

**St. Joseph's College of Engineering, Chennai - 119**  
**Department of CSE**  
**List of Publications**

**2017-18**

<b>INTERNATIONAL JOURNAL</b>	
<b>1.</b>	L. Rajesh Kumar Gupta, K. Siva Surya, M. Anuradha, <b>S. Jothi</b> “ Energy Efficient Routing in MANET Using a Centralized Scheduler” International Journal of Science and Research (IJSR) , Vol. 6, Issue 6, pp 1669-1674, June 2017
<b>INTERNATIONAL CONFERENCE</b>	
<b>2.</b>	Sharon Appoline, R.Sridevi, M.Anuradha, <b>S.Jothi</b> “Wormhole Attack Detection and Avoidance using Random Linear Network Coding in MANET, “international conference on telecommunication, power analysis and computing techniques – 2017”

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**2016 – 2017**

<b>INTERNATIONAL JOURNAL</b>	
<b>1.</b>	<b>S. Jothi</b> and M.Chandrasekaran “Cluster Based Compressed Data Aggregation and Routing in WSN”, International Journal of Intelligent Engineering and Systems, Vol. 9, No. 4, 2016. <b>(Scopus Indexed)</b>
<b>2.</b>	<b>S. Jothi</b> and M. Chandrasekaran “Energy Efficient Sleep- Scheduling for Cluster Based Aggregation in Wireless Sensor Network”. Asian Journal of Information Technology”, 15: 3718-3724, 2016. <b>(Scopus Indexed)</b>

**2015-16**

<b>INTERNATIONAL JOURNAL</b>	
<b>1.</b>	D. Reethika and <b>S. Jothi</b> , “Automatic Notification and Severity Estimation of Accidents via Alert Signals” International Journal of Emerging Technology in Computer Science & Electronics(IJETCSE) ISSN:0976-1353 Volume 21 Issue 3- April 2016

**2014 – 2015**

<b>INTERNATIONAL JOURNAL</b>	
<b>1.</b>	<b>S. Jothi</b> and M. Chandrasekaran , “Fuzzy Based Optimal Clustering Protocol for Maximizing Lifetime in WSN”, Research Journal of Applied Sciences, Engineering and Technology 8(6): 714-725, ISSN: 2040-7459; e-ISSN: 2040-7467, 2014. <b>(Scopus Indexed)</b>