

## Publications

### Journals

1. Shirly, S and **Ramesh, K**, 2019, Diagnosis of disc bulge and disc desiccation in lumbar MRI using concatenated shape and texture features with random forest classifier, **International Journal of Imaging Systems and Technology**, <https://doi.org/10.1002/ima.22374>. (Impact factor:1.254)
2. Sri Vigna Hema.V, **Ramesh K**, 2019, ECC Based Secure Sharing of Healthcare Data in the Health Cloud Environment, **Wireless Personal Communications**, <https://doi.org/10.1007/s11277-019-06450-7>. (Impact Factor:1.2)
3. Shirly S & **Ramesh K**, 2019, Review on 2D and 3D MRI Image Segmentation Techniques, **Current Medical Image Review**, vol. 13, DOI: 10.2174/1573405613666171123160609 (Impact Factor:0.3)
4. **Ramesh, K**, Anitha, R and Ramalakshmi, P, 2015, Prediction of Lead Seven Day Minimum and Maximum Surface Air Temperature using Neural Network and Genetic Programming, **Sains Malaysiana**, vol. 44, no 10, pp. 1389–1396. (Impact Factor: 0.45)
5. Shenbaga Vinayaga Moorthi, N, Arul Franco, P and **Ramesh, K**, 2015, Application of design of experiments and artificial neural network in optimization of ultrasonic energy assisted transesterification of Sardinella longiceps fish oil to biodiesel, **Journal of the Chinese Institute of Engineers**, DOI: 10.1080/02533839.2015.1027740 (Impact Factor: 0.24)
6. **Ramesh, K**, Kesarkar, AP, .Bhate, J, Venkat Ratnam, M & Jayaraman, A 2015, Adaptive neuro-fuzzy inference system for temperature and humidity profile retrieval from microwave radiometer observations, **Atmospheric Measurement Techniques**, vol. 8, pp. 369-384, doi:10.5194/amt-8-369-2015. (Impact Factor: 3.36)

### Conferences:

1. Vegi Fernando A & **Ramesh K** 2018, Review on Indexing Methodologies for Microblogs, International Conference on Applied Soft Computing Techniques (ICASCT' 18), Kalasalingam Academy of Research and Education, Krishnankoil on 23<sup>rd</sup> and 24<sup>th</sup> of March 2018.

2. Pushpa Jacqueline J & **Ramesh K** 2018, Review on Indexing Methodologies for Microblogs, International Conference on Applied Soft Computing Techniques (ICASCT' 18), Kalasalingam Academy of Research and Education, Krishnankoil on 23<sup>rd</sup> and 24<sup>th</sup> of March 2018.
3. Shirly S & **Ramesh K** 2017, Review on Deep Learning Algorithm in Medical Image Analysis, International Conference on Intelligent Computing Techniques, Sarah Tucker College, Tirunelveli on 1<sup>st</sup> September 2017.
4. Pushpa Jacqueline J & **Ramesh K** 2017, A Survey on Internet of Things Based Smart Water Management, International Conference on Intelligent Computing Techniques, Sarah Tucker College, Tirunelveli on 1<sup>st</sup> September 2017.
5. Kokila R, **Ramesh K** & R B Saranya 2017, Impact of Big Data Analytics on Business Intelligence and E-Commerce, National Conference on Computational Methods, Communication Techniques and Informatics, Gandhigram Rural Institute-Deemed University.
6. Karthigarajeswari E & **Ramesh K**, 2017 A Survey on Reference Architecture and Classification of Social Media Big Data Systems, National Conference on Computational Methods, Communication Techniques and Informatics, Gandhigram Rural Institute-Deemed University.
7. Sri Vigna Hema V & **Ramesh K**, 2016, CCAF-MLDS: Accomplishing Multi-Layered Data Security in the Data Center using Cloud Computing Adoption Framework, 12<sup>th</sup> National Conference on High Performance Computing, CSE, Government College of Engineering, Tirunelveli.
8. Arogya Presskila X, **Ramesh K**, Paul Steven S, 2016, The Explosion of Big Data and Processing based on I/O Bounded Disk-based Systems, International Conference on Technical Innovations in Electrical, Electronics, Computer, and Communication, PET Engineering College, Tirunelveli.
9. Dharani R, Vinolia Anandan, **Ramesh K**, 2015, Intelligent Screening System for Cervical Cancer using Multiple Adaptive Neuro Fuzzy Inference System, National Conference VISION'15, CSE, Government college of Engineering, Tirunelveli.

**Book:**

- Authored a chapter entitled “Smart IoT Meters for Smart Living “ in the book “Handbook of Research on Implementation and Deployment of IoT Projects in Smart Cities”, DOI: 10.4018/978-1-5225-9199-3