

## **CURRICULUM VITAE OF Dr. R.BHAVANI**

1. Name in Full : Dr.R.Bhavani
2. Father's Name : D.Rajaram
3. Date of Birth : 31-05-1968
4. Citizenship Status : Citizen of India by birth
5. Present Official Address : Associate Professor  
Department of Computer Science  
and Engineering  
Faculty of Engineering and  
Technology  
Annamalai University  
Annamalainagar- 608 002
6. Community : MBC (Sozhia Chetty)
7. Gender : Female
- E-mail id : [Shahana\\_1992@yahoo.co.in](mailto:Shahana_1992@yahoo.co.in)
- Phone Nos. Landline : Residence: ---  
Office: (04144) 238774
- Mobile : 9865791290
8. Address for Communication: Associate Professor  
Department of Computer Science  
and Engineering  
Faculty of Engineering and  
Technology  
Annamalai University  
Annamalainagar- 608 002

### **9. Details of University Education starting from Bachelor's Degree**

<b>Degree</b>	<b>Discipline</b>	<b>University</b>	<b>Class Obtained</b>	<b>Year of Passing</b>
B.E	Computer Sci.& Engg.	Bharathidasan	First	1989
M.E	Computer Sci.& Engg.	Bharathidasan	Second	1992
Ph.D	Computer Sci.& Engg.	Annamalai University	---	2007

10. **Professional Experience in Chronological order up to the Present Post**

<b>Organization</b>	<b>From</b>	<b>To</b>	<b>Designation</b>
Mookambigai College of Engg.,	5-3-1990	8-3-1994	Lecturer
Annamalai University	09-03-1994	08-03-1999	Lecturer
Annamalai University	09-03-1999	08-03-2004	Lecturer (Senior Scale)
Annamalai University	09-03-2004	08-03-2007	Lecturer (Selection Grade)
Annamalai University	09-03-2007	30-6-2012	Associate Professor
Annamalai University	(Promoted as Reader on 1-7-2007) 1-7-2012	till date	Professor

11. **Teaching Experience (Nov 2014) :**

Under-graduate Courses : 24 Years  
Post-Graduate Courses : 20 Years

12. **Industrial Experience (Till March 31<sup>st</sup>, 2011) :**  
NIL

13. **RESEARCH GUIDANCE**  
Please See **APPENDIX - I**

14. **LIST OF RESEARCH PUBLICATIONS**  
Please See **APPENDIX - II**

15. **SPONSORED PROJECTS COMPLETED**

(A) Title of the Project : Expert systems for low back pain  
Duration of the Project : Six Months  
Sponsoring Agency : Tamilnadu state council for Science and Technology  
Value of the Project : Rs. 5000

16. **SDP/SEMINARS/WORKSHOPS ORGANIZED**  
Nil

17. **PROFESSIONAL AFFILIATION (Membership in Academic/Technical Bodies)**

ISTE - LM 17655  
CSI - 00113190 (Life Member)

18. **SHORT-TERM TRAINING PROGRAMMES/SUMMER/WINTER SCHOOLS ATTENDED**

- |     |                         |   |
|-----|-------------------------|---|
| (A) | Title of the Programme  | DBMS  |
|     | Period of the Programme | 03/05/99 to 14/05/99                            |
|     | Organized by            | Vellore Engineering College                     |
| (B) | Title of the Programme  | Neural networks and fuzzy logic applications    |
|     | Period of the Programme | 07/06/99 to 19/06/99                            |
|     | Organized by            | Shanmuga College of Engg,<br>Thirumalaisamudram |
| (C) | Title of the Programme  | Induction Training Programme                    |
|     | Period of the Programme | 18/05/99 to 07/06/99                            |
|     | Organized by            | Academic Staff<br>College,Pondicherry           |
| (D) | Title of the Programme  | Refresher course                                |
|     | Period of the Programme | 31-10-2003 to 20-11-2003                        |
|     | Organized by            | Dept of Maths Engg, Annamalai<br>University     |

19. **CONFERENCES/SEMINARS/SYMPOSIA/ WORKSHOPS ATTENDED**

- |     |                         |  |
|-----|-------------------------|--|
| (A) | Title of the Programme  | National workshop on Neuro fuzzy applications                                      |
|     | Period of the Programme | February 02-03, 2000   |
|     | Organized by            | Department of CSE, Annamalai<br>University   |
| (B) | Title of the Programme  | National Seminar on Medical Informatics  |
|     | Period of the Programme | June 21-22, 2002   |
|     | Organized by            | SSN College of Engg,<br>Kalavakkam.  |
| (C) | Title of the Programme  | International Conference on Women in the digital era: Opportunities and Challenges |
|     | Period of the Programme | Dec 10-12, 2003  |
|     | Organized by            | Annamalai Univrsity  |

- |     |   |   |
|-----|---|---|
| (D) | Title of the Programme<br>Period of the Programme<br>Organized by     | Workshop on Patent awareness<br>April 14, 2004.<br>FEAT, Annamalai University   |
| (E) | Title of the Programme<br><br>Period of the Programme<br>Organized by | One day workshop on Design<br>and analysis of Engineering<br>research experimentation<br>July 30,2005<br>FEAT, Annamalai University                 |
| (F) | Title of the Programme<br><br>Period of the Programme<br>Organized by | National conference on Recent<br>advances in mechanical<br>engineering.<br>April 1-2, 2011.<br>Noorul islam centre for higher<br>education (NICHE)  |
| (G) | Title of the Programme<br><br>Period of the Programme<br>Organized by | International conference on<br>Advances in Engineering and<br>technology.<br>May 27-28, 2011.<br>E.G.S.Pillay engineering college,<br>Nagapattinam. |

20.

**ANY OTHER RELEVANT INFORMATION ON ACADEMIC CAREER:**

- |     |                        |   |
|-----|------------------------|---|
| (A) | Title of Ph.D. Thesis: | A Knitted Approach For Face<br>Recognition, Facial Expression<br>Recognition And Expression<br>Mapping Based On Orthogonal<br>Polynomials |
|     | Under the Guidance of  | Dr.R.Krishnamoorthy<br>Professor<br>Dept. of Computer Science &<br>Engg.<br>Annamalai University,<br>Annamalai nagar-608 002.             |
| [B] | Title of M.E Thesis:   | Index file based record<br>management system- Utility to<br>C   |
|     | Under the Guidance of  | Mary Saira Banu,<br>Lecturer, Computer Science and<br>Engineering,<br>Regional Engineering College,<br>Thiruchirapalli                    |

21.

**SUBJECTS TAUGHT (in the last five years)**

**Under-graduate Programme**

Computer Graphics and  
Multimedia

**Post-graduate Programme**

Computer graphics and  
Multimedia

Computer Graphics  
Image Processing

Virtual reality  
Digital Image Processing

22. **AREAS OF INTEREST**

Computer Graphics  
Image Processing

23. **LIST OF REFEREES**

**Name with full Official address Telephone/Mobile/Fax No.**

- (A) Dr. V.Ramalingam  
Professor, Department of CSE,  
Annamalai University. 04144-238774
- (B) Dr.Rm.Chandra Sekhar  
Professor, Department of CSE,  
Annamalai University. 04144-238774

**CERTIFICATE**

This is to certify that the information furnished above is true to the best of my knowledge.

Date: ( ) Place:

**APPENDIX - I  
RESEARCH GUIDANCE**

**POST-GRADUATE THESES (M.E) GUIDED**

S.No.	Name of Student	Title of Thesis	Year of Award
1	LAKSHMI Mohan	Identification and verification of a face using Eigen face method	2005
2	P.Gajalakshmi	Facial expression recognition through model based face tracking	2005
3	Anshar aLi.N	Robust on and classification of blurred image imagery	2005
4	P.sathiya seelan	Retrivel performance improvement for digital news video systems	2005

5	K.Sundravelrani	Analysis of facial motion in human system	2005
6.	V.Suganthini	Generation of facial model from stereo and mono image sequence	2005
7	S.Saravanapriya	Frontal view human face detection and expression recognition using hidden markov model	2006
8	A.Balamurugan	Automatic recognition of facial expressions	2006
9	S.Hemalatha	Face recognition using fisher face method	2006
10	A.Rajaprabu	Face Recognition under variable lighting	2007
11	S.Pazhanirajan	Detection and extraction of text in color images using edge detection	2007
12	R.Anitha	Face detection using skin color and edge information	2008
13	K.A.Lakshmi priya	Detection of blood vessels in ophthalmic color images of human retinas	2010
14	V.Gunalan	Multimodal biometric identification system	2011
15	P.Nirmala priyadarshini	Automatic gait- recognition system for human identification	2011
16	U.Vishnu priya	. An appearance based method for human gait recognition	2011

#### **APPENDIX - I (Continued)**

#### **POST-GRADUATE THESES (M.C.A) GUIDED**

<b>S.No.</b>	<b>Name of Student</b>	<b>Title of Thesis</b>	<b>Year of Award</b>
1	K.Marudhavanan	Dynamic document merging system	2008
2	M.Abirami	Automatic image processing system	2010
3	N.Ananthi	Online Counselling	2010
4	Grandhi satesh kumar	Software project strategem planning tool	2010
5	K.Archana kumara	E-Classified	2010
	G.Aruna	Enterprise information system	2011
	T.M. Balasubramanian	Global Technology service system	2011

### POST-GRADUATE THESES (M.Phil) GUIDED

S.No.	Name of Student	Title of Thesis	Year of Award
1	M.Angel Jasmine Shirley	Face recognition and identification	2005
2	M.Rekha	Skeleton of a region using medial axis transformation	2006
3	T.Vijaya	Fame extraction and image processing on AVI clips	2008

### Ph.D. GUIDANCE (completed)

S.no	Name of Candidate	Topic of Doctoral Research
1	L.R.Sudha	Gait recognition
2	N.Hemarajini	Tumor classification
3	G.Prabhakaran	Stegnography
4	N.Kumaran	Medical CBIR
5	N.Puviarasan	CBIR

### Ph.D. GUIDANCE (ON-GOING)

S.no	Name of Candidate	Topic of Doctoral Research
1	S.Pasupaty	Software engg
2	Umamaheswari	Defect detection
3	Karthikeyan	Video Processing
4	Sanal Kumar	Egocentric activity recognition

## APPENDIX - II

### List of Publications

List of Research Papers Published in **International Journals**:

1. R. Krishnamoorthy and R. Bhavani, "Face Recognition System based on Orthogonal polynomials", International Journal of Applied Sciences 7(1): 109-114, 2007.
2. N.Hemarajini and R.Bhavani, "A Novel method for brain MRI super resolution by wavelet based POCS and adaptive edge zoom, International journal of Computer Science and Engineering Applications Vol.2, No.7, pp.2506-2510 , 2010

3. N.Kumaran and R.Bhavani, "Spine MR Image Retrieval Using Co-occurrence Matrix and Texture Spectrum", CIIT International Journal of Digital Image Processing, August 2011.
4. L.R.Sudha and R.Bhavani, "Automatic Gender Discrimination from Video Sequences of Human Gait", CiiT International Journal of Biometrics and Bioinformatics, Vol. 3, No. 4, pp. 344-351, July 2011.
5. L.R.Sudha and R.Bhavani, "Biometric Authorization System Using Gait Biometry", International journal of Computer Science and Engineering Applications, Vol.1, No.4, pp.1-13 , August 2011
6. L.R.Sudha and R.Bhavani, "Gait Based Gender Identification using Statistical Pattern Classifiers", International Journal of Computer Applications, Vol. 40, No.8, pp. 30-35, Feb 2012
7. L.R.Sudha and R.Bhavani, "Performance Comparison of SVM and kNN in Automatic Classification of Human Gait Patterns", International Journal of Computers, Vol. 6, pp. 19-28, Feb 2012.
8. L. R. Sudha, Dr. R. Bhavani, "Automatic Classification of Gait Patterns by using Hybrid Features and k-Nearest Neighbor Classifier", International Journal of Computers Information Technology and Engineering, Vol. 6, No. 2, pp. 91-98, 2012.
9. L.R. Sudha, Dr. R. Bhavani, "An Efficient Spatio\_Temporal Gait Representation for Gender Classification", Applied Artificial Intelligence, Vol. 27, No. 1, pp. 62-75, 2013.

10. S.Pasupathy, Dr. R.Bhavani, "Measuring the Quality of Software through Analytical Design by OOAD Metrics" in International Journal of Computer Applications, vol. 63, no. 13, pp.41-44, February 2013.
11. S.Pasupathy, Dr. R.Bhavani, "Study of Object Oriented Metrics" in International Journal of Advanced Information Science and Technology, vol.12, no.12, pp.198-206, April 2013.
12. S.Pasupathy, Dr. R.Bhavani , "Estimation of Object Oriented Metrics and Performance Evaluation" in CiiT International Journal of Software Engineering, vol.5, no.4, pp.131-135, April 2013.
13. S.Pasupathy, Dr. R.Bhavani, "Performance Evaluation In Object Oriented Metrics", International Journal of Engineering Research & Technology", vol. 2, Issue 5, May 2013.
14. S.Pasupathy, Dr. R.Bhavani, "Object Oriented Metrics Evaluation" in International Journal of Computer Applications, September 2013.
15. Prabakaran.G, Dr Bhavani.R and Loganathan.R, "A Modified Secure Image Steganography Based on Integer Wavelet Transform and Fusion Techniques", International Journal of Information Technology and Engineering, Vol. 3, Issue1-2, PP: 139-143, April 2012, ISSN 2229-7367.
16. Prabakaran Ganesan and Dr. Bhavani.R," A High secure and robust image Steganography using dual wavelet and blending model", Journal of Computer Science (JCS), Science Publications, Vol. 9, Issue(3), pp: 77-284, April 2013.  
(Doi: 10.3844/jssp.2013.277.284, SCI impact factor- 1.35, ISSN1549-3636).
17. Prabakaran G, Dr. Bhavani.R and Kanimozhi K, " Two Secret Image Hiding Method Using SVD and DWT techniques", International Journal of Computer Engineering & Technology (IJCET) , Vol (4), Issue (2), pp: 102-107, April 2013.  
(GISI Journal Impact Factor-6.1302, ISSN-0976-6375).
18. Prabakaran.G, Dr.Bhavani.R and Sankaran.S, "Dual Transform Color Image Steganography Method", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue1, Jan. 2014. ISSN (Online): 2319 – 8753, ISSN (Print) : 2347 – 6710.
19. Prabakaran.G, Dr.Bhavani.R and S.Sankaran, "Double-Key High Secured Image Steganography based on Dual Transform Method", IRNet Explore proceedings, Page No: 305-310, Mar. 2014, ISBN : 978-93-83060-45-0.

20. Lakshminarayanan, Prabakaran.G and Dr.Bhavani R “A High Capacity Video Steganography Based On Integer Wavelet Transform”, Journal of Computer Applications( JCA), ISSN: 0974 – 1925, Vol. 5, Issue EICA2012-4, February 10, 2012
  21. Ramesh M, Prabakaran G and Dr.Bhavani R, “QR- DWT Code Image Steganography”, International Journal of Computational Intelligence and Informatics (IJCI), Vol. 3, Issue 1, April - June 2013, ISSN: 2349 – 6363.
  22. Hema Rajini N and Bhavani R (2012), Automatic MR Brain Tumor Detection using Possibilistic C-Means and K-Means Clustering with Color Segmentation, International Journal of Computer Applications, 56 (2): pp. 11 – 17. (Impact factor: 0.821)
  23. Hema Rajini N, Bhavani R (2013), Computer aided detection of ischemic stroke using segmentation and texture features, Measurement, 46: pp.1865 – 1874. (Impact factor: 1.159)
  24. Hema Rajini N, Bhavani R (2013), Automatic classification of computed tomography brain images using ANN, k-NN and SVM, AI & SOCIETY, (Published online). (Impact factor: 0.587)
1. N. Kumaran & Dr. R. Bhavani, “Spine MR Image Retrieval Using Co-occurrence Matrix and Texture Spectrum,” CiiT International Journal of Digital Image Processing, vol. 3, no.12, pp. 766-772, August 2011, ISSN 0974 – 9691, Impact Factor 0.652
  2. N. Kumaran & Dr. R. Bhavani “Spine MRI Image Retrieval Using Texture Features” International Journal of Computer Applications, vol. 46, no.24, pp. 1-7, May 2012, ISSN 0975-8887, Impact Factor 0.814
  3. N. Kumaran & Dr. R. Bhavani “MRI Image Retrieval Using Gobar Wavelet Based Texture Features”, International Journal of Advanced Research in Science and Technology, vol. 2, No. 1, pp. 57-62, August 2013, ISSN 2319-1783.
  4. N. Kumaran & Dr. R. Bhavani “Texture and Shape Content Based MRI Image Retrieval System”, International Journal of Innovative Research in Science, Engineering and Technology, vol.3, No. 1, pp. 241-245, February 2014, ISSN 2347-6710.
  5. N. Kumaran & Dr. R. Bhavani “Texture Content Based MRI Image Retrieval using Gabor Wavelet And Progressive Retrieval Strategy”, Journal of Theoretical and Applied Information Technology, vol. 63, No.2, pp. 362-371, May 2014, ISSN 1992-8645.

25. R.Bhavani and A.Karthikeyan, " A Novel method for counterfeit banknote detection", International Journal of Computer Science and Engineering, vol 2 issue 4 e-issn 2347-2693pp 165-167 apr 2014
26. R.Bhavani and A.Karthikeyan, " A Novel method for banknote Recognition system", International Journal of Innovative Research in Science, Engineering and technology ,vol 3 special issue 1 ISSN 2319-8753 pp 269-273 feb 2014.
27. N. Puviarasan, Dr. R. Bhavani, "**Retrieval of Images Using Cascaded Features**", *Int. Journal of Engineering Research and Applications* ISSN : 2248-9622, Vol. 4, Issue 3( Version 1), pp.248-253, March 2014. (Impact factor : 1.69)
28. N.Puviarasan, Dr.R.Bhavani, A.Vasanthi, "**Image Retrieval Using Combination of Texture and Shape Features**", *International Journal of Advanced Research in Computer and Communication Engineering*, , ISSN (Online) :2278-1021 ISSN (Print): 2319-5940 Vol. 3, Issue 3, pp.5873-5877, March 2014 (Impact factor : 1.770)
29. N.Puviarasan, R.Bhavani, "**Retrieval of Images Using Weighted Features**", *International Journal of Advanced Computer Research* (ISSN (print): 2249-7277 ISSN (online): 2277-7970), Vol. 4, No.1, Issue: 14, pp. 60-65, March 2014. (Impact factor : 1.863)
30. N.Puviarasan, R.Bhavani, T.S.Arthi, "**Image Retrieval using Fusion of Color-Size and Texture Features**" *International Journal of Computer Applications(0975-8887)* Vol. 4, No.1, Issue : 14, pp. 5-12, March 2014. (Impact factor : 1.863)
31. N.Puviarasan, R.Bhavani, T.S.Arthi, "**Image Retrieval using Color-Size moments and Wavelet Features**", *Journal of Theoretical and Applied Information Technology*, Vol.64, No2, pp. 495-503, June 2014. (Annexure –II)
32. N.Puviarasan, R.Bhavani , "**Color and Texture Feature Selection using Genetic Algorithm for Content Based Image Retrieval**" Proceedings of Second international conference on Emerging Research in Computing, Information, Comuunication, Applications (Elsevier) publications pp. 252-260. 2014.

### **List of Research Papers Published in International Conferences:**

- R.Bhavani, R.Rajadevi and K. Umashankari, “Women Diasporas and Gender Democracy”, International Conference on Women in the digital Era; Opportunities and Challenges, Annamalai University, pp.1549-1560, December 10-12, 2003.
- R.Bhavani, Dr. R. Krishnamoorthy, P. Gajalakshmi, “Facial Expression Recognition”, International Conference on resource Utilization and Intelligent Systems, Kongu Engineering College, Perundurai, January 4-6 2006.
- R.Bhavani, Dr. R. Krishnamoorthy, Lakshmi mohan, “Analysis of Facial Identification using PCA”, International Conference on resource Utilization and Intelligent Systems, Kongu Engineering College, Perundurai, January 4-6 2006.
- R.Bhavani and L.R.Sudha, “SVM Based Biometric Authorization System by Video Analysis Of Human Gait”, IEEE 3<sup>rd</sup> International Conference on Electronics Computer Technology, Kanyakumari, pp. 301-304, April 8-10, 2011.
- R.Bhavani and L.R.Sudha ,“Biometric Authorization System by Video Analysis Of Human Gait in Controlled Environments”, IEEE International Conference on Recent Trends in Information Technology, ICRTIT 2011, MIT, Anna University, Chennai, pp. 139-144, June 3-5, 2011.
- N. Hema Rajini, R.Bhavani, Classification of MRI Brain Images using k-Nearest Neighbor and Artificial Neural Network, IEEE-International Conference on Recent Trends in Information Technology, ICRTIT 2011, MIT, Anna University, Chennai. June 3-5, 2011, 863-868.
- N. Hema Rajini and R.Bhavani, Enhancing K-means and Kernelized Fuzzy C-means Clustering with Cluster Center Initialization in Segmenting MRI brain images, 2011 3<sup>rd</sup>

International conference on electronics computer technology (ICECT 2011), April 8-10, 2011, 259-263.

- N.Kumaran and R.Bhavani, "Spine MR Image Retrieval Using Low Level Statistical Features in Wavelet Domain" International Conference on Advances in Engineering and Technology, E.G.S.Pillay Engineering College, Nagapattinam, 27<sup>th</sup> and 28<sup>th</sup> May 2011
- R.Loganathan, G.Prabakaran, R.Bhavani "An Adaptive Secure Image Steganography Based on Integer Wavelet Transform", Second International Conference on Recent Advances and Trends in Computer Engineering, Management and Security, Vivekanandha College of Engineering for women, Tiruchengode, vol-1, pp-11-14, March 6 -7<sup>th</sup>, 2012.
- Prabakaran, R.Bhavani, "A Modified Secure Image Steganography Based on Discrete Wavelet Transform" in the International Conference on Computing, Electronics and Electrical Technologies on March 21&22 of 2012 in Noorul Islam University, Kumaracoil, Nagercoil, March 21-22<sup>nd</sup>, 2012.
- Mr.N.Puviarasan, Dr. R. Bhavani, Ms.T.S.Arthi, "**Image Retrieval using fusion of Color-Size and Texture features**", *International conference on Simulations on Computing Nexus*, Coimbatore Institute of Engineering and Technology, 20-21 March, 2014, pp.1-5.
- Mr. N.Puviarasan, Dr. R.Bhavani, Mrs.Nilu R.Salim, "**Analysis of Various Segmentation Methods for Image Retrieval**", *International conference on Simulations on Computing Nexus*, Coimbatore Institute of Engineering and Technology, 19-20 March, 2014, pp.1-5. (best paper award)
- N. Puviarasan, Dr. R. Bhavani, Dr. P.Aruna, R. Vijay, "**Efficient Analysis of Distance Matrices in Content Based Image Retrieval**", *Second International Conference on Recent Trends in Computer Science & Engineering* (ISBN 978-81-9089-807- 2), Apollo Engineering College, Chennai, 02-03 May 2014, pp. 230-233.
- N.Puviarasan, Dr.R.Bhavani, Gopalakrishnan, "**Retrieval of Images based on Low-level Features using Similarity Measurement**", *International Conference on*

*Innovative Research in Engineering & Technology*, E.G.S Pillay Engineering College, Nagapattinam, 02-03 May 2014, pp.

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**List of Research Papers Published in National Conferences/Seminars:**

- R.Bhavani and R. Priya, "Communication in Health care", National Seminar on Medical Informatics, 21-22 June 2002, SSN College of Engg, Kalavakkam.
- R.Bhavani, Dr. R. Krishnamoorthy, N. Anshar ali, "Blurred image restoration and classification", National conference on recent trends in networking distributed computing, Pavendar Bharathidasan College of Technology, Trichy, pp.457-465 March 17-18, 2005.
- R.Bhavani, Dr. R. Krishnamoorthy, P. Sathiyaseelan, "Retrieval performance improvement for digital news video system", National conference on recent trends in networking distributed computing, Pavendar Bharathidasan College of Technology, Trichy, pp.367-374 March 17-18, 2005.
- R.Bhavani, Dr. R. Krishnamoorthy, P. Gajalakshmi, "Facial expression recognition through model based face tracking", National conference on computing & Mathematical modeling, Gandhigram rural institute, Gandhigram, pp. 80 March 25-26, 2005.
- R.Bhavani, Dr. R. Krishnamoorthy, K.Sundravelrani, V. suganthini "Analysis of Facial Motion", National conference on computing & Mathematical modeling, Gandhigram rural institute, Gandhigram, pp.6 March 25-26, 2005.
- R.Bhavani, Dr. R. Krishnamoorthy, V. suganthini, K.Sundravelrani, "Generation of Facial model from stereo image sequence", National conference on High

performance Computing, Government college of Engineering, Thirunelveli, April 8<sup>th</sup>, 2005.

- R.Bhavani, R.Anitha, “ Face detection in color images using edge and skin color information”, National Conference on Computer Science and applications, Mepko Engg College, Sivakasi, 11-12, March 2008.
- L.R.Sudha and R.Bhavani,” Background modeling Techniques for analyzing video scenes”, National conference on Computer Science and Applications, Mepko Engg College, Sivakasi, 4<sup>th</sup> April 2010.
- N.Hemarajini and R.Bhavani,” A Novel method for brain MRI super resolution by wavelet based POCS and adaptive edge zoom”, National conference on Image processing, The Gandhigram rural institute, 12-13<sup>th</sup> Feb, 2010.
- R.Bhavani, U.Vishnu priya, “An appearance based method for human gait recognition”, National Conference on “Advances in Computer technology and Applications”, Dept.of Computer Applications, Affiliated to Anna University, Erode, India, No .22,pp. 156-161, 26<sup>th</sup> March 2011
- L.R.Sudha, R.Bhavani, Sudheer Reddy Bandi, “Comparison of Foreground extraction algorithms for object detection in visual surveillance”, National Conference on “Advances in Computer technology and Applications”, Dept.of Computer Applications, Affiliated to Anna University, Erode, India, No .22,pp. 52-57, 26<sup>th</sup> March 2011
- N. Hema Rajini, R.Bhavani, Automatic classification of MR Brain Images using k-Nearest Neighbor , Proceedings of National conference on recent advances in mechanical engineering (RAME 2011) 1-2, April 2011.

- R.Loganatan, G.Prabakaran, R.Bhavani, “A Modified Secure Image Steganography Based on Integer Wavelet Transform”, National Conference on Information Technology, Pondicherry Engineering College, Puducherry, Feb -15, 2012.
- R.loganatan, G.prabakaran, R.Bhavani, “A Modified Approach Based on IWT for Image Steganography”, National conference on Recent Trends in Computing, Lord Venkateshwaraa Engineering College, Kancheepuram, Mar-02, 2012.
- K.Lakshmi narayanan, G.Prabakaran, R.Bhavani, “A High Capacity Video Steganography Based on Integer Wavelet Transform”, National Conference on Emerging issues in computer applications for computational science and technology, K.S.R College of Engineering, Tiruchengode, Feb- 10, 2012.
- K.Lakshmi Priya, G.Prabhakaran, R.Bhavani, “ a stegnographic method for JPEG digital Images”, National conference on information technology, Pondicherry Engineering College, Puducherry, Feb-15,2012.