

Name	: Dr. D. Karthika Renuka
Designation	: Associate Professor
Department	: Information Technology
Institute	: PSG College of Technology
Mobile	: 9976128726
Email	: karthirenu@gmail.com

### **List of Publications (for the past 5 years)**

1. V Sri Vinitha, D Karthika Renuka. (2020), " MapReduce mRMR: Random Forests-Based Email Spam Classification in Distributed Environment “ Data Management, Analytics and Innovation, pp 241-253, Springer, Singapore.
2. G. Poovandiran 1. Dr.L.Ashok Kumar, D.Karthika Renuka, Dr.S.Lovelyn Rose , M.Lavanya, M.C.Shunmuga priya (2020), " Speech Diarization and Transcription using Deep Learning “ National Journal of Technology, Vol 2 Issue 2,pp 75-83.
3. Karthika Renuka D Harish Kumar N.G, Pooventhiran G (2020), " Landslide Type Prediction using Random Forest Classifier “ International Journal of Computer Science and Research (IJCSE), Vol 8 Issue 2,pp 7-11.
4. N. Saranya and D. Karthika Renuka (2020), " A Survey on Epilepsy Seizure Detection Using Machine Learning Technique “International Journal of Advanced Information and Communication Technology, Vol 7 Issue 7,pp 109-114.
5. R. Geethamani 2. P. Chitra, D. Karthika Renuka, K. Senathipathi, S. Deepika (2019), " A Survey on Load Balancing Algorithms for Cloud Environment “Journal of Computational and Theoretical Nano science, Vol 16 Issue 7, pp 1-4.
6. D.Karthika Renuka M.P.Geetha (2019), " Research on Recommendation Systems using Deep Learning Models “ International Journal of Recent Technology and Engineering (IJRTE), Vol 8 Issue 4,pp 10544-10551. Blue Eyes Intelligence Engineering & Sciences Publication.

7. Soundarya S Akalya devi C, Dr. Karthika Renuka D` (2019), " An EEG Based Emotion Recognition and Classification Using Machine Learning Techniques “ International Journal of Emerging Technology and Innovative Engineering, Vol 5 Issue 4, pp 744-750.
8. V Sri Vinitha, D Karthika Renuka` (2019), " Feature Selection Techniques for Email Spam Classification: A Survey” International Conference on Artificial Intelligence, Smart Grid and Smart City Applications, pp 925-935. Springer, Cham.
9. P Chitra, Karthika D Renuka, K Senathipathi, S Deepika, R Geethamani` (2019), " A Survey on Load Balancing Algorithms for Cloud Environment” International Conference on Artificial Intelligence, Journal of Computational and Theoretical Nanoscience, Vol 16, Issue 2, pp 764-767.
10. V Sri Vinitha, D Karthika Renuka` (2019), " Performance Analysis of E-Mail Spam Classification using different Machine Learning Techniques” International Conference on Advances in Computing and Communication Engineering (ICACCE), pp 1-5. IEEE.
11. V Sri Vinitha, D Karthika Renuka` (2019), " Performance Analysis of E-Mail Spam Classification using different Machine Learning Techniques” International Conference on Advances in Computing and Communication Engineering (ICACCE), pp 1-5. IEEE.
12. A. Bharathi V. Sri Vinitha, D. Karthika Renuka` (2018), " E-Mail Spam Classification Using Machine Learning in Distributed Environment” Journal of Computational and Theoretical NANOSCIENCE, Vol 15, Issue 5 pp 1688–1694.
13. S. Soundarya C. Akalya Devi, D. Karthika Renuka` (2018), " A Survey Based on Human Emotion Identification Using Machine Learning and Deep Learning” Journal of Computational and Theoretical NANOSCIENCE, Vol 15, Issue 5 pp 1662–1665.
14. Dhanaraj Karthika Renuka, P Visalakshi` (2017), " Weighted-based multiple classifier and F-GSO algorithm for email spam classification” International Journal of Business Intelligence and Data Mining, Vol 12, Issue 3 pp 274-298. Inderscience Publishers (IEL).
15. D Karthika Renuka, PVS Rajamohana` (2017), " An Ensemble classifier for email spam classification in hadoop environment” international journal of applied mathematics & information sciences.
16. D Karthika Renuka, P Visalakshi, T Sankar` (2015), " Improving E-mail spam classification using ant colony optimization algorithm” International Journal of Computer Applications, pp 22-26.

17. D Karthika Renuka, P Visalakshi,(2015), " A Hybrid ACO Based Feature Selection Method for Email Spam Classification" WSEAS TRANSACTIONS on COMPUTERS,Vol 14,Issue 2015, pp 171-177.