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**List of Publications**

1. Karpagam. K & Saradha .A 2019, “A Framework For Intelligent Question Answering System Using Semantic Context Specific Document Clustering And Wordnet”, Sadhana – Academy Proceedings in Engineering Sciences, Springer , March 2019, volume 44, Issue 3 and Article ID :62. (Annexure I, Impact Factor 0.465, ISSN : 0256-2499,INDEXED In Scopus, wos & ICI)
2. Karpagam .K & Saradha.A , “Question Answering System for Distance Education using E-Learning and Collaborating Learning Environments in India” ,The Online Journal of Distance Education and e-Learning (TOJDEL) , Sakarya University, Turkey, Oct 2018, Vol. 6, no. 4, pp. 57-63. (Annexure I, ISSN: 2147-6454).
3. Karpagam.K & Saradha.A, “Intelligent Sentence Retrieval Using Semantic Word Based Answer Generator Algorithm with Cuckoo Search Optimization Techniques”, cluster computing - The Journal of Networks, Software Tools and Applications, Springer 1573-7543 (Online) –Feb 2018. (Annexure I- Accepted for Publication, Impact Factor 2.04, INDEXED In Scopus, wos & ICI)
4. Karpagam.K & Saradha.A, “Text Summarization using Machine Learning Approaches for Question Answering System”, International Journal of Advances in Computer and Electronics Engineering, ISSN: 2456 - 3935, Volume 4, Issue 2, pp.1–5, February 2019.
5. Karpagam.K & Saradha.A, “A Mobile based Intelligent Question Answering System for Education Domain”, International Journal of Information Engineering and Electronic Business (IJIEEB), Vol. 10,no. 1, pp. 16-23,Jan 2018.
6. Karpagam.K & Saradha.A, “Comparative Analysis of Optimization Algorithms for Document Clustering”, ciit International Journal of Data Mining and Knowledge Engineering, Vol. 9, no. 6, pp. 120-125,july 2017.
7. Karpagam.K & Saradha.A, “A hybrid optimization technique for effective document clustering in question answering system”, ICTACT International Journal on Soft Computing, Vol. 07, no. 03, pp. 1447 -1451, April 2017.
8. Karpagam.K & Saradha.A, “An Improved Question Answering System Using Domain-Context Specific Document Clustering with Wordnet”, International Journal of Printing, Packaging & Allied Sciences, Vol. 4,no. 5, pp. 3257-3265,Dec 2016.
9. Karpagam.K & Saradha.A, “An intelligent conversation agent for health care domain”, ICTACT International Journal on Soft Computing, Vol. 4,no. 3, pp. 776-741, Apr 2014.
10. Text Summarization using QA Corpus for User Interaction Model I.J. Education and Management Engineering, 2020, 3, 33-41 Published Online June 2020 in MECS (<http://www.mecs-press.net>) DOI: 10.5815/ijeme.2020.03.04
11. DEEP LEARNING APPROACHES FOR ANSWER SELECTION IN QUESTION ANSWERING SYSTEM FOR CONVERSATION AGENTS K. Karpagam<sup>1</sup>, K. Madusudanan<sup>2</sup> and A. Saradha<sup>3</sup> K KARPAGAM et al.: DEEP LEARNING APPROACHES FOR ANSWER SELECTION IN QUESTION ANSWERING SYSTEM FOR CONVERSATION AGENTS DOI: 10.21917/ijsc.2020.0289

12. Bhavithra, J & Saradha, A, 'Personalized web page recommendation using case-based clustering and weighted association rule mining', Springer Cluster Computing: The Journal of Networks, Software Tools and Applications, Volume. 22, Issue. 3, pp. 6991-7002, May 2019, Print ISSN 1386-7857, Impact Factor: 1.851, DOI: <https://doi.org/10.1007/s10586-018-2053-y>
13. Bhavithra, J & Saradha, A, 'Personalized Nutrition Recommendation for Diabetic Patients Using Optimization Techniques', Intelligent Automation & Soft Computing, World Automation Congress, TSI Press, Vol. 26, no. 2, pp. 269–280, **June 2020**, ISSN: 1079-8587, Impact Factor: 0.644, DOI: 10.31209/2019.100000150
14. J. Bhavithra, Dr. A. Saradha, K. Renuka Devi, "Personalized Nutrition Recommendation for Diabetic Patients using Improved K-Means and Krill-Herd Optimization", International Journal of Scientific and Technology Research (SCOPUS Indexed – 2277-8616), Volume: 9, Issue: 3, **2020**, pp. 1076-1083.
15. J. Bhavithra, Dr. A. Saradha, K. Renuka Devi, "Diet Recommendation for Glycemic Patients using Improved K-Means and Krill-Herd Optimization", ICTACT Journal of Soft Computing, Vol 10, Issue 3, **2020**, pp. 2096-2101.
16. J. Bhavithra, Dr. A. Saradha, K. Renuka Devi, "Nutrition Recommendation for Diabetic Patients using Improved Krill-Herd Optimization", In proceedings of International Conference on Statistical Applications in Data Analytics and Data Science (ICSADADS), Amrita School of Engineering, Coimbatore, pp: 8 (**22nd February 2020**).
17. J. Bhavithra, Dr. A. Saradha, K. Renuka Devi, "Diet Recommendation for Glycemic Patients using Improved K-Means and Krill-Herd Optimization", In proceedings of Ninth National Conference on Computing and Communication (NCCC' 20), Dr. Mahalingam College of Engineering and Technology, Pollachi, pp: 1-7 (**6<sup>th</sup> March 2020**).