**SRI VENKATESWARA COLLGE OF ENGINEERING**

**Publication of Research papers and books in the Academic year 2018-2019**

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| **S.No.** | **Name of the Faculty(all coauthors)** | **Title of the paper** | **Name of the Journal****Vol. No, pages and IF** |
|  | A.Raja Basha, **C.Yaashuwanth** | An Optimal data Aggregation Scheme for Wireless Sensor Network using QOS parameters with efficient failure detection and loss recovery technique | **Neural Network World****5/2019, pp 301-324, IF: 1.08** |
|  | Swaminathan Ramesh, **Calpakkam Yaashuwanth**, Bala Anand Muthukrishnan | Machine learning approach for secure communication in wireless video sensor networks against denial-of-service attacks | **Special Issue article in International Journal of Communication System, pp 1-12, IF: 1.099** |
|  | **Ms.V.M.Sivagami**,Dr.K.S.Easwarakumar | An Improved Dynamic Fault Tolerant Management Algorithm during VM Migration of Cloud Data Center | **Future Generation Computing Systems, Vol 98,September 2019, Pages 35-43, IF: 4.639** |
|  | Nithyashree M, **Dr.T.Sukumar**, S.Kalavathi, K.Kamal Kumar | Continuous Abstractive Recall-Oriented Understudy for Gisting Evaluation | **Test Engineering and Management, Vol. 82, 2020, pg: 12626-12632 IF: 0.02** |
|  | Soma Prathibha, B. Latha,**G.Sumathi** | A novel data aware task clustering mechanism for scientific workflow applications in cloud | **International Journal of Internet Technology and Secured Transactions, Vol 9, No 3, 2019, pg 260-281, IF: 0.73** |
|  | R.Lalitha, B.Latha, **G.Sumathi** | A Novel Approach to Facilitate Comparative Analysis of Software Development Factors with Business Intelligence | **Caribbean Journal of Science, Vol 53, 2019, pg 2132-2146, IF:0.2** |
|  | Devi N and **Leela Rani P** | Double Clustering Approach for Predicting Comorbidity Condition in Cardio Vascular Diseases | **International Journal of Applied Engineering Research, Volume 14, Number 10, 2019, pp. 2296-2302 , IF: 0.51** |

Book Chapter Published:

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| S.Ramesh, **C.Yaashuwanth** and Prathibanandhi | A Conjoint Edifice for QOS and QOE Through Video Transmission at Wireless Multimedia Sensor Networks | **Book Chapter in Springer Nature** |