

Publications of Dr. Kumar Gaurav

Journals:

1. Kumar Gaurav, Saumik Bhattacharya, Yatindra Nath Singh, and Sayantari Ghosh, , “*To Purchase or to pirate: Investigating the role of social influence on digital piracy contagion*”, Pramana Journal of Physics, 96(3), pp.1-12, 2022
2. Kumar Gaurav, Sayantari Ghosh, and Saumik Bhattacharya, Sayantari Ghosh, and Y.N. Singh, “*Ensuring the spread of referral marketing campaigns: a quantitative treatment*”, Scientific Reports, Nature Research, pp. 1-15, 2020
3. Kumar Gaurav, S Bhattacharya, and S Ghosh, “*Viral Marketing on Social Networks: An Epidemiological Perspective*”, Physica A: Statistical Mechanics and its Applications, Vol. 525, pp. 478-490, 2019
4. S Dhuli, Kumar Gaurav, and Y N Singh, “*Convergence analysis for regular wireless consensus networks*”, IEEE Sensors Journal, no.8, pp. 4522-4531, 2015

Conferences (Peer-reviewed):

1. Ganapati Dash, Kumar Gaurav, S Ghosh, “*Effects of Vaccination Decisions and Peer influence on Epidemic Dynamics: A Network Perspective*”, IEEE International Conference INDICON, IIT Guwahati, December 2021
2. R. N. Tripathi, Kumar Gaurav, Y. N. Singh, “*Configuration of the Communication Radius for Partial Coverage in Deterministic WSN Topologies*”, International Conference on Advances in Signal Processing and Communication Engineering (ICASPACE), Hyderabad, July 2021
3. Avani Kesarwani, Ashutosh Singh, Kumar Gaurav, Ashok Kumar Shankhwar, “*Leader Similarity Based Community Detection Approach for Social Network*”, IEEE International Conference for Innovation in Technology (INOCON), 2020
4. Kumar Gaurav, S Dhuli, and Y N Singh, “*Fraction of connections among friends of friends as a new metric for network analysis*”, National Conference on Communications (NCC), 2018
5. Kumar Gaurav, S Ghosh, S Bhattacharya, and Y N Singh, “*Equilibria of Rumor Propagation: Deterministic and Network Approaches*”, IEEE Region Ten Conference (TENCON), pp. 2029 – 2034, 2017