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Publications (Journal):

1. S. Sethi, **Ashima Rout**, D.J Mishra, “ An Effective and Scalable AODV for Wireless Ad hoc Sensor Networks”, IJCA, vol. 5,No.4, pg. 33-38, 2010.
2. S. Sethi, Sangita Pal, **Ashima Rout**, “Effective Performance Evaluation of On-Demand Routing Protocol for CRAHN”, IJACR, vol. 3, No-2, issue-8 pp. 259-262, March 2013.
3. **Ashima Rout**, S. Sethi, “Throughput Analysis of Spectrum in Cognitive Radio Ad Hoc Network”, IJAIEM, vol. 2, issue-6, pp.502-506, July 2013.

4. P. Dhal, Sethi, **Ashima Rout**, "Traffic Load Analysis of Hybrid MAODV for Mobile Ad hoc Network", IJCSSEECE 4(1), vol.1. Issue-1, pp. 33-36, Nov 2013.
5. **Ashima Rout**, S. Sethi, P K Banerjee, "Aspects and Approaches of Spectrum Sensing Techniques in Cognitive Radio Network: A Survey", IJETCAS, vol.3, No-2, pp. 268-275, 2015.
6. Prajna P. Nanda, Sethi, **Ashima Rout**, "A Study on "EEG in Brain Computer Interface", IJCA, vol. 1, pp. 0975-8887, 2017.
7. Anurupa Kar, **Ashima. Rout**, "Analysis of Link Budget Power using Particle Swarm Optimization Technique under Path Loss in Secured Cognitive Ad-hoc Network", International Journal of Research in Computer and Communication Technology, (IJRCCT), Vol.6, Issue-4, pp.115-120, 2017.

Publications (Conference):

1. S. Sethi, **A. Rout**," Improved MAODV for Ad hoc Sensor Network", 2nd International Conference on Sensor and related Network (SENNET-2009), VIT,81-8424-541-7.
2. S. Sethi, **A. Rout**, B D Sahoo," Ant Based Ad hoc Routing Protocol for MANET", CAMIST-2010,978-0230-32875-4.
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10. S. Sethi, Sangita Pal, **A Rout**, “Effective Performance Evaluation of On-Demand Routing Protocol for Cognitive Radio Ad Hoc Network”, International Conference on Advance Computing and Communication,2249-7277.
11. **Ashima Rout**, Abinash Prusty, “Performance Evaluation of Traffic load in Cognitive Radio Network”, National Conference on Multi-objective Optimization using Metaheuristic Approaches in various Engineering Applications, Mar 2013.
12. Anil Ku Swain, Tripathy, **Ashima Rout**, “Optimized Spectrum Sensing in Cognitive Radio Network”, National Conference on Multi-objective Optimization using Metaheuristic Approaches in various Engineering Applications.
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17. **Ashima Rout**, Anurupa Kar, Srinivas Sethi: “Analysis of Trustworthiness and Link Budget Power under Free Space Propagation Path Loss in Secured Cognitive Radio Ad-hoc Network”, Frontiers in Intelligent Computing Theory & Applications (FICTA-2016),978-981-10-3152-6.

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