

**Dr. M.KRISHNAMOORTHY**

**Associate Professor/ CSE**

Dr N.G.P. Institute of Technology

Coimbatore - 641048

Mobile Number: 9443692177

E mail : drkrishnamoorthim@gmail.com  
krishna\_bit@yahoo.co.in

### **LIST OF JOURNAL PUBLICATIONS**

1. M.Krishnamoorthi, (2020), 'A comprehensive survey on security challenges and techniques in big data', International Journal of Psychosocial Rehabilitation, Vol. 24, No. 6, pp **6502-6508 (SCOPUS)**.
2. M.Krishnamoorthi, (2020), 'Determining the Sentiments of Bi-lingual Tweets Using Convolutional Neural Network and Support Vector Machine', Journal of Advanced Research in Dynamical and Control Systems, Vol. 12, No. 1, pp 80 - 89 (**SCOPUS/SCI Index**).
3. M.Krishnamoorthi, (2019), 'Continuous Tamil Speech Recognition Technique under Non Stationary Noisy Environments', International Journal of Speech Technology, Springer Publishers, Vol. 22, No. 1, pp 47 - 58 (**SCOPUS/SCI Index/Web of Science**).
4. M.Krishnamoorthi, (2019), 'A Survey on Ultrasound Image Segmentation Algorithm for Detection of Female Pelvic Masses', International Journal of Recent Technology and Engineering, Volume. 7, Issue-4S, pp 23-25 (**SCOPUS**).
5. M.Krishnamoorthi, (2019), 'Tweets: Review of Micro-blog based Recommendation Systems (RS) for News Recommendation (NR)', International Journal of Recent Technology and Engineering, Volume. 7, Issue-4S, pp 444-448 (**SCOPUS**).
6. M.Krishnamoorthi, (2019), 'A Comprehensive survey on Virtual Migration techniques in Cloud Computing', International Journal of Recent Technology and Engineering, Volume. 7, Issue-4S, pp 300-303 (**SCOPUS**).
7. M.Krishnamoorthi, (2018), 'A Survey on Contact and Non-Contact methods of photo plethysmography', International Journal of Engineering and Advanced Technology, Volume 8, Issue-2S, pp 378-383 (**SCOPUS**).
8. M.Krishnamoorthi, (2018), 'Design of Compact Antenna for Ultra-Wide Band Applications', International Journal of Engineering and Advanced Technology, Volume 8, Issue-2S, pp 54-57 (**SCOPUS**).
9. M.Krishnamoorthi, (2018), 'Modified Least Mean Square Adaptive Noise Reduction algorithm for Tamil Speech Signal under Noisy Environments', International Journal of Pure and Applied Mathematics, Volume. 119, No. 16b, pp 4461-4466 (**SCOPUS**).

10. M.Krishnamoorthi, (2018), 'Optimization of radiation pattern in planar array using firefly algorithm for mobile edge computing', International Journal of Pure and Applied Mathematics, Volume 119, No. 18, pp 2631-2638 (**SCOPUS**).
11. M.Krishnamoorthi, (2018) 'Continuous Speech Recognition Using Gaussian mixture model', International Journal of Pure and Applied Mathematics, Volume. 119, No. 16b, pp 4513-4518 (**SCOPUS**).
12. M.Krishnamoorthi, (2017), 'Delta Mel Frequency Cepstral Coefficient based Feature Extraction Algorithm for Continuous Tamil Speech Recognition' CiiT International Journal of Digital Signal Processing, Volume 9, No 9, PP 177 – 184.
13. M.Krishnamoorthi, (2017), 'Feature Clustering and Labelling Technique for Continuous Speech Recognition', International Journal of Advance Research in Science and Engineering, Volume 6, No.12.
14. M.Krishnamoorthi (2016) 'Performance Analysis of Data Clustering Algorithms Using Various Effectiveness Measures', The International Arab Journal of Information Technology, Volume 13, No.6B, pp.1084-1091. (**SCI indexed**)
15. M.Krishnamoorthi, (2016) 'Hybrid Clustering Using Firefly Optimization and Fuzzy C-Means Algorithm', Circuits and Systems, Vol.7 No.9, PP 2339-2348. (**WEB OF SCIENCE**)
16. M.Krishnamoorthi, (2016), 'Hybrid Clustering using Firefly Optimization Technique and K-Means Algorithm', Asian Journal of Research in Social Sciences and Humanities, Volume 6, No. 8, pp. 948-959.
17. M.Krishnamoorthi,(2015) 'Noise Tracking Algorithm for Speech Enhancement', Applied Mathematics and Information Sciences, Volume 9, no.2, pp.691-698, Natural Science Publishers ISSN: 1935-0090(**SCOPUS**).

#### **INTERNATIONAL CONFERENCE ATTENDED**

1. M.Krishnamoorthi, "A Comparative survey on security challenges and techniques in Big Data" in IEEE International conference on Computer, Communication and Informatics held at Sri Sakthi Institute of Engineering and Technology, Coimbatore, on 22<sup>nd</sup>-24<sup>th</sup> January 2020 (**SCOPUS & WEB OF SCIENCE**).
2. M.Krishnamoorthi, "Swarm Intelligence based feature clustering for continuous speech recognition under noisy environments", in 3<sup>rd</sup> IEEE International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC-2019) organised by RVS Technical Campus, Coimbatore during 25<sup>th</sup>-26<sup>th</sup> September 2019 (**SCOPUS**).
3. M.Krishnamoorthi, "Fuzzy C-Means Clustering Technique for Continuous Tamil Speech Recognition under Noisy Environments", in 3<sup>rd</sup> IEEE International Conference on Communication and Electronics Systems (ICCES 2018), PPG Institute of Technology, Coimbatore, 15<sup>th</sup> -16<sup>th</sup> October 2018 (**SCOPUS**).
4. M.Krishnamoorthi, "IoT Security Architecture - Survey", in International Conference on Cyber Physical Systems for Next Generation Computing, Department CSE/IT -

Bannari Amman Institute of Technology, Sathyamangalam, 1<sup>st</sup> -3<sup>rd</sup> March 2018.

5. M.Krishnamoorthi, "Monitoring Multiple Biomedical parameter to Automate Anesthesia Injector using FPGA" in 2<sup>nd</sup> IEEE International Conference on Computer, Communication, and Signal Processing held at Sri Sivasubramaniya Nadar College of Engineering, Chennai during 22<sup>nd</sup> – 23<sup>rd</sup> February 2018 (**SCOPUS & WEB OF SCIENCE**).
6. M.Krishnamoorthi, "Feature Clustering and Labelling Technique for Continuous Speech Recognition", 9<sup>th</sup> International Conference on Recent Development in Engineering Science, Humanities and Management, Pune, 23<sup>rd</sup> December 2017.
7. M.Krishnamoorthi, "A scalable approach for fingerprint matching system based on minutiae extraction" in the proceeding of 2<sup>nd</sup> IEEE International Conference on Innovations in Information, Embedded and Communication Systems, conducted by, Karpagam College of Engineering Coimbatore on 12<sup>th</sup> August 2015 (**SCOPUS & WEB OF SCIENCE**).
8. M.Krishnamoorthi, "A survey based on Finger print Matching System" International Conference on Innovations in Communications and Computer Engineering held at Coimbatore Institute of Technology, Coimbatore on 15<sup>th</sup> Feb 2015.
9. M.Krishnamoorthi, "A survey on various allocation policies in Cloud Computing Environment" International Conference on Innovations in Communications and Computer Engineering held at Coimbatore Institute of Technology, Coimbatore on 15<sup>th</sup> Feb 2015.

#### **NATIONAL CONFERENCE ATTENDED**

1. M.Krishnamoorthi, "Internet of Things Architecture for smart city- survey ", Cutting edge technologies in power conversion and Industrial Drives, Bannari Amman Institute of Technology, Sathyamangalam, 29<sup>th</sup> November 2019.
2. M.Krishnamoorthi, "Optimal Feature Clustering Technique for Continuous Speech Recognition", 4<sup>th</sup> National Conference on Recent Trends in Ubiquitous Computing, Bannari Amman Institute of Technology, Sathyamangalam, 8<sup>th</sup> -9<sup>th</sup> December 2017.
3. M.Krishnamoorthi, "Placement of Multiple controller in Software defined network" in National conference on Trends in Engineering Applications and Management held at Velalar college of Engineering and Technology on 26<sup>th</sup> March 2016.
4. M.Krishnamoorthi, "Placement of Multiple controller in Software defined network" in National conference on Advancements in Computing Methodologies held at Anna University, Coimbatore on 14<sup>th</sup> - 15<sup>th</sup> March 2016.