

St. Joseph's College of Engineering, Chennai - 119

Department of CSE

List of Publications

2017-18

INTERNATIONAL JOURNAL	
1.	Nagarajan SIVARAJAN, Reeba KORAH, Maria Kalavathy GNANAMANI," Relaxation rate and polarization charge density model for AlN/AlxGa1-xN/AlN Heterostructures", Turkish Journal of Electrical Engineering & Computer Sciences, Vol. 25, pp. 3468 – 3474, June 2017. (Web of Science) (Journal Impact - 0.578)

2016-17

INTERNATIONAL JOURNAL	
1.	J. Jeba Johannah, Reeba Korah, G. Maria Kalavathy , Sivanandham, "Standby and dynamic power minimization using enhanced hybrid power gating structure for deep-submicron CMOS VLSI", Microelectronics Journal, Vol. 62, pp. 137-145, April 2017. (Web of Science) (Journal Impact - 1.163)
NATIONAL CONFERENCE	
1.	Venkatraman, G. Maria Kalavathy , "A Systematic QoS Provisioning at MAC Layer for Designing & implementation of advanced Routing protocols on Cloud ", in the proceedings of National Conference on Computational Intelligence in Electrical and Electronics Engineering (NCIEEE), April 17, 18 2017
2.	Joan Nivetha J, G. Maria Kalavathy , M.Shalini, "Intellignet Data Mining in Online Social Media", in the proceedings of National Conference on Computational Intelligence in Electrical and Electronics Engineering (NCIEEE), pp.251-255, April 17, 18 2017.

2015 – 2016

INTERNATIONAL JOURNAL	
1.	B. Arun Vijayakumar, Dr. A. Sivasubramanian, Dr. G. Maria Kalavathy , L. Kanagadurga "Design of Bang-Bang PLL for the Retrieval of Data using Semiblind Oversampling in Passive Optical Network", International Journal of Applied Engineering Research, Vol. 10, No. 21, special issue, pp. 20269-20272, 2015. (Scopus Indexed)
NATIONAL CONFERENCE	
1.	J.Anitha Gnanaselvi, G.Maria Kalavathy , "Survey On Various Disorders In Retinal Images", in the proceedings of Second National Conference on Recent Trends in Computer Science, K.C.S Kasi Nadar College of Arts and Science, Aug 2015.
2.	R.Dayana G.Maria Kalavathy , "Energy Efficient Joint Task Scheduling and Messages in Interference-Aware Sensor Networks", in the proceedings of Second National Conference on Recent Trends in Computer Science, K.C.S Kasi Nadar College of Arts and Science, Aug 2015.

2014 – 2015

INTERNATIONAL JOURNAL	
1.	N. Edison Rathinam, G. Maria Kalavathy , Latha Parthiban, "Automatic Discovery of Relevant Web services with Semantic Ranking", Research journal of Applied sciences, Engineering and Technology, vol.8 No. 22, pp. 2240-2247, Dec 2014. (Scopus Indexed)