



Dr. Athota Kavitha

Assistant Professor & Addl. Controller of Examinations

Computer Science & Engineering

Areas of Interest:

Areas of interest are Qos in Wireless Networks, High Speed Networks. Courses taught include Advanced Computer Architecture, Operating System, Mobile Computing, Object Oriented Analysis and Design, SE, Middleware Technologies.

- **▶ Educational & Professional**

- **▶ Academic Qualifications**

- ▶ M.Tech. in Computer Science, School of IT, JNTUH with Distinction (2002-2004)
- ▶ B.Tech. in Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad with Ist Class with Distinction (1997-2001)

- **▶ Professional Experience**

- **▶ At JNTUH**

- ▶ Assistant Professor, JNTUH College of Engineering, JNTUH (2003 - Till Date)

- **▶ Research**

- **▶ Research Projects**

- ▶ *QoS Support for Realtime Traffic over MANETs*, funded by AICTE - 6.9 Lakhs (2007 - 2012)

- **▶ Publications**

- **▶ International Journals**

- ▶ Kavitha Athota, Atul Negi, *A topology preserving cluster-based channel assignment for wireless mesh networks*, International Journal of Communication Systems, ISBN No.1099-1131, Vol No.28, pp.1862-1883, John Wiley & Sons, May, 2014

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International Conference

- ▶ Kavitha Athota, Atul Negi, *A Topology-aware Contributory Load based Channel Assignment algorithm for WMN*, Eleventh International Conference on Wireless and Optical Communications Networks (WOCN), ISBN No.978-1-4799-3155-2, pp.1-5, IEEE, September, 2014
- ▶ Kavitha Athota, Atul Negi, Andre Rossi, *A Contributory Load based Channel Assignment for Wireless Mesh Networks*, International Conference on Communication and Computing (ICC - 2014), ISBN No.978-93-5107-244-7, pp.188-194, Elsevier, June, 2014
- ▶ Kavitha Athota, StalinBabu G and Atul Negi, *Performance analysis of routing metric for MultiRadio MultiChannel WMN*, International conference on Communications in Computer and information Science, Vol No.270, pp.709-717, CCIS, Springer, 2012
- ▶ Jyothi K P T and Kavitha Athota, *Performance Analysis of IEEE 802.11e over WMNs*, Second World Congress on Information and Communication Technologies, pp.662-665, IEEE, 2012
- ▶ Kavitha Athota, Atul Negi and C Raghavendra Rao , *Interference-traffic aware Channel Assignment for MRMC WMN*, Second International Advance Computing Conference, pp.273-278, IEEE, 2010
- ▶ S Agrawal, Kavitha Athota et.al.,, *Session reports for SIGCOMM*, Computer Communication Review, pp.66-83, ACM, 2010
- ▶ Raju B, Athota Kavitha and Atul Negi, *A Distributed Cluster based Interference-traffic aware CA for MRMC WMN*, Fifth International Conference on Wireless Communication and Sensor Networks, pp.158-163, IEEE, 2009

- **Events Participated/Organized**

- **Organized**

- Organized a Workshop on Design and Development of Small Satellites, JNTUH College of Engineering, 26-08-2016 to 27-08-2016

- Organized a Workshop on Machine Learning with Python, Department of CSE, JNTUHCEH in association with IEEE CIS chapter, IEEE Hyderabad Section, 15-07-2016 to 16-07-2016

- Organized a Workshop on Software Engineering, JNTUH College of Engineering, 22-03-2016 to 27-03-2016

- **Resource Person**

- Resource Person in a Tutorial on *Information Technology - Fundamentals for 62nd Batch of IRS*, NADT, Nagpur, 27-04-2010

- **Participated**

- Participated in a Workshop on *Wireless Sensor Networks: Network Architectures, Protocols and Applications*, NIT Warangal, 30-05-2016 to 08-06-2016

- Participated in a Workshop on *Advanced Web Technologies*, C-DAC in association with NIT-W, 18-05-2016 to 27-05-2016

- Participated in a Workshop on *Cloud Big Data Analytics with Microsoft Azure Machine Learning and Power BI Tools*, IEEE CIS, IEEE Hyderabad section, 16-04-2016 to

- Participated in a Workshop on *Embedded Systems*, CBIT in association with ESCI, 28-03-2016 to 01-04-2016

- Participated in a Workshop on *Cloud Computing and Data Analytics*, Department of CSE, Univeristy College of Engineering, OU in association with ESCI, 08-02-2016 to 12-02-2016

- Participated in a Refresher Course on *Open Source Software in Academic Institutions*, UGC-ASC, Hyderabad, 14-02-2011 to 10-03-2011

- Participated in a Conference on *ACM SIGCOMM 2010*, New Delhi, 30-08-2010 to 03-09-2010

- Participated in a Conference on *COMSNETS 2010*, Bangalore, India, 05-01-2010 to 09-01-2010

- Participated in a Conference on *Fifth International Conference on Wireless Communication and Sensor Networks*, IIIT, Allahabad, 15-12-2009 to 19-12-2009

- Participated in a Workshop on *Video Streaming Technologies*, CDAC, Hyderabad, 10-08-2009

- Participated in a Conference on *International Conference on Computer and Network Technology (ICCNT 2009)*, Chennai, India, 24-07-2009 to 26-07-2009

- Participated in a Conference on *Fourth International Conference on Information System security*, JNTU, Hyderabad, INDIA, 16-12-2008 to 20-12-2008

- Participated in a Tutorial on *Wireless Networks*, Univerity of Hyderabad, India, 18-11-2008

- Participated in a Conference on *Wireless Communication & Sensor Networks*, IIIT, Allahabad, 26-09-2008 to 29-09-2008

- Participated in a Workshop on *Ubicomp India-2008*, CDAC, Hyderabad, 26-08-2008

- Participated in a Orientation Course on *A Four-week orientation course*, UGC-ASC, Hyderabad, 25-02-2008 to 22-03-2008

- Participated in a Workshop on *E-Swecha*, JNTU College of Engineering, Hyderabad, 30-01-2008 to 31-01-2008

- Participated in a Workshop on *Research Challenges in Wireless and Optical Communication Networks*, Anna University, Chennai, 30-03-2007 to 31-03-2007

- Participated in a Workshop on *TCP/IP Networks & Protocols*, JNTU College of Engineering, Hyderabad, 06-12-2006 to 08-12-2006

- Participated in a Training on *Embedded Systems*, Sumargasai Technologies Pvt. Ltd., 16-01-2006 to 21-01-2006

- Participated in a Refresher Course on *Mobile Computing*, UGC-ASC, Hyderabad, 08-11-2004 to 30-11-2004

- Participated in a Training on *Remote Sensing and GIS*, IST, JNTU, 15-03-2004 to 27-03-2004

- **▶ Teaching**

- ▶ Object Oriented Analysis and Design in B.Tech.(III/IV) II-nd Sem (2012-13)

- **▶ Downloads**

- ▶ review
- ▶ CA

Contact :

Dr. Athota Kavitha

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Official Email: athotakavitha@jntuh.ac.in

Alternate Email: athotakavitha@jntuh.ac.in

Phone: 040-32408718