

Members from Anna University and Affiliated Colleges

Panel Member 2- Dr.G.Kavitha

	Member 2
Name	Dr.G.Kavitha
Designation	Associate Professor
Department	ECE
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Area of specialization	Communication Systems, Computer networks, DIP, DSP, Embedded Systems

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List of journal publications

S.no.	Title	Year
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	2020
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	2020
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.	2020
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	2020
5	Dr.G.Kavitha , "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, DOI: 10.1007/s10586-018-1786-y	2018
6	Dr.G.Kavitha , "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, "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	2016
8	Dr.G.Kavitha , Dr.P.Valarmathie, "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, '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.	2014
10	Kavitha, G & Sundararajan, J, 'Optimal Link Managed On Demand Routing Protocol in MANET for QoS Improvement', International Journal of Engineering	

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	and Technology (IJET), ISSN: 0975-4024, vol. 6, no.1, pp. 146-154.	
12	Kavitha, G & Sundararajan, J, '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.	
13	Kavitha, G & Sundararajan, J, '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.	2012

List of international conference publications

S.no.	Title	Year
1	Dr.G.Kavitha , Dr.M.Santhi, 'Quality of service parameters improvement in Mobile Ad Hoc Network', in the Proceedings of the International Conference ICARENS 2017 Organized by Government College of Engineering, Salem on 09 & 10 th March 2017, pp 441-445.	2017
2	Kavitha, G & Sundararajan, J, 'Self Organizing Map-Multicast Zone Routing Protocol (SOM-MZRP) in Mobile Adhoc Networks', in the Proceedings of the International Conference ICATS2011 Organized by Paavai Engineering College during June 16-18.	2011
3	Kavitha, G & Sundararajan, J, 'Reliable MAODV Protocol for Mobile Ad hoc Networks using RBF Neural Networks', in the Proceedings of the International Conference Icon RFW-09 organized by IETE Bangalore Chapter during 7-10 October.	2009
4	Kavitha, G & Sundararajan, J, 'A Neural Network Based Multicast Ad-hoc on Demand Distance Vector Protocol for Mobile Ad-hoc Networks', in the Proceedings of the International Conference on Signal and Image Processing (ICSIP-2009) organized by Vidya Vikas Institute of Engineering and Technology, Mysore, Karnataka during 12-14 August.	2009

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List of national conference publications

S.no.	Title	Year
1	Kavitha, G & Sundararajan, J, 'Hop count based Link establishment for improving QoS using distributed time sequence in MANET', in the Proceedings of the National Conference NCAPEID2016 Organized by Government College of Engineering, Salem on 18 th March 2016.	2016
2	Kavitha, G & Sundararajan, J, 'Location Aided Routing Based Secured Link Establishment for transferring data and improving the QoS in MANET's', in the Proceedings of the National Conference NCAPEID2015 Organized by Government College of Engineering, Salem on 31st March 2015.	2015