



.Net Framework 2.0, Web Applications
SQL Server 2005

Ranjit Kumar Nukathati, Ph.D applicant for Computer Science

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Objective	To work as a researcher in a world-class university or research lab on challenging and interesting problems with highly competent and visionary researchers. The work should be exciting and motivate me to come up with new ideas, that will influence the way computers are used, and make a positive impact on people's life.	
Research Interest	Computer Networks, Ad-Hoc, Mobile and Wireless Networks, Data Structures.	
Education	JNTU College of Engineering, Anantapur M.Tech with Software Engineering Department of Computer Science and Engineering JNTU, Hyderabad. Intell College of Engineering and Technology, Anantapur B.Tech with Computer Science Department of Computer Science and Engineering JNTU, Hyderabad.	
Achievements and Scholarships	Qualified <i>GATE-2013</i> Examination with <i>92.57</i> percentile. Qualified <i>GATE-2006</i> Examination with <i>89.56</i> percentile. Secured <i>state 74th</i> rank in <i>Andhra Pradesh State Residential Junior Colleges (APRJC)</i> Examination for Intermediate in 2000. UGC-GATE Fellowship, JNTU Anantapur during M.Tech 2006-2008.	
Publications	Ranjit Kumar Nukathati <i>Efficient Doubletree: An Algorithm for Large Scale Topology Discovery</i> Published in, IOSR Journal of Computer Engineering (Citation 71.6%) IOSR JCE(International Organization of Scientific Research)-August 2013 e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol. 13, Issue 3 DOI :10.9790/0661-1330512 http://www.iosrjournals.org/iosr-jce/pages/v13i3.html Middle East Journal of Scientific Research (MEJSR - ISI & Scopus Indexed Journal) IDOSI (International Digital Organization for Scientific Information) e-ISSN: 1999-8147, p-ISSN: 1990-9233, Vol. 15 Issue 9, 2013 DOI: 10.5829/idosi.mejsr.2013.15.9.11480 http://www.idosi.org/mejsr/mejsr15(9)13.htm Accepted to Publish in, International Journal of Computer Networking, Wireless and Mobile Communications - IJCNWMC (Impact Factor-JCC -5.2749) e-ISSN: 2278-9448, p-ISSN: 2250-1568, Vol. 3, Issue 3	

International Journal of Computer Science and Network Security
ISSN: 1738-7906, Vol. 13, Issue 7 (IJCSNS- July 2013)

International Journal on Computer Science and Information Technologies
ISSN: 0975-9646, Vol. 4, Issue 4 (IJCSIT -July - Aug 2013)

International Journal of Engineering and Computer Science
e-ISSN: 2319-7242, Vol. 2, Issue 7 (IJECS - July 2013)

International Journal of Computer Science and Communication Networks
ISSN: 2249-5789, Vol. 3, Issue 4 (IJCSN – August 2013)

International Journal of Research in Engineering and Technology
(IJRET) e-ISSN: 2319-1163, p-ISSN: 2321-7308, Vol. 2, Issue 8

International Journal of Application or Innovation in Engineering &
Management – (IAIEM), ISSN: 2319-4847

International Journal of Research and Reviews in Applied Sciences
(IJRRAS) e-ISSN: 2076-7366, p-ISSN: 2076-734X, Vol. 16, Issue 1

Online Journal of Bio-Sciences and Informatics
ISSN: 2320-2912, Vol. 4, Issue 2

Under peer-reviewed,

IAENG International Journal of Computer Science
(IAENG -International Association of Engineers), 2013
e-ISSN:1819-9224, p-ISSN: 1819-656X

Conferences

N.Ranjit Kumar (2008). *International Conference on Recent Trends in Computational Science*, conducted at TIST, Cochin sponsored by Ministry of Defense, Kerala.11th-13th June 2008.

R.Raja Sekhar, *Asst.Proff in Computer Science Dept. JNTU* and N.Ranjit Kumar (2008). *National Conference on Emerging Trends in Engineering 2008*, conducted at SVP CET, Tirupati.16th-17th April 2008.

Accepted for Conferences in,

5th International Conference on Signal Processing System-2013 (ICSPS-2013)
December 6-7th 2013, Sydney, Australia.

International Conference on Computer Science and Information Technology-
2013 (CSAIT-2013), September 21-23rd 2013, Kunming, China.

Membership

Member at, *International Association of Engineers* (IAENG), Hong Kong.
Membership Number: 133148.

Member at, *International Association of Computer Science and Information
Technology* (IACSIT), Singapore. Membership Number: 80347416.

Member at, *The Society of Digital Information and Wireless Communications*
(SDIWC), USA. Membership Number 209.

Member of, Editorial Board & Review Committee in *International Journal of
Scientific and Engineering Research* (IJSER).

Workshops

Attended two days workshop on “*Linux Environment for Educational
Institutions*”, Lectures and hands on experience class taken by Software
Engineers, at JNTUCE Anantapur, Dec 10-11, 2007.

Certifications

Microsoft Certified Technology Specialist (MCTS).

70-431 TS: *Microsoft SQL Server 2005* - Implementation and Maintenance.

70-528 TS: *Microsoft .NET Framework 2.0* - Web-Based Client Development.

70-536 TS: *Microsoft .NET Framework* -Application Development Foundation.

Work
Experience

Worked as an Assistant Professor in *Computer Science Department, Ananthalakshmi Institute of Technology and Sciences, Anantapur* from Sep'2008 to Dec' 2011.

Academic
Projects

Postgraduate research project

Efficient Doubletree: An Algorithm for Large Scale Topology Discovery.

It is an algorithm developed for discovering the large scale topologies in computer networks implemented using the concepts of JAVA. The existing Doubletree algorithm faces the problem of redundancy. To solve this, the Efficient Doubletree algorithm is proposed which reduces redundancy while maintaining nearly the same level of nodes and link coverage. Algorithm quantifies the amount of redundancy Efficient Doubletree simultaneously meets the conflicting demands of reducing intramonitor and intermonitor redundancy.

Undergraduate research project

Web-Based Education Management System.

A project which is related to web based education management and Information system, which enables schools/colleges and their branches to access, record, report manage student and employee data and performance in real-time. The modules in the project are Admissions, Library Management System, Hr, Administration, and Payroll.

Skill Set

C, C#, .NET Framework ASP.NET, ADO.NET, SQL Server 2005, UNIX, Linux, Windows

Extra-
Curricular
Activities

Member of Organizing Committee of *PIXEL2006, a National Level Symposium conducted by CSE dept of JNTUCEA.*

Stood 1st in drawing out of 400, on the occasion of Mahatma Gandhi's Jayanthi conducted by Lions Club, Anantapur (2nd Oct' 1999).

Served as a *Class Representative* in B.Tech.

Captain of CSE Dept. cricket team for M.Tech.

Many Prizes and Recognitions won at *Drawing and Music competitions* in School and College days.