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)

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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)

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Ramesh, K & Anitha, R 2013,' MARSpline model for lead seven day maximum and minimum air temperature prediction in Chennai, India', Proceeding of the SAARC Seminar on high impact weather events and their prediction over the SAARC region.

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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 23rd and 24th of March 2018.

2. Pushpa Jaculine 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 23rd and 24th of March 2018.

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4. Pushpa Jaculine 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 1st 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, 12th National Conference on High Performance Computing, CSE, Government College of Engineering, Tirunelveli.

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10. Arun Karthikeyan, B & **Ramesh, K** 2014, ' Monitoring of Object and Authenticating Using Android Smart Phones' in International Conference on Emerging Marvels in Information and Computer Science and Engineering at Maria College of Engineering and Technology, Nagercoil.

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12. Ajey Vignesh T, R & **Ramesh, K** 2014, 'Anonymous Message authentication on Mobile Ad Hoc Network' in International Conference on Innovative Engineering Skills at Aishwarya College of Engineering and Technology, Erode.

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14. **Ramesh, K**, Anitha, R & Sweetly Blessinta, M 2013, 'Satellite Image Spatial Database Creation Using Object Recognition Scheme', National Conference on Advances in computing Analysis & Applications, Proceeding of ACAA'13.

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16. Sankaran M, Jesu Vedha Nayahi J, Sahaya Arul J, **Ramesh K** & Manoj, 2012, in the proceeding of Third International Conference on Communication Computation Control and Automation at Sri RamaKrishna Institute of Technology, Coimbatore

17. **Ramesh, K,** Deenadayalan, T, Suresh, P & Anitha, R 2009, ' Choice Relation Based Data Cleaning in Database', National Conference on emerging trends in engineering and technology.

18. **Ramesh, K**, & Anitha, R 2009, ' Proposal for usage of web mining framework for user interest in the dynamic web database', National Conference on emerging trends in engineering and technology.

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