



Dr. M.VANITHA
Assistant Professor

Contact

Address : Department of Computer Applications
Alagappa University
Karaikudi – 630 003
Tamil Nadu, INDIA

Employee Number : 13414

Date of Birth : 25-07-1975

Contact Phone (Office) : (+91) 4565 227831, (+91) 4565 226502

Contact e-mail(s) : vanitham@alagappauniversity.ac.in
mvanitharavi@gmail.com

Skype id :-

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

Teaching Experience: 8.5 Years

Research Experience: 10.5 Years

Additional Responsibilities

1. **Deputy Co-ordinator** in “Women Empowerment Cell” at Alagappa University, Karaikudi.
2. **Treasurer** of Alumni Association(ALUCAAA) in the Department of Computer Applications from 16.12.2016 onwards.

3. **NIRF-Incharge** in the Department of Computer Applications, Alagappa University, Karaikudi.
4. Class –Incharge for MCA Students
5. Question paper setter in various Universities like Periyar, Bharathidasan University for MCA and M.Sc Programmes.
6. 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.	5	7
	M.Phil.	25	2
Project	PG	69	8
	UG / Others	32	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
52	21	-	2	-

Cumulative Impact Factor (as per JCR) :	1.75
h-index	2
i10 index	0
Total Citations	12

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					
2					

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	AURF	05-04-2017	05-04-2018	Security of Multi Factor Authentication in Internet Banking Sector to Improve Authentication	0.35
2					

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1			-		
2					

Others

1. Participated in "UGC- Sponsored 100th Orientation Programme " at Bharathidasan University, Tiruchirappalli from 15/11/2017 to 12/12/2017.
2. Attended a Short term course on professional enrichment (STC-2017) by the department of Alagappa University college of Education on 7th-13th August 2017 at Alagappa University, Karaikudi.
3. Participated in "Faculty Monitoring Office" on Entrepreneurship Development And Innovation Institute by the PMO-IEDP (Programme Monitoring Office-Innovation and Entrepreneurship Development Programme) on 13th -15th September 2017 at Alagappa University, Karaikudi.
4. Attended a One-Week short Term Training Programme on Research Publication and Anti-Plagiarism, by the department of English and Foreign Language and Centre for

Technical and Academic Writing on 9th -15th October 2017 at Alagappa University, Karaikudi.

5. **Reviewer/session chair** 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.
6. **Reviewer/session chair** in IT Skills Shows and International Conference on “Advancements in computing Resources (SSICAR-2017)” in the department of Alagappa Institute of Skill Development and Computer centre, Alagappa University, Karaikudi, Tamil Nadu on 15th-16th February 2017.
7. **Co Chair** in National Conference on “Emerging trends in Computing (NCETC 2017)” in the department of computer Science, Alagappa university, Karaikudi, Tamil Nadu on 13th -14th march 2017.
8. **Reviewer/session chair** in International Conference on Information, Communication & Digital Security(ICICDS-2018) Organized by the Department of Computer Application, Alagappa University, Karaikudi during 21 and 22 March,2018.
9. **session chair** in National Conference on Cyber Security(ICICDS-2018) Organized by the Department of Computer Science, Alagappa University, Karaikudi on 25th January,2018.
10. **Session Observer** in Placement Preparatory Workshop for the final year Post Graduate students in the Department of Computer Applications from 5/03/2018 to 09/03/2018.
11. Passed NCC ‘B’ Certificate.
12. Passed Praveshika Hindi Exam in Dakshina Bharat Hindi Prachar Sabha, Delhi.
13. **Proceeded Twenty Three proceedings in various National/International Conferences.**

Note: Budget must be rounded to two decimal places

Patents

1. xxx
2. xxx

Distinctive Achievements / Awards

1. xxx
2. xxx

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 6

1. **Organizing Secretary** in International Conference on Information, Communication & Digital Security(ICICDS-2018) Organized by the Department of Computer Application, Alagappa University, Karaikudi during 21st and 22nd March,2018.
2. **Organizing Secretary** 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 04th November 2016 and 05th November 2016 in the Convocation Seminar Hall, Alagappa University Karaikudi.
3. **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.
4. **Organizing committee Member in** National Workshop on “Hands on Training in Computer Networks and R Programming” in the Department of Computer Applications,, Alagappa University, Karaikudi, Tamil Nadu on 31st January 2018 & 1st February 2018.
5. **Organizing committee Member in** National Seminar on “Recent Research trends and Developments in Computer Science” in the Department of Computer Applications,, Alagappa University, Karaikudi, Tamil Nadu on 8th & 9th March 2018.
6. **Event – Organizer / Judge** for the competitions conducted as part of the TechFest-2018 organized by the Alagappa Institute of Skill Development, Alagappa University, Karaikudi held on 16th October, 2018.

Events Participated (optional)

Conferences / Seminars / Workshops: 28

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 08th February 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, and Tiruchirappalli 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, and Tiruchirappalli 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, and Tamil Nadu.
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 04th -05th, 2016.
10. International Workshop on “Data Science & Analytics” Organized by the Department of Computer Science, Alagappa University, and Karaikudi during 27th -28th September 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 (NWT A-2016)” held on 9th -10th December, 2016 at the Department of Computer Science, Pondicherry University, Karaikal Campus, and Karaikal.
14. Two-Day National Conference on “NEW HORIZONS IN COMPUTER SCIENCE” organized by the Departments of Computer Science and Computer Applications and Information Technology, J.J College of arts and science (Autonomous), Pudukkottai, TamilNadu, on 27th & 28th January 2017.
15. IT Skills show and International Conference on “Advancements in Computing Resources (SSICACR – 2017)” organized by Alagappa Institute of Skill Development and Computer Centre, Alagappa University, Karaikudi during February 15th - 16th, 2017.
16. Two day Workshop on “CAREER PROSPECTS AND DEVELOPMENTS IN COMPUTER SCIENCE” organized by the University Business collaboration centre & Department of Computer Science, Alagappa University, Karaikudi, on February 27th & 28th, 2017.
17. International Conference on “Digital India-The Unfolding Opportunities and Challenges” Organized by the faculty of management and computer applications, Vivekananda Institute Of Information And Management Studies, Elayampalayam, Namakkal Dt., And Mother Teresa Women’s University, Kodaikanal, TamilNadu, India during March 02nd -03rd, 2017.
18. International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2017) Organized by Karpaga Vinayaga College of Engineering and Technology, Kanchipuram, TamilNadu, India during March 10th - 11th, 2017.

19. National Conference on Emerging Trends in Computing(NCETC-2017) organized by the Department of Computer Science, Alagappa University, Karaikudi during 13th and 14th March,2017.
20. International Conference on Advances in Computer Science, Engineering and Technology (ICACSET' 2018) Organized by the Department of Computer Science and Information Technology, kalasalingam Academy of Research and Education, Krishnankoil during 19th and 20th January 2018.
21. National conference on Cyber Security (NCCS-2018) Organized by the Department of Computer Science, Alagappa University, Karaikudi during 25th January, 2018.
22. National Workshop on Hands on Training in Computer Network and R Programming Organized by Business Collabration Center and Department of Computer Applications, Alagappa University, Karaikudi during 31st January and 1st February,2018.
23. National Seminar on "Recent Research trends and Developments in Computer Science" in the Department of Computer Applications,, Alagappa University, Karaikudi, Tamil Nadu on 8th & 9th March 2018.
24. International Conference on Recent Trends in Science, Engineering & Management(ICRTSEM-2018) Organized by Karpaga Vinayaga College of Engineering and Technology, Kanchipuram, TamilNadu, India during 23rd & 24th February 2018.
25. International Conference on Information, Communication & Digital Security(ICICDS-2018) Organized by the Department of Computer Application, Alagappa University, Karaikudi during 21 and 22 March,2018.
26. One day Workshop on "Design and Development of MOOCs for the Faculty Members of Alagappa University and Affiliated Colleges" held on 8th November 2018, Alagappa University, Karaikudi.
27. Two Days Workshop on "Indigenous Cow Management & their Value Added Products (ICMVAP-2K18)" on 19th December 2018 in the Department of Animal Health and Management, Alagappa University, Karaikudi.
28. One Day Workshop on "Technical and Scholarly Writing" on 14th February 2019 at Alagappa University, Karaikudi.

Membership in

Advisory Board

1. **Advisory Committee Member in** ALUTES 2016 organized by the Cultural Club, Alagappa University which held on October 3rd to 5th , 2016.
2. **Advisory Committee Member in** ALUTES 2017 organized by the Cultural Club, Alagappa University which held on October 12th to 14th, 2017.

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.
3. Expert in Board of Studies for framing Syllabi for B.Sc(CS),M.Sc(CS),BCA,MCA and M.Phil Programmes at H.H.The Rajah's College(A), Pudukkottai from June 2018 to June 2021.

Others

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Resource persons in various capacities

Number of Invited / Special Lectures delivered: 5

1. Delivered a lecture on the topic Computer Applications 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, Kaikurichi, Pudukkottai.
3. Delivered a lecture notes on the topic World Wide Web-career opportunities in the Department of computer science during 5th October 2017 held at Dr.Umayal Ramanathan College for Women, Karaikudi.
4. Resource Person in One Day National Seminar on "IOT & CYBER SECURITY" on 9th August 2018 at Idhaya College for Women, Kumbakonam-612001.
5. Conducted one day Workshop on MATLAB in the PG Department of Computer Science and Applications during 27th February 2019 held at Bharathidasan University Constituent College for Women, Orathanadu.

Others

1. Articles published in Newspapers / Magazines : xx
2. Products developed : xx

3. No. of PhD Thesis evaluated : **12**
4. No. of PhD Public Viva Voce Examination conducted : **10**
5. Sequences submitted in GenBank

**Social Interests and Initiatives / Articles in News papers etc can also be included

Recent Publications

1. S. Mayil and Dr. M. Vanitha(June 2018) “Social Media User Profile Image Matching Technique (SMUPIMT) to Identify Profile Pictures in Social Media for Security”, International Journal of Pure and Applied Mathematics, Volume 119 No. 15 2018, 1051-1058, ISSN: 1314-3395(**Scopus**) Impact Factor : 2.13.
2. Manimaran R and Vanitha M (June 2018) “ Rough Set Based Genetic Algorithm (RSBGA) For Assessing Hyperglycemia in Diabetic Patients” ,International Journal of Pure and Applied Mathematics, Volume 119 No. 15 2018, PP: 1035-1041, ISSN: 1314-3395(**Scopus**) Impact Factor : 2.13.
3. Selvan K and Vanitha M (June 2018) “Detection of Phishing Web Pages Based on Features Vector and Prevention using Multi Layered Authentication”, International Journal of Pure and Applied Mathematics, Volume 119 No. 15 2018, PP: 565-573, ISSN: 1314-3395(**Scopus**) Impact Factor : 2.13.
4. Kamalakumari J and Vanitha M(Jan 2018) “Recognizing Heterogeneous Faces – A Study”, International Journal of Pure and Applied Mathematics, Volume 118, No.8 2018,PP:661-664, ISSN:1314-3395(**Scopus**) Impact Factor : 2.13.
5. Vasanthanageswari S and Vanitha M(Jan 2018) “Prediction Risk Factor Of Congenital Heart Defect Using Association Rule Mining Technique”, International Journal of Pure and Applied Mathematics, Volume 118, No.8 2018,PP:399-404, ISSN:1314-3395(**Scopus**) Impact Factor : 2.13.
6. Saranya P and Vanitha M (Jan 2018) “User Authorization With Encrypted Visual Cryptography Using High Definition Images”, International Journal of Pure and Applied Mathematics, Volume 118, No.8 2018,PP:429-433, ISSN:1314-3395(**Scopus**) Impact Factor : 2.13..
7. Lalithambikai A and Vanitha M(Jan 2018) “An Efficient Technique For Cryptography With Enhanced Key Security”, International Journal of Pure and Applied Mathematics, Volume 118, No.8 2018,PP:479-484 ISSN:1314-3395(**Scopus**) Impact Factor : 2.13.
8. Arockia Asha Subitha and Vanitha M(Jan 2018) “An Overview Of Aggregative Key For Security Model On Cloud Storage ”, International Journal of Pure and Applied Mathematics, Volume 118, No.8 2018,PP:587-591 ISSN:1314-3395(**Scopus**) Impact Factor : 2.13.

9. Mayil S and **Vanitha M** (2017) "Improved Privacy Policy Prediction of User Uploaded Profile Images in Social Media Sites", International Journal of Engineering and Technology, Volume 9, Issue 5, Oct-Nov 2017, PP: 3619-3624, ISSN: 0975-4024, Impact Factor : 0.77(**Scopus**).
10. Manimaran R and **Vanitha M** (2017) "Prediction of Diabetes Disease Using Classification Data Mining Techniques", International Journal of Engineering And Technology, Volume 9, Issue 5, Oct-Nov 2017, PP: 3610-3614, ISSN: 0975-4024, Impact Factor : 0.77(**Scopus**).
11. Kamalakumari J and **Vanitha M** (2017) "Image Sequences Based Facial Expression Recognition Using Support Vector Machine", International Journal of Engineering And Technology, Volume 9, Issue 5, Oct-Nov 2017, PP: 3605-3609, ISSN: 0975-4024, Impact Factor : 0.77(**Scopus**).
12. Gopika S and **Vanitha M** (2017) "Efficiency of Data Mining Technique For Prediction Kidney Disease", International Journal of Engineering And Technology, Volume 9, Issue 5, Oct-Nov 2017, PP: 3586-3591, ISSN: 0975-4024, Impact Factor : 0.77(**Scopus**).
13. Elavarasi G and **Vanitha M** (2017) "A Novel Method For Securing Medical Image Using Visual Secret Sharing Scheme ", International Journal of Engineering And Technology, Volume 9 , Issue 5 , Oct-Nov 2017, PP: 3580-3585 , ISSN: 0975-4024, Impact Factor:0.77(**Scopus**).
14. Ragavi S and **Vanitha M**(July 2017) "Safeguards against Expansive Scale Online Secret Key Speculating Assaults", International Journal for Modern Trends in Science and Technology, Volume 3 Issue 7, July 2017,PP:270-274, ISSN: 2455-3778, Impact Factor: 3.10
15. Ragavi R and **Vanitha M** (July 2017) "Personality Based Distributed Provable Data Possession a Method Used in Multi Cloud Environment", International Journal for Modern Trends in Science and Technology, Volume 3 Issue 7, July 2017, PP: 229-233, ISSN: 2455-3778, Impact Factor: 3.10
16. Ilaiyaraja R and **Vanitha M**(July 2017) "Secured Message Transfer Through QR Code Process For Document Authentication System "International Journal of Emerging Technology in Computer Science & Electronics ,Volume 24 Issue 10 Pp 1-5 , ISSN : 0976-1353, Impact Factor: 3.10.
17. Ramina P and **Vanitha M** (2017) "Fast and Effective Real Time Seizure Prediction on Streaming EEG Signals", International Journal of Electronics Engineering Research, Volume 9, Number 2 (2017) pp. 167-179, ISSN 0975-6450, (Impact Factor :3.59).
18. Ramina P and **Vanitha M** (July 2017) "Epileptic Seizure Prediction in EEG Records using Parallel Tree Based Learning and Feature Extraction", Indian Journal of Science and Technology, Volume 10(27), pp. 1-7, ISSN: 0974-6846,Impact Factor :3.59(**Thomson Reuter**)(**Web of Science**).
19. Gopika S. And Vanitha M (July 2017) "Machine Learning Approach of Chronic Kidney Disease prediction Using Clustering Technique ",The Board Of International Journal Of Innovative Research In Science, Engineering And Technology (IJIRSET),Volume 6,Issue 7, ,pp. 14488-14496,ISSN:2319 8753.

20. Manimaran R. And **Vanitha M**(July 2017), "Novel Approach to Prediction of Diabetes using Classification Mining Algorithm", The Board Of International Journal Of Innovative Research In Science, Engineering And Technology (IJIRSET),Volume 6,Issue 7, pp. 14481-14487,ISSN:2319 8753, Impact Factor: 1.209
21. Gopika S and **Vanitha M** (February 2017)"A Survey on clustering Techniques of Webinars to Support E-Learning Using Data Mining", International Journal of Computer Science (IJCS), vol.5 (25), pp.1800-1815.ISSN:2348-6600.
22. Manimaran R. and **Vanitha M** (February 2017)"Study on Data Mining Techniques for Diabetes Mellitus", International Journal of Computer Science (IJCS), vol.5 (22), PP.1678-1683.ISSN:2348-6600.
23. Kamalakumari J and **Vanitha M** , "survey on Review on Automatic Heterogeneous Face Recognition" , International journal of Advance Research in Computer Science and Management Studies (IJRCSMS), Volume 5,Issue 1, January 2017, pp.68-75,Impact Factor 1.047.
24. Gopika S and **Vanitha M** , "Survey on Prediction of Kidney Disease by Using Data Mining Techniques", International Journal Of Advanced Research in Computer and Communication Engineering (IJRCCE), Volume 6, Issue 1, January 2017, pp. 198-201, Impact Factor 1.947 ISSN 2278-1021.
25. Gopika S. And Vanitha M, "Clustering Webinars and Seminar Based Speech Synthesis and Speech to Text Methods To Support E-Learning", International Journal Of Advanced Computer Application (IJACA), Volume 6, Issue 1, December 2016, pp: 36-40.ISSN:2231-251X.
26. Kamalakumari J. and **Vanitha M** (November 2016), "A Survey on Automatic Heterogeneous Face Recognition", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol.5 (11), pp. 959-962. ISSN: 2278-1021, (Impact Factor: 1.332).
27. 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: 1.391).
28. 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:1.032.
29. 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: 1.36).
30. 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: 1.332.
31. 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: 1.332..

32. 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: 0.753).
33. 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:0.753).
34. **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: 0.753).
35. **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: 0.753).
36. 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: 0.753).
37. 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: 0.753).
38. 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: 0.753).
39. 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: 0.753).
40. 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: 0.753).
41. 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: 1.332).
42. 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.
43. 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.
44. 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.

45. 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: 1.47).
46. 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:1.47).
47. 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.
48. 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.
49. **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.
50. 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.
51. **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.
52. **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.