



Dr. M.VANITHA
Assistant Professor

Contact

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Date of Birth : 25-07-1975

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Academic Qualifications: M.Sc (OR & CA),M.Sc.,M.Phil.,Ph.D (CS),B.Ed (Maths).

Teaching Experience: 6.5 Years

Research Experience: 4 Years

Additional Responsibilities

1. Class –Incharge for III MCA Students
2. Question paper setter in various Universities like Periyar,Bhirathidasan University for MCA and M.Sc Programmes.
3. Assisting NAAC work.

Areas of Research

1. Digital Image processing
2. Data mining
3. Network Security

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	8
	M.Phil.	12	6
Project	PG	30	-
	UG / Others	32	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
27	-	-	-	-

Cumulative Impact Factor (as per JCR) :	0.67
h-index :	1
i10 index :	0
Total Citations :	3

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 3

1. **Organizing Sectary** in National Seminar on “Recent Developments in Computer Network” for the MCA(R/WE), M.Sc. (CS) students and M.Phil, Ph.D. Scholars on 04-11-2016 and 05-11-16 in the Convocation Seminar Hall, Alagappa University Karaikudi.
2. **Organizing committee Member in** International Conference on “Innovations in Computer Science & Technology” in the Department of Computer Science and Engineering, Alagappa University, Karaikudi, Tamil Nadu on 4th & 5th April 2016.

3. **Advisory Committee Member in ALUTES 2016** organized by the Cultural Club, Alagappa University during October 3 – 5, 2016.

Events Participated

Conferences / Seminars / Workshops: 13

1. National Level Conference on “Innovations in IT” organized by the School of Computer Science, Thanthai Hans Roever college on 5th and 6th March 2010.
2. Workshop on DNA Based Molecular Markers in Herbal Drug Technology organised by TNSRO Arimalam-622 201 Pudukottai(dist), held on 08-02-2011 at Sri Bharathi Arts & Science college for Women, Kaikurichi, Pudukottai.
3. Presented a paper titled Development of Medical Image Database & Retrieval Technique with Minimum Distance Approach in International Conference on Biomedical Instrumentation, Engineering and Environmental Management dated 23rd & 23rd July 2011.
4. Workshop on National e-Governance Plan – Awareness held at Technology Park, Bharathidasan University, Tiruchirapalli during on 9th January 2012.
5. National Seminar on “Recent Trends in Information Technology” Organized by The H.H.The Rajah’s College, Pudukkottai during 25th February 2012.
6. The National Seminar on “Cloud Computing” held at Technology Park, Bharathidasan University, Tiruchirapalli during on 26th September 2012.
7. State Level Seminar on “Empowering Teacher Educators Through Cognitive Psychology “Organized by Sri Bharathi College of Education, Kaikkurichi, Pudukkottai during 13th December 2014.
8. National Science Day Seminar During 25th February 2015 held at V.S.S. Govt. Arts college, Pulankurichi-630 405, Sivagangai District, Tamil Nadu-State, India.
9. International Conference on Innovations in Computer Science and Technology (ICICST 2016) organized by the Department of Computer Science & Engineering, Alagappa University, Karaikudi during April 04-05, 2016.
10. International Workshop on Data Science & Analytics Organized by the Department of Computer Science, Alagappa University, Karaikudi during September 27-28, 2016.
11. National Seminar on Advances in Computer Science (NSACAS 2016) organized by the Department of Computer Science, Alagappa University, Karaikudi during 21st and 22nd October, 2016.
12. National Seminar on Recent Developments in Computer Networks (NSRDCN-2016) Organized by the Department of Computer Applications, Alagappa University, Karaikudi held on November 07-08, 2016.

13. Two Day National Workshop On Text Analytics(NWTA-2016)held during 9-10 December, 2016 at the Department of Computer Science, Pondicherry University, Karaikal Campus, Karaikal.

Membership in

Advisory Board

1. **Advisory Committee Member in** ALUTES 2016 organized by the Cultural Club, Alagappa University during October 3 – 5, 2016.

Academic Bodies (such as Board of Studies etc.,)

1. Chairman, Board of Studies, Department of Information Technology, J. J. College of Art and Science, Pudukkottai. Courses: M.Sc(IT) and B.Sc(IT) From 1.07.2015 to 29.12.2015.
2. Departmental Member in Board of Studies for framing Syllabi for MCA and M.Phil. programmes.

Others

1. Passed NCC 'B' Certificate.
2. Passed Praveshika Hindi Exam in Dakshina Bharat Hindi Prachar Sabha, Delhi.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 2

1. Delivered a lecture on the topic Computer Application in the field of Chemistry in "National Science Day Seminar during 25th February 2015 held at V.S.S Govt.Arts College,Pulankurichi, Sivagangai.
- 2.Resource person in State Level Seminar on Evolutionary Trends in IT by the department of Computer Applications and Information Technology on 9 .9.2016 at Sri Bharathi Arts and Science for women, Kaikkurichi, Pudukkottai.

Recent Publications

1. Vanitha M., Malathi R., Lavanya T., Muthuraman M. (2009), "Data Mining for Network Intrusion Detection System in Real Time", Journal of Scientific Transactions in Environment and Technovation, Vol. 3(2), pp.74-78. ISSN:0973-9157.
2. Vanitha M. and Balasubramanian R. (2010), "Textural Analysis for the accuracy in diagnosis of medical scan / CT images", CIIT International Journal of Digital Image Processing, Vol. 2(5), pp. 157-160. ISSN. No.: 0974-9691.
3. Malathi R., Vanitha M., Muthuraman M. (2011), "Clustering of categorical data using geometric data transformation - privacy preserving", International Journal of Computing Technology, Vol.2 (2), pp.207- 212. ISSN : 0976-5956.
4. Vanitha M., Muthuraman M., Jayaprakash K. and Balasubramanian R. (2011), "Development of Medical Image Database and Retrieval Technique with Minimum Distance Approach", International Journal of Computing Technology, Vol. 1 (4), pp.143-147. ISSN : 0976-5956.
5. Vanitha M. and Muthuraman M (February 2013), "Content -Based Image Retrieval Technique - An Overview", CIIT International Journal of Digital Image Processing, Vol. 5(2), , pp. 51-57. ISSN: 0974-9691.
6. Mayil S. and Vanitha M (September 2014), "A Survey on privacy Preserving Data Mining Techniques", International Journal of Computer Science and Information Technologies. Vol.5(5), pp. 6054-6056. ISSN: 0975-9646.
7. Aravinthan K. and Vanitha M (April 2015), "Literature Survey on Clustering Algorithms", International Journal of Advance Research in Computer Science and Management Studies. Vol.3(5), pp. 447 - 453. ISSN: 2321-7782, (Impact Factor: 5.47).
8. Selvan K and Vanitha M (July 2015), "An Overview of methods to detect phishing web pages", International Journal of Advance Research in Computer Science and Management Studies.Vol.3(7), pp. 185 - 188. ISSN: 2321-7782, (Impact Factor: 5.47).
9. Selvan K and Vanitha M (Sep. 2015), "An Enhanced countermeasure technique for deceptive phishing attack", International Journal of Science and Research . Vol.4(9), pp. 802 - 806. ISSN: 2319- 7064.
10. Selvan K and Vanitha M (January 2016), "A Machine learning approach for detection of phished websites using neural networks", International Journal of Recent Technology and Engineering Vol.4(6), pp. 19 - 23. ISSN: 2277-3878.
11. Ramina P and Vanitha M (January 2016), "Survey on seizure reports from clandestine labs", International Journal of Science and Research . Vol.5(1), pp. 543 - 545. ISSN: 2319-7064.
12. Aravinthan K. and Vanitha M (Feb 2016), "A Comparative Study on Prediction of Heart Disease using Cluster and Rank based Approach", International Journal of Advanced Research in Computer and Communication Engineering. Vol.4, pp.421- 424 ISSN: 2278-1021, (Impact Factor: 5.332).
13. Aravinthan K. and Vanitha M (April 2016), "A Novel Method For Prediction Of Heart Disease Using Naïve Bayes", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.56-60 ISSN: 2394-3785, (Impact Factor: 4.753).
14. Selvan K. and Vanitha M (April 2016), "A Comparative Study on Techniques BVM with SVM For Detecting Phishing Pages", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.231-235 ISSN: 2394-3785, (Impact Factor: 4.753).

15. KAM Sajad Hyder. and Vanitha M (April 2016), "A Survey On various Image Retrieval Techniques", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.623-626 ISSN: 2394-3785, (Impact Factor: 4.753).
16. Mayil S. and Vanitha M (April 2016), "Data Privacy Preservation Using Various Perturbation Techniques", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.167-169 ISSN: 2394-3785, (Impact Factor: 4.753).
17. Manimaran R. and Vanitha M (April 2016), "An Efficient Study on Usage of Data Mining Techniques For Predicting Diabetes", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.268-272 ISSN: 2394-3785, (Impact Factor: 4.753).
18. Vanitha M (April 2016), "Functional Efficiency of Hybrid Data Clustering Algorithms for Various Medical Datasets", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.403-408 ISSN: 2394-3785, (Impact Factor: 4.753).
19. Vanitha M (April 2016), "Content Based Image Retrieval Using Neural Network – An Overview", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.495-498 ISSN: 2394-3785, (Impact Factor: 4.753).
20. Ramina P. and Vanitha M (April 2016), "Data Mining In EEG Signal Processing Technique With Epilepsy And Coma patients", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.409-413 ISSN: 2394-3785, (Impact Factor: 4.753), (Impact Factor: 4.753).
21. Gopika S. and Vanitha M (April 2016), "An Overview Of Clustering Techniques Over E – Learning Environment To Improve Performance of Educational System", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol.3(20), pp.430-435 ISSN: 2394-3785, (Impact Factor: 4.753).
22. Selvan K and Vanitha M (July 2016), "Difference Convex Programming based TSVM to Detect Phishing Pages", International Journal of Advanced Research in Computer and Communication Engineering, Vol.5(7), pp.443-446, ISSN:2278-1021, (Impact Factor: 5.332).
23. KAM Sajad Hyder and Vanitha M (August 2016), "Segmentation of Liver from images of Visceral Organs through Automatic Processing – A review", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 5 (8), pp.423-426, ISSN: 2278-1021, (Impact Factor: 5.332).
24. KAM Sajad Hyder and Vanitha M (September 2016), "Segmentation of Liver and Retrieval Procedure by Feature Extraction for CT-Scan Abdominal Image Processing", International Journal of Recent Technology and Engineering (IJRTE), Vol. 5 (4), pp.7-15, ISSN: 2277-3878, (Impact Factor: 3.36).
25. Aravinthan K. and Vanitha M (November 2016), "A Novel Cluster And Rank Based Method For Prediction of Heart Disease", International Journal of Advanced Information Science and Technology (IJAIST)) Vol.55(55), pp.40-44 ISSN: 2319-2682, (Impact Factor: 5.032).
26. Mayil S. and Vanitha M (November 2016), "Survey on Privacy Preserving in Social Networks", International Journal of Science and Research (IJSR), Vol.5(11), pp. 959-962. ISSN: 2319-7064, (Impact Factor: 6.391).
27. Kamalakumari J. and Vanitha M (November 2016), "Survey on Privacy Preserving in Social Networks", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol.5(11), pp. 959-962. ISSN: 2278-1021, (Impact Factor: 5.332).