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Ph.D related publications

Journals

1. **Jhunu Debbarma**, Sudipta Roy, and Rajat K. Pal, *Cross-Layer Design Approach with Power Consciousness for Mobile Ad-hoc Networks*, International Journal of Wireless and Mobile Networks, ISSN: 0975-3834, vol. 4, no. 3, pp. 51-63, June 2012.
2. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *A Survey on Cross-Layer Design for Bandwidth Management in Mobile Ad-hoc Networks*, International Journal of Computer Application, ISSN: 0975-8887, vol. 60, no. 7, pp. 1-8, December 2012.
3. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *Cross Layer Architecture Resource Accessibility Control in Mobile Ad-hoc Networks*, Elixir International Journal, ISSN: 2229-712X, no. 51, April 2013.
4. **Jhunu Debbarma**, Shimal Das, Rupanjal Debbarma, and Sudipta Roy, *Management of Node Mobility in Mobile Ad-hoc Networks using Multipath Routing Protocol*, International Journal of Advanced Research in Computer Science, ISSN: 0976-5697, Vol. 2, no. 5, Sept. 2011.

National Conferences/International Conferences/Seminars

1. **Jhunu Debbarma**, Ratnajit Chakma, Shimal Das, Sudipta Roy, and Rajat K. Pal, *Secured Multicast Communication through Key Distribution Method in Mobile Ad-hoc Networks: Aspects in Globalization, International Seminar on Globalization-Its Issues & Challenges with Special Reference to India*, October 2011.

2. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *Mobile Ad-hoc Network: Challenges in the Research Activities National Conference on Research and Higher Education in Information Technology (RHEIT-2013)*, Assam University, February 2013.
3. **Jhunu Debbarma**, Mrinal K. Debbarma, Nikhil Debbarma, Sudipta Roy, and Rajat K. Pal, *An Energy-efficient Protocol for Power Conservation in Mobile Ad-hoc Networks*, 2013 International Symposium on Computational and Business Intelligence, Proc. of IEEE Computer Society Publishing, ISBN: 978-0-7695-5066-4, pp. 239-242, August 2013.
4. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *Energy Management System in Mobile Ad-hoc Networks through Cross-Layer Framework*, IEEE workshop on Computational Intelligence: Theories, Applications, and Future Directions, Department of Electrical Engineering, IIT Kanpur, July 2013.
5. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *An Energy-efficient Framework for Performance Evaluation of Mobile Ad-hoc Networks*, Proc. of International Conference in Multimedia Processing, Communication and Information Technology, Jawaharlal Nehru National College of Engineering, Shimoga, December 2013.
6. **Jhunu Debbarma**, Mrinal K. Debbarma, Sudipta Roy, and Rajat K. Pal, *A Cross-Layer Approach for Network and MAC Layers in Mobile Ad-hoc Networks*, Proc. of National Seminar on Energy Science, Tripura Institute of Technology, Agartala, November 2013.