



Dr. J RAJESHWAR

B.Tech(CSE), M.Tech(CSE),Ph.D(CSE)

HOD & Professor in CSE

Profile of Dr J RAJESHWAR:

Dr. J RAJESHWAR is Head of the department and professor in CSE. He worked in the various positions as Principal and Training and Placement Officer. He has more than 16 years of teaching experience. He obtained his B.Tech (CSE) from JNTU College of Engineering, JNTU Hyderabad in the year 2000 with distinction, M.Tech (CSE) from Osmania University College of Engineering OU Hyderabad with distinction. He obtained his PhD from JNTUH College of Engineering, JNTUH, Hyderabad in the year 2016 for his research contribution in the area of Mobile Adhoc Networks(MANET's) Security. He published six international journals, four national journals and published his two papers in international conferences. He conducted a couple of short term courses, seminars, workshops and delivered few expert lectures. He is expert at guiding projects for under graduate and post graduate students, guiding students for paper presentation, project exhibition and poster presentation.

Professional Experience: 16 Years

| Sr.No | Name of the Organization | Position Held | Period | Experience |
|-------|--|----------------------------|--------------------------|---------------------|
| 1 | VIJAY RURAL ENGINEERING COLLEGE | Professor & HOD | 06-04-2015 to till date | 1 YEAR 4 MONTHS |
| 2 | Tirumala Institute of Technology & Science | PRINCIPAL, Professor & HOD | 01-04-2014 to 31-03-2015 | 1 YEAR |
| 3 | VIJAY RURAL ENGINEERING COLLEGE | Professor & HOD, TPO | 1-06-2007 to 30-03-2014 | 6 YEARS 9 MONTHS |
| 4 | GURU NANAK ENGINEERING COLLEGE | Sr.Assistant professor | 29-09-2005 to 31-05-2007 | 1 YEAR 8 MONTHS |
| 5 | KSHATRIYA COLLEGE OF ENGINEERING | Assistant Professor | 01-10-2004 to 28-09-2005 | 1 YEAR |
| 6 | VIJAY RURAL ENGINEERING COLLEGE | Assistant Professor | 01-08-2000 to 30-09-2004 | 4 YEARS 1 MONTHS |

Administrative Experience: 10 Years

- Head of the Department for CSE from April 2015 to till date
- Principal in "Tirumala Institute of Technology & Science" and Principal for II Shift Polytechnic from 01-04-2014 to 31-03-2015
- Head of the Department for IT from June 2007 to March 2014, looking after the departmental activities, student counseling, career guidance, AICTE/JNTU AFFILIATION work. In VIJAY RURAL ENGINEERING COLLEGE
- Training and Placement Officer for the college from June 2007 to March 2014, Training the students to be ready for the industry, conducting campus drives. In VIJAY RURAL ENGINEERING COLLEGE
- JKC(Jawahar Knowledge Centre) Coordinator from June 2007 to March 2014 In VIJAY RURAL ENGINEERING COLLEGE
- Single Point of Contact (SPOC) for Infosys for conducting soft skills and technical modules from June 2007 to March 2014. In VIJAY RURAL ENGINEERING COLLEGE
- Head of the Department for Polytechnic CSE/ECE/EEE since July 2013 In VIJAY RURAL ENGINEERING COLLEGE
- Worked as a team member in the NBA(National Board of Accreditation) for CSE Department in GURU NANAK ENGINEERING COLLEGE during From September 2005 to May 2007

Research Area/Specialization:

- Computer Networks, Network Security and Mobile AdHoc Networks (MANET).

Research Publications:

International/national Journals/conferences published:

International Journal Publications: 07

National Conferences: 04

International Conference: 02

List of Publications in Journals:

1. Mr. Jarupula Rajeshwar, , "Secure way routing protocol for mobile adhoc networks" in International Journal of Wireless Networks, Springer, ISSN 1022-0038, Wireless Netw DOI 10.1007/s11276-015-1161-3, Volume 21 (2015), No. 8 published November 2015, published online 21st December 2015. © Springer Science Business Media New York 2015.
2. J. Rajeshwar, , "Security requirements to the routing information of a Adhoc On-demand Distance Vector (AODV) routing protocol in Mobile Adhoc Networks (MANET)" in International Journal of Advanced Research in Computer and Communication Engineering (IJARECCE), ISSN (Print): 2319-5940,ISSN (Online) : 2278-1021, Vol. 2, Issue 11, November 2013. Website: www.ijarcc.com. Impact Factor: 1.770, Indexed by Google Scholar, DOI 10.17148/ijarcc.ISO 3297: 2007
3. Published a international paper title ".An Effective Strategy of Firewall Based Matching Algorithm" in International Journal of Modern Engineering Research

(IJMER), ISSN: 2249-6645, Vol. 3, Issue. 5, Sep - Oct. 2013 pp-3116-3117,
Website: www.ijmer.com

4. J. Rajeshwar, "Cipher suites -The cryptographic computations in routing of a Mobile Adhoc Networks (MANET)" in International Journal of Science and Research (IJSR), Online ISSN: 2319-7064, Volume 2 Issue 3, March 2013. Website: www.ijsr.net. Impact Factor: 4.438, Indexed by Index Copernicus, Computer Science directory
5. J. Rajeshwar, , " A Comparative study on secure routing algorithms SAODV and A-SAODV in Mobile Adhoc Networks(MANET)-The Enhancements of AODV " in International Journal of Computers and Technology (IJCT)", ISSN: 2277-3061, Volume 3, No 2, December 2012. Website: www.cirworld.com. Impact Factor: 1.392. Indexed with, Academic Journals Database, Harvard Library, Google Scholar, Eyesource, EBSCO.
6. J. Rajeshwar, "Security Challenges related to routing in Mobile AdHoc Networks (MANET) and proposed solutions" in International Journal of Electronics Communications and Computer Technology (IJECCCT)", ISSN (online):2249-7838, Volume 2 Issue 6 November 2012. Website: www.ijecct.org. Impact Factor: 1.245, Indexed by DOAJ.
7. J. Rajeshwar, , " A Review on Security issues in Routing of a Mobile AdHoc networks – A Survey Paper " in International Journal of Science & Technology (IJST) ",ISSN (online): 2250-141X, Volume 2 Issue 4, September 2012. Website: www.ijst.co.in. Impact Factor: 3.966, Indexed by open access, Cite Factor.

List of Publications in Conferences:

1. J. Rajeshwar, "A Comparative Analys of Security Features of AODV SAODV AND SRAODV in A Mobile Adhoc Networks (MANET)" in a Inter National Level Conference on "Innovations in Computer Science and Information Technology (ICICSIT-2015)" conducted in association with IEEE, CSI and ISTE held on 28th & 29th August, 2015 at Mahatma Gandhi Institute of Technology (Accredited by NBA), Gandipet, Hyderabad. T.S, ISBN No: 978-93-85100-08-6, PP 79-82.
2. J. Rajeshwar, "Attack Prevention Methods for the Mobile Adhoc Networks (MANET) " in a National Level Conference "Recent Trends in Science and Technology (NCRST-2015)" conducted in association with ISTE, held on 25th & 26th February, 2015 at JNTUH College of Engineering Jagityal, JNTUH, kondagattu, Jagityal, Dist: Karim Nagar, T.S, INDIA. ISBN No: 978-93-82570-52-3, PP 195-198.
3. J. Rajeshwar, " Routing Security In Mobile Adhoc Networks (MANET) A Comparative Analys Of AODV and SAODV " in a International Conference on "2nd - INTERNATIONAL CONFERENCE ON INNOVATIONS IN COMPUTER SCIENCE & ENGINEERING (ICICSE-2014)" conducted in collaboration with CSI, held on 8th & 9th August 2014 at Guru Nanak Institutions Technical Campus, Ibrahimpatnam, Hyderabad, T.S INDIA. ISBN No: 978-93-82163-44-2, PP 436-439.
4. J. Rajeshwar, , " A Brief insight into the ad hoc routing protocols for Mobile Adhoc Networks (MANET) " in a 3rd National Level Conference on "Advances in Mechanical, Civil, Electrical, Electronics, Computer Applications and Management (AMCEECM-2014) held on 4TH & 5TH February,2014 at TSSM'S Bhivarabai

Sawant College of Engineering & Research, Narhe,Pune.INDIA, ISBN No: 13:978-81-920425-2-7.

5. J. Rajeshwar, , "A Comprehensive study on secure routing algorithm for Mobile Adhoc Networks (MANET) - Authenticated Routing for Ad hoc Networks (ARAN)" in a National Level Conference "Advanced Computing and Pattern Recognition (ACPR-14)" conducted in association with CSI & ISTE, held on 8th & 9th Jan, 2014 at JNTUH College of Engineering Jagityal, JNTUH, kondagattu, Jagityal, Dist: Karim Nagar,A.P,INDIA. ISBN No: 9789383038176, pp 96-100.
6. J. Rajeshwar, , " A Survey on Latest Research Trends in Wireless Sensor Networks (WSN)-A Mobile Adhoc Networks(MANET) " in a National Level Conference on "Advanced Computing and Pattern Recognition (ACPR-14)" conducted in association with CSI & ISTE, held on 8th & 9th Jan,2014 at JNTUH College of Engineering Jagityal, JNTUH, kondagattu, Jagityal, Dist: Karim Nagar,A.P,INDIA. ISBN No: 9789383038176, pp 123-126.

Certified Courses:

- A certificate from TTTI (A Training course on teaching and evaluation methods to engineering students) in the year 2002.
- Received an appreciation certificate from INFOSYS for an extraordinary contribution for conducting Infosys Campus Connect Foundation Program during the year 2011.
- Oracle certified java professional (05-10-2015).

Work Shop / Seminars / Conferences Attended:

1. Attended a one week 60 hours Faculty Development Program (FDP) on "Java Fundamentals and Java Programming" Conducted by Oracle FDP at Kshatriya college of Engineering, Nizamabad,T.S. from 05-10-2015 to 09-10-2015.
2. Attended A Three day National Level workshop on "NETWORK SIMULATION USING NS-2" held during 5th to 7th March 2014 at JNTUH COLLEGE OF ENGINEERING, JNTUH Nachupally ,Dist: Karim Nagar, A.P.
3. Attended a National work shop on "Advanced Computing and Pattern Recognition (ACPR-14)", conducted in association with CSI & ISTE, held on 7th Jan,2014 at JNTUH College of Engineering Jagityal, JNTUH, kondagattu, Jagityal, Dist: Karim Nagar,A.P,INDIA.
4. Attended a National Level workshop on "NETWORK SIMULATORS FOR WIRED AND WIRELESS NETWORKS WITH SECURITY" held during 29th & 30th, December 2010 at JNTUH COLLEGE OF ENGINEERING, JNTUH, Nachpally,Dist: Karim Nagar, A.P.
5. Attended a workshop on "Infosys Foundation Program FP Modules" at Infosys Company, Hyderabad. During the year 2009

Work Shop / Seminars / Conferences Organized:

1. Organized a Two day workshop on "IBM tools" at vijay rural engineering college, Nizamabad during the year 2008.
2. Conducted short time courses like DB2, .NET,RAD, Infosys Foundation Program (FP2.0 & FP3.0) in Vijay Rural Engineering College in the academic years from 2007 to 2012
3. Conducted Technical Symposiums at Vijay Rural Engineering College during the Year 2008,2009,2010,2011 and 2012

Awards:

- Received Telugu Vignana Parithoshikam (TVP) A MERIT scholarship in 7th class and 10th Class from Govt. of Andhra Pradesh.

Subjects Taught: (for UG)

- C Programming Language
- C++, java(using Object Oriented Programming Concepts)
- Data Structures using C/C++
- Discrete Structures (Mathematical Foundations of Computer Science)
- Language processors(Compiler Design)
- Theory of Computations
- Numerical Methods
- Software Engineering
- Software Testing Methodologies
- Operating Systems
- Distributed Operating Systems
- Systems Programming
- Computer Graphics
- Real Time Systems
- DBMS (Data Base Management Systems)
- Information Retrieval Systems
- Computer Networks
- Network Security (Information Security)
- Wireless Networks and Mobile Computing
- Infosys Campus Connect Foundation Program modules(Client Server Computing, Programming Fundamental, Introductions to Web Technologies, Analysis of Algorithms)

Subjects Taught: (for PG)

- Network Security (Information Security)
- Information Retrieval Systems
- Java Programming
- Wireless Networks and Mobile Computing