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Research Areas: Mobile Networks, Graph Theory, Reinforcement Learning

Recent Publications

- Reinforcement Learning Based Virtual Backbone Construction In Manet Using Connected Dominating Sets, D.S.John Deva Prasanna ,Hindustan Institute Of Technology And Science, Chennai, Dr.D.JohnAravindhar, Hindustan Institute Of Technology And Science, Chennai, Dr.Sivasankar.P, Nitttr, Chennai, Mr.Karthickeyan Perumal, Fremont, California,, in The International Conference on recent trends in Engineering and Scientific Technology (ICTEST'20),

- D.S.John Deva Prasanna, Dr.D.John Aravindhar,& Dr.A.George Amalanathan" A survey on routing algorithms based on connected dominating sets in MANETS",978-1-5386-2745-7/17/$31.00 ©2017 IEEE, 1206-1209 - **Scopus and WoS Indexed**

- D.S. John Deva Prasanna, Dr.D. John Aravindhar, Dr.P. Sivashankaran, Dr. Amalanathan George "Dual Connected Dominating Sets for Load Balancing in MANETs", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 03-Special Issue, 2018. ISSN 1943-023X – **Scopus Indexed**.

- "A survey on routing algorithms based on connected dominating sets in MANETS" in International Conference on Intelligent Computing and Control Systems on 15th June 2017.

- "Dual Connected Dominating Sets for Load Balancing in MANETs" International Conference on Engineering and Advancement in Technology 2018, on 22, March 2018