

MEMBER FROM ANNA UNIVERSITY AND AFFILIATED COLLEGES

DC MEMBER – 1

NAME	: DR.R.GAYATHRI
DESIGNATION	: ASSOCIATE PROFESSOR

LIST OF PUBLICATION:

1. Sherin shibi& R. ,Gayathri“Target Object Detection using Chicken Social- Based Deep Belief Network with Hyperspectral Imagery” has been accepted for publication in IET Image processing (England)., 2 Science Citation Index Expanded with impact factor. 6 (Clarivate analytics).
2. Babitha lincy& R.Gayathri,” Optimally Configured Convolutional Neural Network for Tamil Handwritten Character Recognition by improved Lion Optimization Model" ,has been published in ,the Springer“Multimedia tools and applications, with ISSN 1380-7501, Science Citation Index Expanded with impact factor: 2. 313(Clarivate analytics),
3. R, Srinath; & R, Gayathri, Detection and classification of electroencephalogram signals for epilepsy disease using machine learning methods, has been published in the International Journal of Imaging Systems and Technology. 2020, pp1-12 With ISSN 0899- 9457/ 1098- Science 1098 impact factor 1 Citation Index Expanded with.) 925Clarivate analytics.(
4. Komathi B, Gayathri R, “ Comparative Analysis of Support Vector Machine for Hyper spectral Image Classification” .International Journal of Innovative Research in Technology) IJIR TISSN:2349-6002 ,pp .133-139 ,Volume-7 Issue-1, June2020 .
5. Akila G, Gayathri R, "Advances in Scene Classification of Remotely Sensed High Resolution Images and the Existing Datasets', International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, pp. 1643-1647, Volume- 8Issue-10 ,August 2019.pp .133 - Scopus ,139 index, with impact factor: 1

6. Sheriff M, Gayathri R, “ Attention Deficit Hyperactivity Disorder(Adhd) Detection Methods” , International Journal of Recent Technology and Engineering)IJRTE (ISSN :2277 –3878 , pp. 242– 244, Volume-8, Issue-2S5, July2019Scopus index ., with impact factor:0.32
7. R, Srinath; & R, Gayathri. “ A Survey on Epilepsy Detection and Classifications Using Automated Approaches” ,International Journal of Engineering & Technology ,[S.l.] ,volume .7 ,no .4.6 ,pp .529- 531 ,sep .2018 .ISSN2227 -524XScopus index ., with impact factor: 0.630
8. M. Kavitha& R.Gayathri, “ Implications of Remote Sensing Data Analysis Using Deep Learning Techniques” , Journal of Computational and Theoretical Nanoscience ,Volume 15, Numbers9-10 , September 2018, pp. 2857-2862.Scopus index ., with impact factor:0.222
9. C. S. Shibi and R. Gayathri, "Performance Analysis of Hyperspectral Supervised Target Detection Algorithms," 2019Fifth International Conference on Science Technology Engineering and Mathematics)ICONSTEM) ,Chennai ,India ,2019 ,pp .511-515 .doi : 10.1109/ ICONSTEM.2019.8918790 .Publisher .IEEE digital library
10. Babitha lincy& R.Gayathri, “ A Survey on Handwritten Character Recognition Techniques for Tamil Language” ,International Journal of Engineering & Technology ,7)3.34) (2018 (975-979 Scopus ,index, with impact factor:0.69
11. Gayathri R, M. Anantha Bhairavi, D. Aravind, "An Intelligent and Real Time System for Automatic Driven Toll Gate System under Complex Scenes" International Journal of Computational Intelligence Research ISSN0973-1873 Volume14 ,Number 1(2018) ,pp .1-13 ,(IF1.57(, UGC listed journal.
12. R.Gayathri, E.Roshith, “ Implementation of Arduino based Enhanced Fingerprint Biometric System for Secured Data Exchange” ,International Journal of Computational Intelligence Research ,ISSN 0973- 1873Volume 13, Number8)2017(, pp. 2113-2123.
13. R.Gayathri, E.Roshith, “ Gesticulation Based Smart Surface with Enhanced Biometric Security using Raspberry Pi” ,International Journal of Computer Science Issues ,olume 14, Issue5 ,September 2017 ISSN)Print :(1694-0814 |ISSN)Online :(1694-0784
14. Jose Nisha J and Gayathri R“ Multifeature Biometric Based Authentication System(MBBAS)” International Journal of Emerging Trends& Technology in Computer Science(IJETTCS) ,Volume 6, Issue3 ,May -June 2017.

15. Jose Nisha J and Gayathri R, "Multifeature Biometric Based Authentication System" International Journal of Innovative Research in Computer and Communication Engineering, Vol. 5, Special Issue 3 ,April 2017.
16. S.Bhuvaneswari, R.Gayathri, & A.Mariya Princy, " Multifeature Human Authentication Using Score Level Fusion of Ear and Helix" ,International Journal of Engineering Research and Technology ,Vol . 4 ,(14) ,2016 ,pp .15-18Scopus index ,, with impact factor:1.2
17. A.Mariya Princy, R. Gayathri& S.Bhuvaneswari, " Online Palmprint Authentication using Multifeature Fusion" ,International Journal of Engineering Research and Technology, Vol. 4,)14(, 2016, pp. 85-88.Scopus index ,, with impact factor:1.2
18. R.Gayathri and P.Ramamoorthy, " Performance Evaluation of Multimodal Multifeature Authentication System Using KNN Classification"The Scientific World Journal ,, Vol. 2015, Article ID762341 ,9 pages, 2015. doi:10.1155/2015/ ,762341ISSN 1793- 9623/ 1793-9615, Science 1 Citation Index Expanded with impact factor. 4(Clarivate analytics)
19. R.Gayathri and M.Senthilkumar, " Personal Authentication Using Multifeature Multispectral Palmprint Traits" ,The Scientific World Journal ,Vol .2015 ,Article ID 861629, 11pages ,2015 . doi:10.1155/2015/861629 ,ISSN 1793- 9623/ 1793-9615, Science Citation Index Expanded with impact factor. 4(Clarivate analytics).
20. R.Gayathri. ,V.Saranya and S.Dhivya., " A Novel Approach for Fusion of Panchromatic and Multispectral Image Through Neural Network" ,ARPJ Journal of Engineering and Applied Sciences , Vol .10 ,(14) ,2015Scopus index with Impact factor ,.: 0. 52
21. R.Gayathri. ,S.Dhivya and V.Saranya., " A Novel Personal Authentication Using Knuckle Multispectral Pattern" ,ARPJ Journal of Engineering and Applied Sciences ,Vol .10 ,(14) , 2015Scopus index with Impact factor.: 0.52
22. R.Gayathri et al. , "Multispectral Palmprint Recognition Using Ant Colony Optimization" ,ARPJ Journal of Engineering and Applied Sciences ,Vol .10 ,(14) ,2015Scopus index with Impact factor.: 0.52