

Faculty Name: P.TAMIJE SELVY

Educational Qualification

Degree	Branch	Institution	Year
B.E.,	B.Tech.(CSE)	Pondicherry Engg College, Pondicherry.	1996
M.E.,	M.Tech.(CSE)	Pondicherry University	1998
PhD	Ph.D	Anna University, Chennai	2013

Experience:

Period	No. of. Years	Designation/Nature of job	Institution/Organization
1996-1997	1	Lecture	Thangavelu Engg. College, Chennai
1999-2000	1	Lecture	Sri Manakula Vinayagar Engg College
2000-2016	16	Professor	Sri Krishna College of technology

PUBLICATIONS

JOURNALS:

1. Dr. P. Tamije Selvy, (2016), A New Enhanced Relevance Feedback In CBIR Using Hierarchical Unsupervised Niche Clustering Approach Australian Journal of Basic and Applied Sciences ISSN: 2395-3470. volume 9 issue 2. ISSN 1991 -8178
2. Dr. P. Tamije Selvy, (2016), Evaluation of clustering methods for mining duplicate image groups "International Journal of Multidisciplinary Research and Development" vol 2, Issue (3) .pp 801-805, e-ISSN: 2349-4182
3. Dr. P. Tamije Selvy, (2016), A Pioneering Approach For The Prognosis Of Cancer From Micro Array Data Using Bi-Bpca And Id3 Algorithm International Journal of Applied Engineering Research (IJAER pp 41643-41649, volume 10, issue 20 ISSN 0973-4562.
4. Dr. P. Tamije Selvy, (2016), Web usage mining using Improved KNN Algorithm International Journal of Engineering & Technical research. pp.2454-4698, vol 4, issue 2. ISSN:2321-0869(o), impact factor 2.19, 2016

- 5.** Dr. P. Tamije Selvy, (2016), Paddy Crop Disease Finder Using Probabilistic Approach, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321 - 0869 (O) 2454 - 4698 (P), Volume - 4, Issue - 3, March 2016
- 6.** Dr. P. Tamije Selvy, (2016), Microsoft Sharepoint(2016) 2010 with Microsoft Sharepoint Server 2010-Collaborative Approach, International Journal of Scientific Engineering and Applied Science (IJSEAS) - Volume -2, Issue -5,May 2016 ISSN: 2395-3470
- 7.** Dr. P. Tamije Selvy, (2015), Proficient Heart Disease Prediction Method using Fuzzy Cart Algorithm - International Journal of Scientific Engineering and Applied sciences Vol 2 Issue 1 pp1-6 ISSN 2395-3470
- 8.** Dr. P. Tamije Selvy, (2015), "A Proficient Extreme Learning Machine Approach For Training and Estimating Human Poses", International Journal of Engineering and Computer Science, Vol-4, Impact Factor - 3.09, March 2015
- 9.** Dr. P. Tamije Selvy, (2015), "Evaluation of Clustering method for Mining Duplicate Image Groups", International journal of Multidisciplinary Research and Development, March 2015
- 10.**Dr. P. Tamije Selvy, (2014), " An Efficient Hybrid Feature Descriptor For Content Based Image Retrieval", Journal of Theoretical and Applied Information Technology Vol. 66,No 1,August 2014.
- 11.**Dr. P. Tamije Selvy, (2014), "Ear Recognition Using Kernel Based Algorithm", International Journal of Science ,Engineering and Technology Research Vol 3,Issue 4, April 2014
- 12.**Dr. P. Tamije Selvy, S Bhuvana(2014), "Visual Interest point detection based rank order log filter for CBIR", International Journal of Science, Engineering and Technology Research, Vol 3,ISSUE 4, April 2014
- 13.**Dr. P. Tamije Selvy, (2014), "Evaluation of Crop Fields from Hyperspectral Images Using Optimized Methods", International Journal of Advanced Research in Computer Engineering & Technology ,Volume 3 Issue 3, pp 980-984 March 2014 ISSN: 2278 - 1323
- 14.**Tamije Selvy P, S. Bhuvana (2013), "Quad tree Segmentation Based Bayesian Classifier for Content Based Image Retrieval", International Journal of Science, Engineering and Technology Research (IJSETR) Volume 2, Issue 10, October 2013
- 15.**P. Tamije Selvy, "Corpus Callosum Classification Using Case Based Reasoning and Genetic Classifier for the Prediction of Epilepsy from 2D Medical Images", Asian Journal of Information Technology 12(4) : 117-125(2013).
- 16.**P. Tamije Selvy, "A novel watermarking of images based on wavelet based contourlet transform energized by biometrics" , WSEAS Trans. Comput., 12:105-115(2013).

- 17.**P. Tamije Selvy, "A Novel Approach for the Prediction of Epilepsy from 2D Medical Images Using Case Based Reasoning Classification Model" , WSEAS Trans. Comput., 6:243-254(2013).
- 18.**P. Tamije Selvy, V. Palanisamy, M. Sri Radhai, "A Proficient Clustering Technique to Detect CSF Level in MRI Brain Images Using PSO Algorithm", WSEAS Trans. Comput.,7 :298-308(2013).
- 19.**P. Tamije Selvy, V. Palanisamy, M. Sri Radhai, "An Improved MRI Brain Image Segmentation to Detect Cerebrospinal Fluid Level Using Anisotropic Diffused Fuzzy C Means" WSEAS Trans. Comput.,4:145-154(2013).
- 20.**P. Tamije Selvy, V. Palanisamy, M. Sri Radhai, "Segmentation of CSF in MRI Brain Images using optimized clustering methods" Asian Journal of Information Technology 12(4) : 109-116(2013).
- 21.**Tamije Selvy P, Palanisamy V, Elakkiya S " Evaluation Of Classification Algorithms For Disease Diagnosis" Journal of Global Research in Computer Science Volume 4, 2013
- 22.**Tamije Selvy P(2013), "Quad tree Segmentation Based Bayesian Classifier for Content Based Image Retrieval", International Journal of Science, Engineering and Technology Research (IJSETR) Volume 2, Issue 10, October 2013
- 23.**P. Tamije Selvy, - (2013), "A Novel Biometrics triggered water marking of images based on wavelet based counter transform", International Journal of Computer Applications and Information Technology, Vol 2, issue 1, Jan 2013.
- 24.**P.Tamije Selvy -(2012), A Proficient clustering approach for detection of white matter lesions in MR images using particle swarm optimization, European Journal of Scientific Research, Vol 88, Issues 1, Oct 2012. ISSN 1450-216X
- 25.**P Tamije Selvy-(2012), An Improved GA-MILSVM classification approach for diagnosis of breast lesions from stain images, International Journal of Advances in Engg.& Tech., Sep. 2012, ISSN:2231-1963
- 26.**P. Tamije Selvy - (2012),"An Optimized feature selection for introduction detection using Layered conditional random fields with MEFS, Vol 2, issue 3,pp 71-89, July 2012.
- 27.**P. Tamije Selvy - (2012),"Multiple Causal Window based Reversible data embedding", an International Journal of Information Sciences and Technics, Vol 2, issue 3, May 2012,ISSN:2249-1139
- 28.**P Tamije Selvy-(2012), Automated Detection of White Matter Lesions in MRI Brain Images using Spatio-fuzzy and Spatio-possibilistic Clustering Models, Computer Science and Engineering: an International Journal (CSEIJ) ISSN NO: 2231-3583 (APRIL ISSUE) (Page No:1-10)
- 29.**P Tamije Selvy-(2012), An Optimized Clustering Approach for Detection of White Matter Lesions in MRI Brain Images, Broad Research in Artificial Intelligence and

Neuroscience Volume 3, Issue 1, February 2012, ISSN 2067-3957 (online), ISSN 2068 - 0473 (print)(Page No:19-31)

- 30.**P Tamiye Selvy-(2012), WML Detection of Brain Images using Fuzzy and Possibilistic Approach in Feature Space, WSEAS Transactions on Computers ISSN: 2224-2872 (JUNE 2012) (Page No:180-189)
- 31.**P Tamiye Selvy-(2012), Feature Extraction of Intraductal Breast Images Using GMM, International Journal on Computational Science & Applications(IJCSA) ISSN: 2200-0011
- 32.**P Tamiye Selvy-(2012), Performance Analysis of Fingerprinting Extraction Algorithm in Video Copy Detection System International Journal of Computer Science Engineering and Information Technology, ISSN : 2231 - 3117 [Online] ; 2231 - 3605 [Print]
- 33.**P Tamiye Selvy-(2012), "A new active learning technique using furthest nearest neighbour criterion for K-NN and SVM classifiers" International Journal of Computer sciences and Applications.DOI:10.5121/ijcsa.2012.2106
- 34.**P Tamiye Selvy-(2012), Inverted File Based Search Technique for Video Copy Retrieval', International Journal on Computational Science & Applications(IJCSA), ISSN: 2200-0011
- 35.**P Tamiye Selvy-(2011)-"Performance Analysis of Clustering Algorithms in Brain Tumor Detection of MR Images"- European Journal of Scientific Research ISSN 1450-216X Vol.62 No.3 (2011), pp. 321-330.
- 36.**P Tamiye Selvy, M.Vanitha et. al. -(2010)-" CP-Miner : A hybrid Approach for Colorectal Polyp Detection"- (IJCSE) International Journal on Computer Science and Engineering Vol. 02, No. 03, 2010, 795-798.

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- 1.** P Tamiye Selvy-(2013), "A Robust Brain Image Segmentation using Fuzzy C Means with Anisotropic Diffusion Regularization", International Conference in Role of Women in science and Technology, Mar 2013.
- 2.** P Tamiye Selvy-(2013), "A Novel Watermarking of Images based on WBCT inspired by Biometrics", International Conference in Role of Women in science and Technology, Mar 2013.
- 3.** P Tamiye Selvy-(2010)- "SND Classifier - A hybrid approach for medical data classification"- CCITA 2010 V.L.B Janakiammal College of Engineering and Technology 21 -23 Jan 2010.
- 4.** P Tamiye Selvy-(2010)- "Colon Image Segmentation using K-means Fuzzy Logic and modified SoM"- ISCO 2010 /KEC 4th and 5th Feb2010.

5. P Tamije Selvy-(2008)-“ A Parsimonious Self-Organizing Neuro Fuzzy System for Image Classification with Feature Ranking and Wavelet Transformations”- ICETET '08. ISBN: 978-0-7695-3267-7 Digital Object Identifier: 10.1109/ICETET.2008.84 INSPEC Accession Number: 10141124 Date Published in Issue: 2008-07-29 13:07:26.0
6. P Tamije Selvy-(2008)-“ Hybrid clustering of documents based on Bayesian learning classifier systems”- International Conference on Advances in computing -ICAC '08/Anuradha Engineering College, Chikli, Maharashtra/Feb 21-22 2008
7. P Tamije Selvy-(2007)-“ A Data mining Tool for Asthma Patient Diagnosis System “,International Conference on Trendz in Information Sciences and Computing, TISC 2007,/Sathyabama University, Chennai.Dec 12-14 2007
8. P Tamije Selvy-(2008)-“ Hybrid clustering of documents based on Bayesian learning classifier systems”- International Conference on Advances in computing -ICAC '08/Anuradha Engineering College, Chikli, Maharashtra/Feb 21-22 2008

National Conferences

1. Dr.P Tamije Selvy-(2014), “Human Ear recognition in 2D Image using kernel based algorithm”, National conference on Innovations in Information and Communication Technology, PSG College of Technology, April 2014.
2. Dr.P Tamije Selvy, S. Bhuvana (2014), “Invariant Image Retrieval System by SURF and Bayesian Classifier”, National Conference on Information Assurance and Management, Pondicherry Engineering College, March 2014.
3. P Tamije Selvy-(2013), “An Optimized Clustering Approach for segmenting CSF in MRI Brain Images”, National Conference in Electrical and Instrumentation, Mar 2013.
4. P Tamije Selvy-(2013), “A Novel Approach for Epilepsy prediction from 2D Medical Images”, National Conference in Electrical and Instrumentation, Mar 2013.
5. P Tamije Selvy-(2012)- “GMM Based Feature Extraction of Intraductal Breast Lesion Images”, National Conference on Computing, Communication and Information Systems (NCCCIS-2012), at Sri Krishna College of Engineering and Technology, Coimbatore.
6. P Tamije Selvy-(2012)- A hybrid system for effective content based image indexing and retrieval/ National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012.
7. P Tamije Selvy-(2012)- “Video Copy Detection System Using Spatio-Temporal Fingerprinting”- National Conference on Computing, Communication and Information Systems(NCCCIS-2012), SKCET, CBE. 10th and 11th February 2012

- 8.** P Tamije Selvy-(2012)- "Detection of Video Copy Using Fingerprint Extraction" - National Conference On Innovations In Information Technology 2012(NCIIT 2012), Bit, Sathy. 24th and 25th February 2012.
- 9.** P Tamije Selvy-(2012)- "Recognition of Tantamount Video Using Fingerprint Algorithm" - National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012.
- 10.** P Tamije Selvy-(2012)- "An Optimized Clustering Approach for Detection of White Matter Changes in Brain Images"- National Conference on Computing, Communication and Information Systems (NCCCIS-2012), SKCET, CBE. 10th & 11th February 2012.
- 11.** P Tamije Selvy-(2012)- "Detection of WML in Brain Images Using Geostatistical Fuzzy Clustering"- National Conference On Innovations In Information Technology 2012(NCIIT 2012), Bit, Sathy. 24th and 25th February 2012.
- 12.** P Tamije Selvy-(2012)- "A Geostatistical Model for WML Detection in Brain Images" - National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012. "GMM Based Feature Extraction of Intraductal Breast Lesion Images"- National Conference on Computing, Communication and Information Systems(NCCCIS-2012), SKCET,CBE,10th&11th Feb 2012
- 13.** P Tamije Selvy-(2012)- "Feature Extraction of Intraductal Breast Lesion Images Using GMM" - National Conference On Innovations In Information Technology 2012(NCIIT 2012), Bit, Sathy. 24th and 25th February 2012.
- 14.** P Tamije Selvy-(2012)- "Detection of Breast Lesion Images Using Feature Extraction"- National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012.
- 15.** P Tamije Selvy-(2012)- "Active Learning in k-Nearest Neighbour and Support Vector Machine Classifiers", CSIR sponsored "National Conference on Computing, Communication and Information Systems" in Sri Krishna College of Engineering and Technology, 11.2.2012.
- 16.** P Tamije Selvy-(2012)- "Furthest Nearest Neighbour Criterion Based Active Learning in k-NN and SVM Classifiers", "National Conference on Innovations in Information Technology" in Bannari Amman Institute of Technology, 24.2.2012.
- 17.** P Tamije Selvy-(2012)- "An Efficient approach for Interactive Content Based Image Retrieval "- National Conference on Computing, Communication and Information Systems(NCCCIS-2012), SKCET,CBE.10th and 11th Feb 2012

- 18.P** Tamije Selvy-(2011)-“A Proficient Approach to Detect Epilepsy from MR Image of Human Brain”- National Conference on Crypt analysis Techniques in Computer hacking (Catch 2011) (Pg 206-208), Einstein CE, TIRUNELVELI. Feb 18-19, 2011.
- 19.P** Tamije Selvy-(2011)-“ Efficient Forest Fire detection in Videos : Spatial data mining approach using Bayes Classifier”- National Conference on Innovations in Information Technology(NCIIT 2011)(cd) BIT,SATHYAMANGALAM Feb 24-25, 2011.
- 20.P** Tamije Selvy-(2011)-“A proficient approach to detect musician and non-musician using Corpus Callosum of Human brain”- National conference on Computing Communication & Networking Technologies (NCCCNT 2011)(Pg 149-152) VEC,CHENNAI Mar 4,2011.
- 21.P** Tamije Selvy-(2011)-“A competent proposal to identify musician and non-musician using corpus callosum of human brain”- National conference on emerging computing and communication technologies (NECCT 2011), Kongu engineering college, Perundurai. March 10-11,2011
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- 23.P** Tamije Selvy-(2010)-“ CAD-CTC System Integration to detect Colorectal Images”- NCIECT2010 KLN College of Engineering & Technology 4th and 5th Feb2010.
- 24.P** Tamije Selvy-(2009)-“Privacy preserving collaborative data mining”- national conference on advanced computing and information systems/Kongu engineering college/1st feb,2009.
- 25.P** Tamije Selvy-(2009)-“ Segmentation of moving vehicle based on expectation maximization algorithm for intelligent transportation systems” National conference on education and research/ Rajagiri school of engineering and technology/11th-14th of mar,2009.
- 26.P** Tamije Selvy-(2009)-“ Neural networks for image processing”- National workshop/ Anna university coimbatore/ 30th and 31st jan 2009.
- 27.P** Tamije Selvy-(2008)-“ Convergence of Clustering Algorithms-A Novel Approach for Clustering Web Documents”- National Conference on Emerging Technologies MKCE-Confluence'08/M.Kumarasamy College of Engineering, Karur/Feb 2 2008.
- 28.P** Tamije Selvy-(2008)-“ Realtime Implementation of Tree Miner and Perturbation Concepts in Data Mining”- National Conference on Communication,Computation,Control and Automation (CCCA'08)/ Sri RamaKrishna Institute of Technology,Coimbatore/Apr 25-26,2008
- 29.P** Tamije Selvy-(2008)-“ Tree Miner – a Novel Approach for Asthma Diagnosis Using Perturbation Concepts”- First National Conference on Current Trends Towards

Converging Technologies CTCT '08/ Coimbatore Institute Of Engineering & Information Technology/ Mar 07-08 2008.

- 30.**P Tamije Selvy-(2008)-“A Novel Approach for Retrieving Data from XML Databases”- National Conference on Emerging Technologies MKCE- Confluence'08/ M.Kumarasamy College of Engineering, Karur/Feb 2 2008.
- 31.**P Tamije Selvy-(2008)-“ Optimizing QBIC using a Pseudo labeled Fuzzy Support Vector Machine”- National Conference on Emerging Technologies MKCE- Confluence'08./M.Kumarasamy College of Engineering, Karur/Feb 2 2008.
- 32.**P Tamije Selvy-(2008)-“Learning from relevance feedback using pseudo-labeled fuzzy support Vector Machine”- First National Conference on Current Trends Towards Converging Technologies CTCT '08/ Coimbatore Institute Of Engineering & Information Technology/Mar 07-08 2008.
- 33.**P Tamije Selvy-(2008)-“An Artificial neural network based approach for upgrading performance of hybrid clustering of web documents “-First National Conference on Current Trends Towards Converging Technologies CTCT '08/Coimbatore Institute Of Engineering & Information Technology/ Mar 07-08 2008
- 34.**P Tamije Selvy-(2008)-“An Improved CBIR System Using Fuzzy Support Vector Machine With Relevance Feedback”- National Conference on Internet and Multimedia Communication IMC - 2008/ Noorul Islam College Of Engineering, Kumaracoil, Thuckalay/Mar 27-28 2008
- 35.**P Tamije Selvy-(2007)-“ Tree Miner- A Diagnostic tool for Asthma Patients”- National Conference on Innovations in Information &Communication Technology/PSG College of Tech, Coimbatore/Sep.21-22, 2007
- 36.**P Tamije Selvy-(2007)-“ Optimized Fuzzy SVM for CBIR”- National Conference on Next Generation Computing & Information Systems'/Model Institute of Engineering & Technology, Jammu/12th-13th May 2007