

Name : Dr.A. Kunthavai

Designation : Professor/ CSE

No. of journal Publications : 9

Area of Specialization : Data mining, Distribution system, DBMS

Journal Publications:

1. **A.Kunthavai**, S.Vasantharathna and S.Thirumurugan, "Pairwise Sequence Alignment using Bio-Database Compression by Improved Fine Tuned Enhanced Suffix Array", The International Arab Journal of Information Technology, Vol- 12, No: 4, July 2015. Impactfactor 0.34.(Annexure I).(ISSN:1683-3198)
2. **A.Kunthavai**, S.SaranyaRubini, "Diabetic Retinopathy Detection Based on Eigen Values of the Hessian Matrix", Elsevier Science in the open-access journal Procedia Computer Science, Vol- 47, page 311-318, May, 2015.(ISSN: 1877-0509)
3. **A.Kunthavai**, M.Bagyarani "Analysis of Cancer Biomarker", National Journal of Technology, Vol 12, Issue 2, June 2016 (ISSN Code:0973-1334).
4. Rajasree.S, **A.Kunthavai**, "Evaluation of Distance Based Clustering Techniques for High Dimensional Data", International Journal of Innovation and Advancement in Computer Science, Vol 6, Issue 11, Nov 2017(ISSN: 23478616).
5. R.Priyadharsini, **A.Kunthavai**, "Optical wireless transmission for Biomedical Data" International Journal of Electronics, Electrical and Computational System Volume 6, Issue 11, pp 452-460, Nov 2017(ISSN 2348-117X).
6. **Kunthavai, A.**, and R. Ranjithaa. "Auto-Scheduler for School Timetable Using Bacterial Foraging Optimization Algorithm." International Journal of Innovations in Engineering and Technology (IJIET), Vol: 10 Issue 1 April 2018 (ISSN: 2319-1058) Impact Factor : 0.672
7. **Dr.A.Kunthavai**, S.Saranya Rubini, , "Morphological Contour Based Blood Vessel Segmentation in Retinal Images using Otsu Thresholding", International Journal of Applied Evolutionary Computation(IJAEC), Vol:9 Issue:4 Article:4 August 2018
8. **Dr.A.Kunthavai** , Kirithiga.G, "Automatic Real Time Accident Prevention System", International Journal of Modern Trends in Engineering and Science (JMTES) , ISSN: 2348-3121, PP: 16-19, Volume:06 Issue:01 2019.
9. **Dr.A.Kunthavai** M. Vishnu Prasath, T.Shankar, M.Jagan, V. Vijayaprasad, S.Thangavel, " Predictive Model for Cancer Detection using CUDA K-Means ", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07 Issue: 05 | May 2020.

International Conference:

1. R.Priyadharsini, **Dr.A.Kunthavai**, “A Survey on Mitigation of Radio frequency effects in Hospitals using Light Fidelity” International Conference on Advancements in Automation, Robotics and Sensing ,june 23,24 th 2016,pg no 41.
2. **A.Kunthavai**, S.SaranyaRubini, “Optic Disc Segmentation and Diabetic Retinopathy Detection using Hessian Matrix”, International Conference on data science and engineering,PSG institute of Technology, Coimbatore, Jan, 2017.
3. R.Priyadharsini,**Dr.A.Kunthavai** , “Optical wireless transmission for Biomedical Data”, International conference on Science, Technology & Management, The Institution of Engineers, Hyderabad, November 2017.
4. Rajasree.S,**A.Kunthavai**,”Evaluation of Distance Based Clustering Techniques for High Dimensional Data”, International Conference on Advancement in Engineering, Applied Science and Management,,Institution Of Electronics and Telecommunication Engineers, Bengaluru, 26th November 2017.
5. S.Saranya Rubini, **Dr.A.Kunthavai**, Dr.Ashish Sharma, “Deep Convolutional Neural Network Based Diabetic Retinopathy Detection in Digital Fundus Images”, International Conference on Soft Computing and Signal Processing, Malla Reddy College of Engineering and Technology, Hyderabad, June, 2018.