Department of Information Technology

List of Journal publications and Conference presentations
(2018-19)

International Journal

1. **K. Pradeep**, T. Prem Jacob, "OCSA: Task Scheduling Algorithm in Cloud Computing Environment", International Journal of Intelligent Engineering and Systems, Vol.11, No.3, pp. 271-2719, June 2018 (Print ISSN: 2185-3118, SJR Impact Factor: 0.19, doi: 10.22266/ijies2018.0630.29, UGC: 22983).

2. **C.J.Raman**, Dr.Visumathi James, "Study of Packet and Task Scheduling Approaches in Wireless Sensor Network", International Journal of Pure and Applied Mathematics, Vol. 119, No. 15, pp. 661-666, June 2018. (Print ISSN: ISSN 1311-8080, E-ISSN: 1314-3395, SJR Impact Factor: 0.14, UGC:23425)

3. **G. Manikandan**, U. Sakthi, "Dynamic key management system using channel hopping in IEEE 802.15.4 wireless sensor networks", International Journal of mobile Network Design Innovation, Vol. 8, No. 2, pp.73-79, 2018. (Print ISSN: 17442869, E-ISSN: 17442850, SJR Impact Factor: 0.12)

4. **M. Anbu**, G.S. Anandha Mala, "Hybrid Firefly for Improving Software Defect Prediction", International Journal of Pure and Applied Mathematics, Vol.119, No. 15, pp. 2285-2303, ISSN: 1314-3395, 2018 . (Print ISSN: ISSN 1311-8080, E-ISSN: 1314-3395, SJR Impact Factor: 0.14, UGC: 23425).

5. **S.Duraimurugan**, Dr.P. Jesu Jayarin, "Study of Congestion Control mechanism for multimedia traffic in cellular network", International Journal of Pure and Applied Mathematics, Vol.119, No. 15, pp. 75-80, ISSN: 1314-3395, 2018. . (Print ISSN: ISSN 1311-8080, E-ISSN: 1314-3395,SJR Impact Factor: 0.14, UGC: 23425)

6. **C.J.Raman**, Dr.Visumathi James, "Priority based Distributed Scheduling for Congestion and Collision Avoidance in WSN", International Journal of Engineering & Technology, Vol. 7, No. (3.34), pp. 91-96, 2018. (Print ISSN: 23198613, E-ISSN-09754024, SJR Impact Factor: 0.17)

7. **R. Joseph Manoj**, M.D. Anto Praveena "Analysis and Prediction on crime rate Ascended against Women and childrens in India", Research Journal of Pharmaceuticals, Biological and Chemical Sciences, Vol. 9, No. 2, pp. 275-287, 2018. (ISSN: 0975-8585, SJR Impact Factor: 0.16)

8. **S. Duraimurugan**, P. Jesu Jayarin, "Priority based Proactive Buffer Management for Aggregated Streaming in Heterogeneous Wireless Networks", International Journal of Engineering and Technology, Vol. 7, No. 3.34, pp. 97-102, 2018. (Print ISSN: 23198613, E-ISSN-09754024, SJR Impact Factor: 0.17)

9. **N. Gobalakrishnan**, C. Arun, "Task scheduling in heterogeneous cloud environment using mean grey wolf optimization algorithm", The Korean Institute of Communications and Information Sciences, Science Direct, July 2018. (Print ISSN: 24059595, SJR Impact Factor: 0.23, https://doi.org/10.1016/j.icte.2018.07.002)

10. Pandeeswaran Chelliah, Muthuraj Bose, **R. Joseph Manoj**, "Energy Efficient MAC Protocol Design for Remote Patient Monitoring and Medication System Using Internet of Things (IoT)", Journal of Electrical Engineering, Vol. 18, No. 4, pp. 347-362, 2018. (Print ISSN: 15824594, SJR Impact Factor: 0.11)

11. **G. Manikandan**, U. Sakthi, "Optimal Cluster based Key Management System using Signcryption Algorithm for Wireless Sensor Networks", Neural Network World, Vol. 28, No.

5, pp. 433-455, 2018. (Print ISSN: 12100552, E-ISSN: 23364335, doi: 10.14311/NNW.2018.28.024, Impact Factor: 0.562, SJR Impact Factor: 0.16, UGC: 37537)

12. **C. Heltin Genitha**, K. Vani, "A Hybrid Approach to Super-Resolution Mapping of Remotely Sensed Multi-spectral Satellite Images Using Genetic Algorithm and Hopfield Neural Network", Journal of the Indian Society of Remote Sensing, Nov 2018. (Print ISSN: 0255-660X, E-ISSN: 0974-3006 DOI 10.1007/s12524-018-0905-9, Impact Factor: 0.810, UGC: 37537)

13. **M. K. Kirubakaran**, N. Sankarram, "Stimulated RR MAC Protocol for Power Efficient Wireless Sensor Networks", International Journal of Reasoning based Intelligent Systems, 2018 (Print ISSN print: 1755-0556, E-ISSN: 1755-0564, SJR Impact factor: 0.13)

14. **M. Esther Hannah**, "A Hybrid Classification Based Model for Automatic Text Summarization using Machine Learning Approaches: CBS-ID3MV", International Journal of Product Development, Jan 2019. (Print ISSN: 1741-8178, E-ISSN: 1477-9056, SJR Impact Factor: 0.21, UGC: 23389)

15. **N.Gobalakrishnan**, C. Arun, "Optimal Task Scheduling in the Cloud Environment using mean grey wolf optimization algorithm", International Journal of Technology, Vol. 10, No. 1, pp. 126-136, Feb 2019. (Print ISSN:2086-9614, SJR Impact Factor: 0.26, UGC: 7658)

16. **K. Pradeep**, T. Prem Jacob, "OLOA: Based Task Scheduling in Heterogeneous Clouds", International Journal of Intelligent Engineering and Systems, Vol. 12, No. 1, pp. 114-122, Feb 2019. (Print ISSN: 21853118, E-ISSN: 2185310X, SJR Impact Factor: 0.19, doi: 10.22266/ijies2019.0228.12, UGC: 22983).

International Conference

1. **G. Manikandan**, U. Sakthi, "A Comprehensive survey on various key Management Schemes in WSN", 2nd International Conference on IoT in Social, Mobile, Analytics in Cloud, pp. 378-383, Aug 2018. (Electronic ISBN: 978-1-5386-1442-6, DVD ISBN: 978-1-5386-1441-9, Print on Demand(PoD), ISBN: 978-1-5386-1443-3, doi: 10.1109/I-SMAC.2018.8653656)

2. R. Siba, **L. Sherly Pushpa Annabel, G. Latha Selvi, V. Muthulakshmi**, Jerrish Josanne M, Post-Harvest Disease Identification and Utilization of Mulberry Leaf Extracts", International Conference on Recent Advances in Food Processing Technology held in Thanjavur, Aug 2018.
(ISBN: 8-9-978-81-926-250-0-3)

3. G. Annapoorani, **G, Latha Sevi**, M. Prashna Vignesh, Muhil Kratheesh, "Sensory Evaluation of Moong Dal based Snack Food (Vada) using fuzzy logic", International Conference on Recent Advances in Food Processing Technology held in Thanjavur, Aug 2018. (ISBN: 8-9-978-81-926-250-0-3)

4. G. Annapoorani, **G. LathaSelvi**, "Application of Fuzzy Logic in Food Product Quality Control: A review", Fuzzy Systems and Data Mining IV, Vol. 309, pp. 395-408, IOS Press, Sep 2018. (Print ISBN: 978-1-61499-926-3, E-ISBN: 978-1-61499-927-0, doi: 10.3233/978-1-61499-927-0-395) **(Book Series)**.

5. **K. Pradeep**, T. Prem Jacob, "GHSA: Task Scheduling in Heterogeneous Cloud", Lecture Notes on Data Engineering and Communication Technologies, Springer, pp.1025-1027, Aug 2018. (Print ISSN 2367-4512, E-ISSN: 23674520, ISBN: 978-3-030-03145-9, E-ISBN: 978-3-030-03146-6, https://doi.org/10.1007/978-3-030-03146-6)

6. **M. Esther Hannah**, Lilly Raamesh, S. Sumathi, "A Machine Learning based System for the Early Prenatal Diagnosis of Down's Syndrome", International Conference on Soft Computing for Problem Solving, VIT Vellore Dec 2018 (Springer) **(Best Paper Award).**

7. **C. Heltin Genitha**, M. Indhumathi, "A Hybrid Approach to Super Resolution Mapping for Water-Spread Area and Capacity Estimation of Reservoir Using Satellite Image (India)", Advances in Science, Technology & Innovation book series, Springer, pp. 65-68, Dec 2018. (Print ISBN: 978-3-030-01439-1, Online ISBN: 978-3-030-01440-7, https://doi.org/10.1007/978-3-030-01440-7_16) **(Book Series).**

8. **S. Nikkath Bushra**, Kripa Sekaran, "Privacy Preservation for Streaming of Big data using Dynamically Anonymized Data Shuffling", International Conference on Recent Trends in

Science and Management, Bharath Institute of Higher Education and Research, Chennai, Nov 2018.

9. **J. Mary Hanna Priyadharshini**, "Comparative Analysis of Multi-layer Backpropagation and multichannel Deep Convolutional Neural Network for Activity Recognition", National Conference ON Mathematical Analysis and Computing, Vol. 2095, SSN College of Engineering, Dec 2018. (ISBN:978-0-7354-1825-7)

10. **B. Anu Meera, M. Arunmozhi**, K. Deepa, "Efficient Visualization Prediction of Rainfall Data for Optimized Weather Analysis", 3rd International Conference on Computer, Communication and Signal Processing, pp. 6-13, SSN College of Engineering, Chennai, Mar 2019. (ISBN: 09749122).