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**Publication Details**

1. K. Deepa, Senthamilselvi, Jansirani Sankar, A. Arthi Krithika “Identification of Parkinson’s Disease in Patients using Vocal Features”, TEST Engineering & Management, Vol. 82, No.1, pg. 10931- 10935, 2020. (Scopus).
2. M. Senthamil Selvi, K. Deepa, Mrs. S. Jansirani Sankar “Detection of Damaged Leaf using Convolutional Neural Network”, Journal of Mechanics of Continua and Mathematical Sciences, Vol. 7, Special Issue, pg. 156-165,2020. (Web of Science & Scopus).
3. Dr. M. Senthamil Selvi, Dr. K. Deepa, Mrs. S. Jansi Rani, “Detection of Damaged Leaf Using Convolutional Neural Network”, International Conference on “Electrical, Electronics, Instrumentation and Computer Communication – EEICC’19”, Karpagam College of Engineering, Coimbatore, 24.01.2020.
4. Dr.K.Deepa, “Voice Control Based Home Automation”, International Conference on Computer, Electrical, Electronics, Civil and Mechanical Engineering (IC2E2CME 2018), Ranganathan Engineering College, Coimbatore.
5. M S Selvi, K.Deepa, M S Sangari, B.Mohankumar, “Improved Structured Robustness (I-SR): A Novel Approach to Predict Hard Keyword Queries”, Journal of Scientific and Industrial Research, Vol 79, pp.38-43, January 2017. (Scopus Indexed)
6. Dr.K. Deepa, V.R. AnanthiSri, S. Jegavardhinil, “Soil Quality and Moisture Monitoring System for Agriculture”, 4th International Conference on Engineering Technology and Science held on 30th and 31st March 2017 at Muthayammal Engineering Institution, Rasipuram
7. Deepa K., Vivek C., Rajan S. Palanivel, “Automatic Threshold Selections using Artificial Bee Colony in Duplicate Record Detection”, Asian Journal of Research in Social Sciences and Humanities, Vol 6, No 10, PP:535-546, 2016. (Anna University – Annexure II)
8. Deepa K., Vivek C., Rajan S. Palanivel, “Automatic Threshold Selections by exploration and exploitation of optimization algorithm in Record Deduplication”, Journal of

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9. R.Preyadharsini , K.Deepa, “Duplicate Record Detection Using Neural Networks”, 6th International Conference on Science and Innovative Engineering 2016, Jawahar Engineering College, Chennai, April 2016.
10. Deepa.K, Senthamil Selvi.M, Shanthi Priya.D, “An Approach for Predicting Bug Triage using Data reduction Methods”, IEEE Sponsored 3rd International Conference on Innovations on Information, Embedded and Communication Systems, ICIECS’16, Karpagam College of Engineering- Coimbatore, March 2016
11. R.Preyadharsini and Deepa.K, “Fuzzy C Means Cluster based user-interest ontology construction for selecting seed URLs on Focused Crawler”, TEQIP II Sponsored International Conference on Computational Intelligence (ICCI’15), Anna University, Bharathidasan Institute of Technology(BIT Campus), Tiruchirappalli, April 2015
12. D.Shanthi Priya and K.Deepa, “A survey on Data Reduction techniques for efficient bug triage process”, International journal of emerging technology in computer science and Electronics, Vol:19, No:1,2015