JournalsPublication :

1. V.E. Jayanthi, P. Mohan Kumar, S. Sriram, M. Jagannath, D. Harshavarthanan and K. Adalarasu, Power Spectral Density for Detecting White Space in Wavelet based Spectrum", International Journal of Advanced Science and Technology, June-2020, Vol.29, issue.No (9s), pp. 7148 - 7153.

2. R. Divya, and VE. Jayanthi, "Dynamic Resource Scheduling Cloud using Enhanced Queuing Model", International Journal of Recent Technology and Engineering (IJRTE), May -2020, Vol. 9, issue no.1,

3. P.Sutha, VE.Jayanthi, "Implementation of a Biopotential Amplifier with a Conventional and Current-Balancing Approach for Foetal ECG Monitoring", Circuits, Systems, and Signal Processing,**Jan-2020**, Vol.39, issue.No.6, pp.2860-2879.

4. V.E. Jayanthi, G. Sudhanthira,P. Sutha,S. Usha, S. Hariedha, M. Jagannath, "Design of Hand Task Assist Device for Perceptual Disabilities", International Journal of Advanced Science and Technology, **March 2020,** Vol.29, issue No. 5s (Special issue), pp. 414 - 420.

5. V.E. Jayanthi, P. Mohan Kumar, S. Sriram, M. Jagannath, D. Harshavarthanan and K. Adalarasu, "Spectral Density for Detecting White Space in Wavelet based Spectrum", International Journal of Advanced Science and Technology, **June-2020,** Vol.29, issue.No (9s), pp. 7148 - 7153.

6. R. Divya, and VE. Jayanthi, "Efficient Optimal Resource Allocation for Profit Maximization in Software Defined Network approach to improve quality of service in cloud environments, Journal of Ambient Intelligence and Humanized Computing : Springer-Verlag GmbH Germany, **June- 2020**. pp. 1-12, online, https://doi.org/10.1007/s12652-020-02192-8)

7. S.Kailasavalli, C.Yamini, M. Meenakshi, and VE. Jayanthi, "Doubt Fuzzy Km Ideal On K- Algebras", Advances in Mathematics: Scientific Journal", Advances in Mathematics: Scientific Journal, **June-2020,** Vol.9, issue. no.5, pp. 3041–3048.

8. Kumar, M & Jayanthi, VE **2019**, 'Underdetermined blind source separation using CapsNet'. Soft Comput doi:10.1007/s00500-019-04430-4 (Impact Factor:2.784).

9.

10. Kumar, M & Jayanthi, VE, 'Blind source separation using kurtosis, negentropy and maximum likelihood functions', International Journal of Speech Technology, Vol. 23, **2020**, pp.13.21, ISSN 1381-2416 (Scopus Jouranl) DOI:10.1007/s10772-019-09664-

11. Raja Kumar, C and **Jayanthi**, VE. "A Novel Fuzzy Rough Sets Theory Based CF Recommendation System", International Journal of Computer Systems Science & Engineering, CRL Publishing Ltd Vol.3, **May 2019** pp. 1-7.(Annexure I -IF 0.7).

12. S. Kailasavalli, C.Yamini, M.Meenakshi and VE.Jayanthi "An Intuitionistic Fuzzy Magnified Translation of Km Ideals On Kalgebra", International Journal of Mechanical

Engineering and Technology (IJMET), **April 2019**, Volume 10, Issue 4, pp. 443-454. Website www.iaeme.com. (IF 10.6)

13. Preethi, D.M.D., **Jayanthi, VE, "**Performance analysis of iris-based identification system based on exudates", Int.J.Biomedical Engineering and Technology. Vol.29, No.3 **Feb 2019**, pp. 231–245 ISSN: 1752-6418 Online ISSN: 1752-6426 https://doi.org/10.1504/IJBET.2019.097623 (Annexure I -IF 0.6).

14. A.Vanitha Katherine, T.Kamalavalli, S.Vinothini, M.Jagannath and VE.Jayanthi, "Modern Very Fast Decision Tree Model for Mining High-speed Time-series Data Stream", International Journal of Engineering and Technology, Vol.7 No (4.39), pp.492-496, **Dec.2018.DOI: 10.14419/ijet.v7i4.39.24361**

15. **Jayanthi VE**, Divya R and Jagannath M, "A Review on Optimization Approaches in Cloud Computing Service", International journal of Engineering and Technology, Vol.7 No(3.24) **Nov.2018,** PP.517-521.(IF.

16. Nandhu Kishore, H and **Jayanthi VE**, "Automatic stenosis grading system for diagnosing coronary artery disease using coronary angiogram", Int.J.Biomedical Engineering and TechnologyISSN: 1752-6426. (Anexure I **Accepted** for publication, **In-press** IF:0.6).

17. Preethi, D. M. D.; **Jayanthi, V. E**."Evaluation of structural changes in iris due to glaucoma", Journal of Medical Imaging and Health Informatics, Volume 8, Number 6, **August 2018**, pp. 1243-1248(6)**Publisher:** American Scientific Publishers**DOI:** https://doi.org/10.1166/jmihi.2018.2424 (IF:0.256)

18. K. Pradeep , **V.E. Jayanthi ,** K. Hemalatha, K. Adalarasu, and M. Jagannath, "Three-Dimensional Finite Element Analysis of Surface Mesh Model of Human Tibia Bone", Research J. Pharm. and Tech. 11(7): **July 2018,** pp.2752- 2755, (Scopus index Journal), ISSN 0974-3618 (Print) www.rjptonline.org 0974-360X (Online).

19. Nandhu Kishore, H and **VE.Jayanthi**, "Neuro-Fuzzy Based Medical Decision Support System for Coronary Artery Disease Diagnosis and Risk Level Prediction", Journal of Computational and Theoretical Nanoscience, ISSN: 1546-1963, Vol.15, No.3, pp.1027-1037, **MARCH 2018** (SCOPUS: Impact Factor: 0.88, Annexure-I)

20. Nandhu Kishore, H and **VE.Jayanthi**, "Multi criteria decision making (MCDM) methods to predict the prevalence of coronary artery disease', Journal of Medical Imaging and Health Informatics, ISSN : 2156-7018 Vol.8 no.4 pp.711-718. **2018**. (Annexure-I, IF:0.621)
21. Sutha, P and **Jayanthi, VE, "**Issues and Challenges in Fetal Electro Cardiogram Extration-Review", IIOAB Journal, Vol.8, No.3 pp.69-72, **2017**, ISSN :0976-3104.

22. Sutha, P and **Jayanthi, VE** "Fetal Electrocardiogram Extraction and Analysis Using Adaptive Noise Cancellation and Wavelet Transformation Techniques", Journal of Medical Systems Vol. 42(21), 08,**Dec 2017,**https://doi.org/10.1007/s10916-017-0868-3.

Publisher Name Springer US, Print ISSN0148-5598, Online ISSN1573-689X. Impact Factor2.456, SCI, Scopus Jounal, Web of Science. (Annexure-I 6556)

23. Preethi, D.M.D., **Jayanthi, VE**, "SOM Clustering Approach: Investigation on Cataract Surgery Structural Changes in Iris", Biomedical Research (2017) Volume 28, Issue 12, pp. 5210-5216, **2017.** Impact Factor: 0.219, ISSN: 0970-938X (Print) | 0976-1683 (Electronic), SJR=0.17, Scopus journal(Annexure-I : 1434).

24. P.Murugeswari, Dr.A.P.Kabilan and **Dr.VE.Jayanthi**, 'Effect of Current Mode Signaling in Carbon Nanotube On-Chip Interconnect', Journal of Nano Research, ISSN: 1661-9897, Vol. 45, pp 42-48, **Jan 2017**.

25. Vellachi and **Jayanthi. VE**., Biomass: A renewable energy resource with environmental benefits", International journal of engineering, Vol.5, 01/08/2016 ISSN:23495200.(Google scholar)

26. Preethi, D.M.D and **Jayanthi VE.**, "Detection approaches to analysis eye pathologies: A Survey', Pak.J.Biotechnolo.Vol.13 **2016,** pp.257-260. (Special issue on innovations in information Embedded and Communication systems), (Annexure II, IF: 0.256).

27. P. Murugeswari, A.P. Kabilan, **V.E. Jayanthi**, R. Gayathri and K. Mahalakshmi , 'Design of Cntfet Based Interfacing Circuits for On-Chip Cnt Interconnect', Middle-East Journal of Scientific Research, Vol. 24 (10), ISSN 1990-9233pp. 3332-3340**, 2016** .

28. Subha, B and **VE.Jayanthi,VE**. "Systematic Detection of Primary Synchronization Signal in Third Generation Partnership Project Long Term Evolution System", Advances In Natural And Applied Sciences (ANAS), ISSN: 1995-0772, EISSN: 1998-1090, Published BY AENSI Publication Vol.10, No.2 **(2016)** February, pp. 87-91. (Annexure-II:)

29. Jayanthi.VE and Raja Kumar.C, "A survey paper on collaborative filtering based recommender systems in business industries", IIOAB Journal - Volume 8; Suppl 3: **2017**, pp.37-42, ISSN: 0976-3104, Supplementary issue, reference is http://www.iioab.org/vol8n3s.

30. Nandhu Kishore, A.H. and **Jayanthi, V.E.,** "The Architecture Framework of Computer Aided Diagnosis Systems for Prophylactic Disease Prediction and Prevention", International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562 Vol.10, No.21 (2015), pp.42061-42080. (Annexure-II: IF-0.166)

31. Ajitha Merlin, Rajamani, V. **Jayanthi, VE.,,** "Architecture Design and FPGA Implementation of Removable Visible Image Watermarking for Digital Camera Images Using Private Key"- Journal of Imaging Science and Technology, Volume 58, Number 6, Nov-2014, pp. 60502-1-60502-10(10) DOI: http://dx.doi.org/10.2352/J.ImagingSci.Technol.2014.58.6.060502 (Annexure II-11461)

32. Nivedha, A and **Jayanthi,VE**. "Literature Survey for Bone Diseases Identification Using Thickness of Bone", International Journal of Engineering Sciences and Research Technology (IJESRT), ISSN: 2277-9655, Nov-2014, vol.3 No.11, pp. 685-689.

33. Nivedha, A and **Jayanthi,VE**. "Measuring of Osteoporosis Defected Bone Thickness Using Star Line Tracking Technique", International Journal of Applied Engineering Research (IJAER), ISSN: 0973-4562, 2015, vol.10 No.5, pp.4768-4772. (Annexure II-8565)