

## **Dr. E.Grace Mary Kanaga**

- [1]. S. Seetha, Sharmila Anand John Francis, **E. Grace Mary Kanaga**, Esther Daniel (2020), “ESAM - Energy Saving Slot Allocation Based Multicast Routing in Wireless Mesh Network”, EAI Endorsed Transactions on Energy Web, Scopus indexed, Impact Factor: 0.38, ISSN: 2032944X.
- [2]. S. Seetha, Sharmila Anand John Francis, **E. Grace Mary Kanaga**, (2020) “PDSCM: Packet Deliverance aware Secured Channel Selection using Probability Estimation based Multicast Routing in Wireless mesh networks”, (communicated )
- [3]. Sminessh, C.N., **Grace Mary Kanaga, E.**, Sreejish, A.G. (2020), A multi-controller placement strategy in software defined networks using affinity propagation, International Journal of Internet Technology and Secured Transactions, 10(1-2), pp. 229-253. (Scopus Indexed – SJR : 0.314)
- [4]. C. N. Sminessh, **E. Grace Mary Kanaga**, and A. G. Sreejish (2020), Augmented Affinity Propagation-Based Network Partitioning for Multiple Controllers Placement in Software Defined Networks, Journal of Computational and Theoretical Nanoscience ,Vol. 17, 228–233. (Scopus Indexed)
- [5]. Sminessh, C.N., **Mary Kanaga, E.G.**, Roy, A. (2019), Optimal multi-controller placement strategy in SD-WAN using modified density peak clustering, IET Communications, 13 (20), pp. 3509-3518 (SCI indexed IF : 1.779)
- [6]. Hepsiba, P. S., & **Grace Mary Kanaga, E.** (2019). Intelligent scheduling of bag-of-tasks applications in the cloud. International Journal of Advanced Computer Science and Applications, 10(5), 473-480. (SCIE indexed)
- [7]. Seetha, S., Sharmila Anand, J. F., & **Grace Mary Kanaga, E.** (2019). RFSMPF: Rank based forwarder selection in MCAST with fuzzy optimized path formation in wireless mesh network. *Wireless Networks*, doi:10.1007/s11276-019- 02091-7 Impact Factor: 2.45., (SCI indexed)
- [8]. Belfin, R.V., **Grace Mary Kanaga, E.** (2018), Parallel seed selection method for overlapping community detection in social network Scalable Computing, 19 (4), pp. 375-385. (Scopus Indexed)
- [9]. Sminessh, C.N., **Grace Mary Kanaga, E.**, Ranjitha, K. (2018), “A proactive flow admission and re-routing scheme for load balancing and mitigation of congestion propagation in SDN data plane”, International Journal of Computer Networks and Communications, pp.117 - 134, vol.6. (Scopus Indexed)
- [10]. Belfin. R.V., **E. Grace Mary Kanaga** and Piotr Bródka (2018), “Overlapping Community Detection using Superior Seed Set Selection in Social Networks”, Journal

of Computers & Electrical Engineering, Vol 70, pp. 1074-1083. Elsevier.(SCI indexed) (SJR: 0.490)

[11]. M. Lavanya and **E. Grace Mary Kanaga** (2017), “An Efficient Patient Scheduling System with the Leader and Follower Particle Swarm Optimization”, Journal of Advanced Research in Dynamical and Control Systems,11, pp.374 -382. ISSN: ISSN: 1943 – 023X (Scopus indexed) (SJR: 0.136)

[12]. J.Srija, Rose Rani John, **E. Grace Mary Kanaga** (2017), “An Element Search Ant Colony Technique for Solving Virtual Machine Placement Problem”, Journal of Physics: Conference Series (892), PP. 1 – 9. [doi:10.1088/1742- 6596/892/1/012007] (Scopus indexed)

[13]. Cidharth.S, **E. Grace Mary Kanaga** (2014) " Brain Computer Interface: The Present and Future Technology ", International Journal of Engineering Research & Technology (IJERT) , Vol. 3 (1) , pp. 1179 – 1182, ISSN: 2278-0181.

[14]. Greeshma Gopal., **E. Grace Mary Kanaga** (2013) “A Study on Enhancement Techniques for Mammogram Images”, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 2, Issue 1, pp 36-39.

[15]. Amar Jukuntla, **E. Grace Mary Kanaga** (2013) “Flowshop Scheduling Using Multiagents with Adaptive Auction”, International Journal of Computational Engineering Research, vol. 3, no. 3, pp. 238-242.

[16]. Nisha Wilvicta J. and **E. Grace Mary Kanaga** (2013) “Agent Based Decision Support System for Identifying the Spread of Nosocomial Infections in a Rural Hospital”, International Journal of Engineering Research and Applications, Vol.3 (2), pp.1628-1633.

[17]. G. Mageswari, **E. Grace Mary Kanaga** (2012) “Literature Review on Patient Scheduling Techniques,” International Journal on Computer Science and Engineering Vol.4, No.3, pp.397- 401. ( ISSN: 0975-3397 )

[18]. G. Mageswari, **E. Grace Mary Kanaga** (2012), “A Distributed Optimized Patient Scheduling using Partial Information,” International Journal of Artificial Intelligence & Applications, Vol.3, No.3, pp.83-94. ( ISSN: 0976-2191 ) DOI : 10.5121/ijaia.2012.3307

[19]. **E. Grace Mary Kanaga**, M.L .Valarmathi, Preethi.S.H.Darius,” Dynamic Multi-agent Based Patient and Resource Scheduling, ” International Journal of Computer Science and Engineering Systems, Vol.4, No.2, pp.1-11, April 2010 ( ISSN:0973-4406 )

- [20]. **E.Grace Mary Kanaga**, M.L.Valarmathi, Juliet.A.Murali, "Agent Based Patient Scheduling Using Heuristic Algorithm," International Journal on Computer Science and Engineering, Vol.02, No.01S, pp.77-83, 2010. (ISSN: 0975-3397)
- [21]. **E.Grace Mary Kanaga**, M.L.Valarmathi, Juliet.A.Murali, "Survey on Scheduling with Learning Techniques," International Journal of Recent Trends in Engineering, Vol. 3, No.2, pp. 160-162, 2010 (ISSN 1797-9617)
- [22]. **E.Grace Mary Kanaga**, M.L.Valarmathi, J.Dhiviya Rose, "Coordinated Multi- Agents Based Patient Scheduling Using Genetic Algorithm," International Journal of Recent Trends in Engineering, Vol. 3, No.2, pp. 177-179, 2010 (ISSN 1797-9617)
- [23]. **E.Grace Mary Kanaga**, M.L.Valarmathi, Juliet.A.Murali, "An Agent Based Approach to Patient Scheduling Using Experienced Based Learning," International Journal of Agent Technologies and Systems, Vol.02, No.04, pp., October 2010. (ISSN: 1943-0744)
- [24]. **E.Grace Mary Kanaga**, Muniappan Lakshapalam Valarmathi, Octet Roselin, "A Multi-agent System for detection of micro-calcification in Mammograms," International journal on Atti Della Fondazione Giorgio Ronchi. Vol. LXIV – N.3, pp. 407 – 417, 2009 (ISSN:0391 2051 )