

Dr. E. Grace Mary Kanaga,
Associate Professor,
Department of Computer Science and Engineering,
Karunya Institute of Technology and Sciences,
Karunya Nagar, Coimbatore – 641114
E-Mail: grace@karunya.edu

INTERNATIONAL JOURNAL

[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.

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.

[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: 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.

INTERNATIONAL CONFERENCE

[1]. Grace Mary Kanaga, E., & Jacob, L. R. (2021). *Smart solution for waste management: A coherent framework based on IOT and big data analytics* , Advances in Intelligent Systems and Computing Volume 1167, 2021, Pages 97-106 , Springer [Scopus Indexed]

[2]. Seetha, S., Francis, S. A. J., **Kanaga**,.(2019, March). “A Framework For Multi-Constraint Multicast Routing In Wireless Mesh Networks.” In *2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)* (pp. 445-451). IEEE. –[**Scopus indexed.**]

[3]. S. Seetha, Sharmila Anand John Francis, **E. Grace Mary Kanaga**,.(2019, December), Optimal placement techniques of mesh router nodes in Wireless Mesh Networks” in Springer International Conference on Big Data Innovation for Sustainable Cognitive Computing, [**Web of Science indexed**]

[4]. **E. Grace Mary Kanaga**, Sthuti, J., Sharon, C. B., & Reethu, J. K. (2019). A comparative analysis of classification algorithms on different stimuli for EEG based BCI applications. Paper presented at the *Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI*

[5]. Belfin, B. R., **Grace Mary Kanaga**, E., & Brodka, P. (2018). Regional clustering of indian hospitals for better health. Paper presented at the *2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018*, doi:10.1109/ICCSDET.2018.8821072 [Scopus Indexed]

[6]. Christy Mariam Issac and **E. Grace Mary Kanaga** (2017), “ Probing on Classification Algorithms and Features of Brain Signals Suitable for Cancellable Biometric Authentication”, in the IEEE Conference on Computational Intelligence and Computing Research (ICCIC 2017), December 2017, pp. 561 – 564. (ISBN:978-1-5090-6620-9) (Scopus Indexed)

[7]. Preethi S H Darius and **E. Grace Mary Kanaga** (2017), “Bag-of-Tasks Intelligent Scheduling Agent (BISA) in Cloud Computing”, in the International Conference ICACCP 2017, Sep 2017

[8]. J Srija, Rose Rani John and **E. Grace Mary Kanaga** (2017), “A Multi-Objective Direct Guidance Ant Colony System for Virtual Machine Placement Problem”, in the 6th International Conference on Computer Science and Computational Mathematics (ICCSM 2017), Malaysia, pp. 141-145.

- [9]. Sherin Tresa Paul, Kumudha Raimond, **E. Grace Mary Kanaga** (2017), “A Survey on Pediatric Asthma Exacerbation and its Correlation with Atmospheric Pollutants” , in the International Conference on Intelligent Computing and Control(I2C2), June 2017, pp. 275 – 279.(DoI: 978 -1- 5386-0373-4)
- [10]. **E. Grace Mary Kanaga**, Muthu Kumaran, M. Hema, R.Gowri and Tina (2017), “An Experimental Investigations on classifiers for Brain Computer Interface based Authentication”, in the International Conference on Trends in Electronics and Informatics (ICEI 2017), May 2017, pp.1066 – 1071(DoI: 978-1-5090-4257-9/17)
- [11]. Srija, Rose Rani and **E.Grace Mary Kanaga** (2017), “ A Delve into Ant Colony Optimization for Virtual Machine Placement Problem”, in the proceedings of International conference on Big Data and Cloud Computing (ICDBCC17), April 2017,pp. 185 – 196.
- [12]. Albin Shaji, Belfin and **E. Grace Mary Kanaga** (2017), “An Innovated SIRS Model for Information Spreading” , in the proceedings of International conference on Big Data and Cloud Computing (ICDBCC17), April 2017.
- [13]. Sminessh C. N. , **E. Grace Mary Kanaga** and Ranjitha K(2017), "Flow Monitoring Scheme for Reducing Congestion and Packet Loss in Software Defined Networks", 2017 International Conference on Advanced Computing and Communication Systems (ICACCS -2017), Jan. 06 – 07, 2017, Coimbatore, INDIA ,pp. 1374 – 1378.(IEEE ISBN No. 978-1-5090-4558-7 1378)