DC MEMBER 3:

NAME : DR.G.KAVITHAA

DESIGNATION : ASSISTANT PROFESSOR

DEPARTMENT : ELECTRONICS AND COMMUNICATION ENGINEERING

INSTITUTION : GOVERNMENT COLLEGE OF ENGINEERING

PLACE & PINCODE : SALEM & 636011

MOBILE : 9789320449

E-MAIL : kavitha@gcesalem.edu.in

Patent Published

1. Title of invention: Deep Learning Classifier for processing mobile computing IOT based healthcare systems, Publication date: 15.05.2020
2. Title of invention: A method to securely transact data in blockchain transactions, Publication date: 07.02.2020

International Journals

1. **Dr.G.Kavithaa** et al, "Reliability Enhancement of a power semiconductor with optimized solder layer thickness",IEEE Transactions on Power Electronics , June 2020, Volume: 35, Issue: 6, pp: 6397 - 6404, DOI: 10.1109/TPEL.2019.2951815
2. A.Sangeetha, Dr.M.Chandrasekaran, **Dr.G.Kavithaa**, 2020, "Time situate recurrence estimation technique for efficient data collection in war field sensor network", in Microprocessors and Microsystems, Elsevier, March 2020, Volume 73, https://doi.org/10.1016/j.micpro.2020.102988
3. **Dr.G.Kavithaa**, M.Prithivi Raj, 2020, "Memristor based high speed and low power consumption memory design using deep search method", in Journal of Ambient Intelligence and Humanized Computing, Springer, March 2020, pp 1-13.
4. **Dr.G.Kavithaa**, M.Prithivi Raj, 2019, "Dynamic signal driving strategy based high speed and low powered dual edge triggered flip flop design used memory applications", in Microprocessors and Microsystems, Elsevier, November 2019, Volume 71, https://doi.org/10.1016/j.micpro.2019.102879
5. **Dr.G.Kavitha**2018, **"**Qos Improvement Based Security Enhancement For Link Activity Monitoring Service In Mobile Ad Hoc Network", in Cluster Computing-The Journal Of Networks Software Tools And Applications,Springer, Vol. 22, pp: 12863–12869, DOI: 10.1007/s10586-018-1786-y
6. **Dr.G.Kavitha** 2018, "Multi Attribute Real Time Traffic Inference Algorithm for Botnet Detection in Mobile Ad Hoc Network", in Wireless Personal

Communications, Springer, October 2018, Volume 102, Issue 4, pp 3465–3476, https://doi.org/10.1007/s11277-018-5384-3

7. **Dr.G.Kavitha**, Dr.M.Santhi, 2016, "Link Establishment based on Energy Efficient for Qos Improvement using Low Propagation Delay Minimum Spanning Tree in MANET", in Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 9, Special, pp. 23-32, ISSN 2249-7315, DOI NUMBER: 10.5958/2249-7315.2016.00942.4
8. **Dr.G.Kavitha**, Dr.P.Valarmathie, 2016, "An Algorithm for imputing missing values in microarray gene expression data", in Asian Journal of Research in Social Sciences and Humanities, Vol :6, Issue : 6 special, pp: 289 – 301, ISSN 2249-7315, DOI : 10.5958/2249-7315.2016.00397.X
9. **Kavitha, G** & Sundararajan, J 2014, 'Spot Selection Technique Based Adhoc on Demand Distance Vector Routing (SSRP) for QoS Improvement in MANET Using Mobility Traces',in International Journal of Applied Engineering Research (IJAER) ISSN 1087-1090 vol.9,no.23, pp. 22361-22377.
10. **Kavitha, G**& Sundararajan, J 2014, 'Optimal Link Managed On Demand Routing Protocol in MANET for QoS Improvement', International Journal of Engineering and Technology (IJET), ISSN: 0975-4024,vol. 6,no.1, pp. 146-154.
11. **Kavitha, G**& Sundararajan, J 2014, 'A Traffic Aware AODV Routing Protocol for Mobile Ad Hoc Networks', Australian Journal of Basic and Applied Sciences, vol. 8, no. 1, pp. 197-206.
12. **Kavitha, G** & Sundararajan, J 2012, 'An Intelligent Routing Protocol for MANETs using Radial Basis Function Neural Networks', in European Journal of Scientific Research (EJSR) ISSN 1450-216X, vol.89, no.3, pp. 342-349, Impact Factor 0.736.