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Publications

### **Publications**

1. R. Preetha; G.R. Suresh, "Immune Feature Weighted Least Square Support Vector Machine for BrainTumor Detection Using MR Images", IETE Journal of Research. **Impact factor – 0.829**  
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2. R. Preetha; G.R. Suresh, "Performance evaluation of immune inspired support vector machine", Int. J. of Biomedical Engineering and Technology, 2014 Vol.16, No.3, pp.209 – 222 . **Impact factor -0.451**  
<https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2014.065804>
3. Three Dimensional Reconstruction of Brain Tumor MRI using Mass Sphering Analysis, 'Caribbean Journal of Research' Dr.Preetha R, Dr.Vanitha L, Priyadharshini S, Nami Susan Kurian, Valarmathy M, Vol.53, Issue 2, May-Aug 2019.
4. Dr.R.Preetha, M.Valarmathy, "Performance Evaluation of Static Power Reduction techniques in Nano-scale CMOS circuits", Journal of Critical Review, CR. 2020; 7(5): 1225-1231, doi: 10.31838/jcr.07.05.229  
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[https://www.researchgate.net/publication/309104484\\_Performance\\_analysis\\_in\\_detecting\\_brain\\_tumor\\_tissue\\_using\\_SVM\\_in\\_MR\\_images](https://www.researchgate.net/publication/309104484_Performance_analysis_in_detecting_brain_tumor_tissue_using_SVM_in_MR_images)
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7. Dr. R.Preetha, Nami Susan Kurian, "S-Pda: A Smart Pda For Agricultural Advancement", International Journal Of Scientific & Technology Research Volume 9, Issue 01, January 2020.  
<http://www.ijstr.org/final-print/jan2020/S-pda-A-Smart-Pda-For-Agricultural-Advancement-.pdf>
8. G.Kannan; S.Priyadharshini; R. Preetha, "Intellectual Game Development using Unified Learning Platform Kit", International Research Journal of Engineering and Technology, Vol.5, issue.2, Feb 2018.

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9. S.Jaya Priya, R.Saradha, T.Shajeah Farhaa,Dr.R.Preetha, “ Fusion of Structural And Textural Features For Melanoma Recognition”, International Research Journal in Global Engineering and Sciences,Volume 03, Issue 04, 2019.  
<http://www.iriges.com/Volume3Issue4/paper3.pdf>
10. R.Preetha,, S.Priyadharshini; “Pulse Sensor of Diagnosis and analysis of Heart rate using Peak Detection Technique”, i-manager’sJournal on Instrumentation & Control Engineering, Vol.3, No.2, Feb – Apr 2015.  
<https://imanagerpublications.com/article/3535/17>
11. R. Preetha, G. R. Suresh, "Performance Analysis of Fuzzy C Means Algorithm in Automated Detection of Brain Tumor", WCCCT, 2014, 2014 World Congress on Computing and Communication Technologies (WCCCT), 2014 World Congress on Computing and Communication Technologies (WCCCT) 2014, pp. 30-33, doi:10.1109/WCCCT.2014.26  
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14. Dr.R.Preetha , “Automated Monitoring of Commercial Systems using LiFi Technology”, National Conference on Design Automation in Electronics and Communication (DAEC’18), R.M.D Engineering College on 2<sup>nd</sup> April, 2018.
15. Dr.R.Preetha, “ Electronic voting using Finger Print”, National Conference AAVISHKAAR 2018, Vel Tech High Tech Dr. Rangarajan Dr.Sakunthala Engineering College on 2<sup>nd</sup> April, 2018.
16. B.Gowthemi, G.PavithraLakshmi,S.Ranjitha & R.Preetha, “Bus Identification system for visually challenged persons”,International Conference on Green Technologies for power generation, Communication and Instrumentation(ICGPC’16), 2016.
17. Preetha.R , SureshG.R, “Immune Feature Weighted Support Vector Machine in Automated Detection of Brain Tumor” International conference on Electrical, Electronics & Computer Engineering (ICEECE), 2015.

18. Preetha.R, “Scene completion for exemplar image using fast query algorithm”, Spectrum 2011, 4<sup>th</sup> National conference on recent trends in communication technologies in association with IEEE.
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20. R.Preetha, “ An Innovative Approach for Routing of WSN Using Spatio Temporal Correlation Methods”, National Conference on Smart grid Communication and Internet Of Things, NCSCIOT – 2017, 28th & 29th April 2017