

Name : Dr. Aakanksha

Designation : Assistant Professor

Email id : [aakanksha\\_v@yahoo.co.in](mailto:aakanksha_v@yahoo.co.in), [aakanksha123v@gmail.com](mailto:aakanksha123v@gmail.com)

Website/ Blog :

Qualifications : M.Sc. (Computer Sc.), M.Tech. (Computer Sc.), M.Phil (Computer Sc.),  
Ph.D. (Computer Sc.)

Research Areas : Mobile Ad-hoc Networks, Computer Networks, Swarm Intelligence

Publications :

1. *Trusted and load-balanced Ant-based Routing in Mobile Ad-hoc Networks*, International Journal of Artificial and Soft Computing 4(2/3): 195-211 (2014)
2. *Trust and context view-based knowledge sharing in MANets*, International Journal of Trust Management in Computing and Communications, ISSN online: 2048-8386, Inderscience Publishers, vol. 1, No. 1, 2012, pp. 85-103.
3. *Mobile Process Groups based Device/Service Discovery and Interoperability in MANets* in International Conference on Intelligent Systems Design and Applications (ISDA 2012), pp. 466-471. (Indexed in DBLP, Google Scholar)
4. *MPG\_AbTR: Ant Based Trusted Routing in MANets Using Mobile Process Groups*, in Proceedings of the International Conference on Soft Computing for Problem Solving (SocProS 2011), AISC (Springer), vol. 130, pp. 367-376. (Indexed in DBLP, Google Scholar)
5. *MPG-STAR: Mobile Process Groups Based Secured and Trusted Routing for MANets*, International Conference on Computational Intelligence and Communication Networks (CICN 2011), pp.549-553. (INSPEC Accession Number: 12461740, DOI: 10.1109/CICN.2011.118)
6. *MPG-TAR: Mobile Process Groups Based Trust Aware Routing Protocol for MANETS*, International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2010), pp.131-135. (INSPEC Accession Number: 11679392, DOI: 10.1109/ARTCom.2010.18)
7. *A Self-organizing Self-healing On-demand Loop-free Path Routing Protocol Using Mobile Process Groups for Mobile Ad-hoc Networks*, International Conference on Advances in Recent Technologies in Communication and Computing, 2009. (ARTCom 2009), pp.396-400. (DBLP, Google Scholar)
8. *Load Balancing on Dynamic Network Using Mobile Process Groups*, International Conference on Advanced Computing and Communications, (ADCOM 2007), pp.553-558. (ACM Digital Library) DOI:10.1109/ADCOM.2007.27

## Book Chapters

1. Aakanksha, Bedi, P., "Trustworthy Communication in Ad-hoc Networks". Book chapter in Managing Trust in Cyberspace, CRC Press, Taylor & Francis Group. (ISBN: 1466568445, 9781466568440)

