

Name: Reena Kasana

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Experience:

Currently, teaching at department of Computer Science, University of Delhi from July 2018

Academic Qualifications

Degree	Year of Passing	Board/University
Ph.D. Computer Science & Technology	-	Jawaharlal Nehru University, New Delhi
M. Tech. Computer Science & Technology	2013	Jawaharlal Nehru University, New Delhi
M.Sc. Informatics	2010	University of Delhi, New Delhi
B. A.Sc.(H) Electronics	2008	University of Delhi, New Delhi
12 th Mathematics (Senior Secondary School)	2005	Central Board of Secondary Education
10 th (High Secondary School)	2003	Central Board of Secondary Education

List of Publications

Journal

- [1] **Reena Kasana**, Sushil Kumar, Omprakash Kaiwartya, W.Yan, Y. Cao, A.H.Abdullah "Location Error Resilient Geographical Routing for Vehicular Ad-hoc Networks" IET Intelligent Transport Systems, Vol. 11, Issue. 8, pp. 450-458. doi: 10.1049/ietits.2016.0241 (SCI, IF=1.194)
- [2] **Reena Kasana**, Sushil Kumar, Omprakash Kaiwartya, Rupak Kharel, Jaime Lloret, Naman Aslam, Tong Wang, "Fuzzy-based Channel Selection for Location-Oriented Services in Multichannel VCPS Environments" IEEE Internet of Things (Early Access). Doi: 10.1109/JIOT.2018.2796639 (SCI, IF=7.596)
- [3] **Reena Kasana**, Sushil Kumar, " A Survey on Geocast Routing Protocols in Vehicular Ad-hoc Networks" (To Be Communicated)

Conferences

- [1] **Reena Kasana**, Sushil Kumar, " Reliable Geographic Routing Protocol for Vehicular Ad-hoc Networks under Shadowing and Multipath Environments" In proceedings of International Conference on

- Information and Communications Technology (ICOIACT 2018), IEEE Indonesia (Presented)
- [2] **Reena Kasana**, Sushil Kumar, Omprakash Kaiwartya, “ Towards Location Error Resilient Geographic Routing for VANETs” In proceedings of International Conference on Computing, Communication and Automation (ICCCA 2017), pp. 691-697, IEEE India (Published)
 - [3] **Reena Kasana**, Sushil Kumar, “ A geographic routing algorithm based on cat swarm optimization for vehicular ad-hoc networks”, In proceedings of International Conference on Signal Processing and Integrated Networks”, (SPIN), IEEE , pp. 86-90, Noida, India, 2-3 February (Published)
 - [4] **Reena Kasana**, Sushil Kumar, Multimetric Next Hop Vehicle Selection for Geocasting in VANETs”, in Proceedings of International Conference on Computational Intelligence and Communication Technology (CICT), IEEE, pp. 400-405, Ghaziabad, India, 13-14 February, 2015 (Published)
 - [5] O. Kaiwartya, S. Kumar and **Reena Kasana**, “Traffic light based time stable geocast (T-TSG) routing for urban VANETs,” In Proceedings of International Conference on Contemporary Computing (IC3), IEEE, pp.113-117, 2013, India (Published)

Honors

- **Best Coordinator Prize, in Annual Technical Fest Electromania '06**, Shaheed Rajguru College of Applied Sciences, University of Delhi
- **Organizing Committee Member**, Reminiscence'08 - Alumni Meet, Techspur'08-Annual Seminar, Envisage'09- Annual Technical Fest, Institute of Informatics and Communication, University of Delhi
- **Member of Student Placement Team and Brochure Designing Team**, Institute of Informatics and Communication, University of Delhi [2009-2010]
- **Lab administrator**, Institute of Informatics and Communication, University of Delhi [2009-2010]
- UGC-NET Junior Research Fellowship from November, 2012-2017
- **IEEE ICOIACT Student Travel Grant Award Winner**, 2018
- **Session Chair** in IEEE Conference ICOIACT 2018
- **Reviewer** of IEEE Internet of Things Journal, IET Intelligent Transportation Systems, Hindawi Journal of Computer Networks and Communications