & 21st, 2013**, in collaboration with **Computer Society of India (CSI)**. Conference Proceedings: **Paper ID. 212, Page No: 485-490.**

RESEARCH PAPERS *Published* **--**   **(International, National)**   **-- (17)**

1. *An EAI Technology – Track and Trace Solution for Production Industries –*
<u>D. RAMA KRISHNA REDDY</u>, Prof P. PREMCHAND
ISSN: 2278-7798, International Journal of science, Engineering and Technology Research (IJSETR), Volume 06, Issue-4, April 2017, p673-680.

2. *Track and Trace Solution for Pharma Industry Using- Enterprise Application Integration Technology-*
<u>D. RAMA KRISHNA REDDY</u>, Prof P. PREMCHAND

e-ISSN: 2278-0661, p-ISSN: 2278-8727 IOSR Journal of Computer Engineering (IOSR-JCE), Volume 19, Issue 2, Ver. IV (Mar - April 2017), p83-88.

3. *Supporting Access Control for Corporate Websites using DMZ Networks in Configuring Firewalls -*
AZMATH MUBEEN, D. HEMA LATHA, D. RAMA KRISHNA REDDY, PID-0063, published in proceedings of Two day national level conference on "Interdisciplinary Research on recent trends in Information Technology and Computer Engineering" (NCRTIT – 2015), 22 and 23 January 2015, D.Y. Patil College of Engineering, Akurdi, Pune, p: 200-210.

4. *A Study on 5th Generation Mobile Technology* 5G *- Future Network Service –*
D.HEMA LATHA, D. RAMA KRISHNA REDDY, K.SUDHA, AZMATH MUBEEN, T.S.SAVITA
ISSN:0975-9646, (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (6) , 2014, 8309-8313.

5. *Implementation of Security Mechanism for Bluetooth Communication -*
D. HEMA LATHA, D. RAMA KRISHNA REDDY, K. SUDHA, T.S. SAVITA, AZMATH MUBEEN   Journal of Multidisciplinary Engineering Science and Technology (JMEST), ISSN : 3159-0040, Volume 1, Issue 4, NOVEMBER-2014, p154-160.

6. *Re-Encryption Scheme to Provide Secure Data Forwarding in Cloud Storage System -*
D. HEMA LATHA, D. RAMA KRISHNA REDDY, K. SUDHA - INTERNATIONAL Journal of Engineering Sciences & Research Technology (IJESRT),   Volume 3, Issue 11, November, 2014, p148-152.

7. *Implementation of TCP Congestion Control mechanism for Wireless Networks using TCP Reserved Field and Signal to Noise Ratio (SNR) -*
D. HEMA LATHA, PROF. T. NARAYANA RAO, D. RAMA KRISHNA REDDY
International Journal of computer (IJC) (2014),   Volume 15,No 1, p 14-28, July 2014

8. *A Survey on Comparison of Optical Packet Switching and Optical Burst Switching Technologies –*
D. HEMA LATHA, D. RAMA KRISHNA REDDY AND SUDHA KATKURI
International Journal of Research and Development in Technology and Mangement Science – Kailash, Volume 21, Issue 1, PAPER Id: IJRDTM – 05275   ISBN – 978-1-63102-445-0, MARCH 2014

9. *Assessment of Medium Access Control Protocols for Wireless Sensor Networks -*
D. HEMA LATHA, D. RAMA KRISHNA REDDY AND SUDHA KATKURI –
Proceedings of 3rd *National Conference* on Computer Networks & Information Security (NCCNIS-2014), p100-108,   4-5 March 2014.

10. *Assessing Reliability of Software Using Optimization Technique based on Ant Colony System-*
AZMATH MUBEEN, D.HEMA LATHA, D. RAMA KRISHNA REDDY
 Proceedings of 3rd *National Conference* on Computer Networks & Information Security (NCCNIS-2014), p 38-43, 4-5 March 2014.

11. *A comparative study of Optical Packet Switching and Optical Burst Switching -*
 D. HEMA LATHA, D. RAMA KRISHNA REDDY, AZMATH MUBEEN, K. SUDHA
National Seminar on Physics & Quality of Life (NSPQL 2014) 24th to 25th February Organized by Department of Physics and Electronics, Osmania University College for Women, Hyderabad, India,

International Journal of Innovative Research in Science, Engineering and Technology
An ISO 3297: 2007 Certified Organization, Volume 3, Special Issue 2, p 28-35, February 2014

12. *A Study on Quality of Service for Computer Networks -*
    D. HEMA LATHA, <u>D. RAMA KRISHNA REDDY</u> AND AZMATH MUBEEN
IOSR Journal of Computer Engineering (IOSR-JCE),   E-ISSN: 2278-0661, p-ISSN: 2278-8727,
Volume 16, Issue 1, Ver. V (Jan. 2014), p 51-55, www.iosrjournals.org

13. *Cost based Integrated MAC and Routing Algorithms for Wireless Sensor Networks -*
  D. HEMA LATHA, <u>D. RAMA KRISHNA REDDY</u>, K.SUDHA
  One day National Conference on Emerging areas of Research in Renewable Energy Resources
  and Electronics in India (NCEREE-2015).

14. *Recognition of Facial Expression Using Facial Movement Features –*
    <u>D. RAMA KRISHNA REDDY</u>, D. HEMA LATHA, SUDHA KATKUTI
International Journal of Engineering and Computer Science (IJECS)*,* ISSN: 2319-7242, Volume
3 Issue1 JANUARY, 2014, p 3794-3804.

15. *Balancing Qualitative and Quantitative strategies for Research in Digital Humanities –* D.
HEMA LATHA, <u>D.RAMAKRISHNA REDDY</u>, K. SUDHA, AZMATH MUBEEN
    National Seminar on DIGITAL HUMANITIES: CORE TECHNOLOGIES, DECEMBER 11-12, 2014

16. *A Comparative study Intrusion Detection Systems in Mobile Ad-Hoc Networks, -*
    AZMATHMUBEEN, D.HEMA LATHA, <u>D. RAMA KRISHNA REDDY</u>
      IJRDTM – Kailash | ISBN No. 978-1-63041-994-3, Volume 20 Issue 08 2013*,*
 International Journal of Research & Development in Technology and Management Science
http:// www.ijrdtm.com | http://journal.rtmonline.in, Paper Id: IJRDTM-05256, p1-11.

17. *Semantic Similarity Measurement between Words using Lexical Patterns –*
        D. HEMA LATHA, <u>D. RAMA KRISHNA REDDY</u> and SUDHA KATKURI
Proceedings - ***International Conference*** on Innovation of Computer Science & Engineering
(ICICSE-2013), **September 20th &21st, 2013**,   in collaboration with ***Computer Society of India
(CSI).***   ISBN: 978-81-7800-313-9, Conference Proceedings: Paper ID. 212, p 485-490.