

CURRICULUM VITAE



Name : Dr. V. VANI
Designation : Assistant Professor
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Teaching Experience : 16 years

S.No	Name of the Institution	Period of Service
1.	B.P.J Arts and Science College, SriMushnam	09.06.2004 – 16.04.2005
2.	Shree Raghavendra Arts and Science College, Keezhamoongiladi.	09.06.2005 – 30.04.2008
3.	J.J. College of Arts and Science (Autonomous)	09.06.2008 to Till Date

Publications:

1. Vani ,V Automatic Intensity Graph Method for Brain and Tumor Segmentation Using Density Measures, The International Journal Of Science & Technology ISSN 2321 – 919X, Vol 2 Issue 7, July, 2014 Page No .345-349.Impact Factor: 0.981
2. Vani, V Multiscale Modeling For Image Analysis of Brain Tumor Detection And Segmentation Using Histogram Thresholding, International Journal Of Engineering And Computer Science ISSN: 2319-7242Volume - 3 Issue -8 August, 2014 Page No. 7525-7534. Impact Factor: 3.022.
3. Vani ,V Review on Automated Brain Tumor Segmentation and classification from Brain MRI, International Journal of Advanced Scientific and Technical Research Issue 5 volume 2, March-April 2015 Page No 12- 21 Impact Factor: 3.94.
4. Vani, V Automated Detection and segmentation of Brain MRI,International Journal of Advanced Research Trends in Engineering and Technology (IJARTET),ISSN 2394-

3785Vol. 3, Special Issue 20, April 2016ISSN 2249-9954 Page No . 133-141 Impact Factor: 5.338

5. Vani , V Improved Intelligent Classification Technique Based On Support Vector Machines, International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 02, Issue 07; July - 2016 ISSN: 2455-1457 Page No 94-99 Impact Factor:4.101.
6. Vani, V and Dr.M.KalaiselviGeetha Automatic Tumor Classification of Brain MRI Images, International Journal of Computer Sciences and Engineering, Volume-4, Issue-10 E-ISSN: 2347-2693Page No144-15. Impact Factor: 3.022.
7. Vani , V and Dr.M.KalaiselviGeetha Implementation of Classification System for Brain Tumor using DWT, International Journal of Advanced Trends in Computer Science and Engineering, Volume 5, No.6, November - December 2016, ISSN 2278-3091 Page No 82 -88. Impact Factor: 3.065.
8. Vani , V and Dr.M.KalaiselviGeetha Automatic Tumor Classification of Brain MRI Images using DWT Features, International Journal of Advanced Research in Computer Science, Volume 7, No. 5, ISSN 0976-5697 September-October 2016 Page No 93-99. Impact Factor: 3.727.
9. Vani, V Automated Grade Classification of Brain Tumor MRI, International Journal of Computer Science Volume 5, Issue 1, No 24, 2017, ISSN: 2348-6600 Page No: 1739-1757. Impact Factor: 3.022
10. Vani, V and Dr.M.KalaiselviGeetha Brain Tumor Grade Classification of MRI Images, International Journal of Creative Research Thoughts, Volume 6, Issue 1 February 2018 | ISSN: 2320-2882 Page No 476-491. Impact Factor: 7.97.
11. Dr.Vani.V , Segmentation of Tumor in MRI using K-means Algorithm, International Journal of Scientific Research in Computer Science Applications and Management Studies, Volume 8, Issue 1 (January 2019) | ISSN 2319 –1953. Impact Factor: 0.654.
12. Dr.Vani.V , Probabilistic Neural Network design for Classification of Brain Tumor, International Journal of Scientific Research in Computer Science Applications and Management Studies, Volume 8, Issue 1 (January 2019) | ISSN 2319 –1953. Impact Factor: 0.654.
13. Dr.Vani.V. “Various Techniques of Brain Tumor Detection in Image Processing “The International of Analytical and Experimental Model Analysis, Volume XI, Issue XI (November 2019)|ISSN 0886-9367. Impact Factor: 6.3.

Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Presented	3 rd February 2012, National Seminar on Managerial Challenges for Contemporary Business at KarpagaVinayaga Institute of Management, Pudukkottai.	Enterprise Thriving Despite the nebulae in implementing ERP
2	Presented	16 th April 2014, in National Seminar on “Role of CSR in Environment management” at KarpagaVinayaga Institute of Management, Pudukkottai.	Contribution of ICT to the Contemporary Society
3.	Presented	23 rd April 2014, in National Conference on “Role of ICT in teaching” at KarpagaVinayaga Institute of Education, Pudukkottai.	A detailed overview on prolific and hassle free teaching and learning through ICT
4.	Presented	March 2015, in national conference on “Advanced computing “at Jamal Mohamed college (Autonomous), Trichy.	MultiscaleModeling for image analysis of brain tumor detection and segmentation using histogram thresholding
5.	Presented	February 2015, in State level Seminar on “Computing and Communication techniques” on at Jamal Mohamed college (Autonomous), Trichy.	A Comparative study of various segmentation Techniques for Brain MRI
6	Participated	August 2015 at Bharathidasan University.	International Workshop on Image Processing Research with Mat lap
7.	Presented	April 2016, in International conference on Innovations in computer Science and Technology at AlagappaUniversity, Karaikudi.	Automated Detection and Segmentation of Brain MRI
8	Presented	August 2016, International conference on “Recent Trends in Business and management” at J.J. College of arts and science, pudukkottai.	Improved Techniques for Artificial Intelligence using Brain MRI
9	Participated	October 2016 at	National Seminar on Advances in Computer

		AlagappaUniversity, Karaikudi.	Science
10	Participated	November 2016, at AlagappaUniversity, Karaikudi.	National seminar on Recent Developments in Computer Networks
11	Presented	January 2017, in National conference on “New Horizons in computer science” at J.J College of Arts and Science, Pudukkottai.	Automated Classification of tumours in human Brain MRI using GLCM
12	Presented	February 2017, in international conference on “Advancement in computing Resources” on at AlagappaUniversity, Karaikudi.	Automated Grade Classification of Brain Tumor MRI
13	Presented	March 2017 in National conference on “Emerging Trends in computing” on at AlagappaUniversity, Karaikudi.	Survey of medical image analysis for Brain MRI
14	Presented	30 th and 31 st August 2018, in the Two-Day International conference on “Global contemporary issues in Business and I.T.” at J.J College of Arts and Science, Pudukkottai.	MRI based brain tumor grade classification using SVM
15	Presented	11 th and 12 th September 2018, in the Two-Day National conference on “Resent Trends in pure and Applied Mathematics. “On at J.J College of Arts and Science, Pudukkottai.	Brain tumor detection and classification of MRI images using PNN
16	Presented	6 th and 7 th September 2019, in the Two-Day National conference on “Contemporary Trends in computer Science at J.J College of Arts and Science, Pudukkottai.	Classification and Segmentation of Brain tumor using MRI images
17	Presented	25th and 26 th September 2019 in the Two-Day International conference on “Global issues in Business and IoT.” at J.J College of Arts and Science, Pudukkottai.	Challenges and future of Internet of Things
18	Presented	4 th November 2019. In the Two Day International conference on “in National Conference on Recent Research Trends in	Brain Tumor Identification using 2 D MRI images

		Computer Science at Alagappa university, Karaikudi.	
19	Presented	4 th November 2019, in National Conference on Recent Research Trends in Computer Science at Alagappa University, Karaikudi.	Magnetic Resonance Images for Brain Tumor Detection
20	Presented	18 th and 19 th December 2019,in the Two Day International conference on “Advances in Business Management Entrepreneurship and Inclusive Growth” on at J.J College of Arts and Science, Pudukkottai.	Image Processing for Early Detection of Brain Tumor Using Artificial Neural Networks

Research Guidance

1. **M.Phil.** Guiding : 01 Completed : 0