# MALLAREDDY ENGINEERING COLLEGE FOR WOMEN



Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution Accredited by NBA & NAAC with 'A' Grade

# **FACULTY ACHIEVEMENTS for the Academic year 2017-2018**

### Dr. C.V.P.R.PRASAD:

- [1] C.V.P.R.Prasad, "The Most Reliable Architecture for E-commerce Security", International Journal of Technology and Engineering Science (IJTES) vol.1, Issue 9, December 2013.
- [2] C.V.P.R.Prasad, "Security Issues in Electronic Commerce", International Journal of Research Sciences and Advanced Engineering (IJRSAE) vol.2, Issue 5, March 2014.
- [3] "A Survey on Decision Tree Learning Algorithms for Knowledge Discovery", International Journal of Engineering Research and Application (IJERA) Vol.5, No. 2, Feb 2015.
- [4] "An Efficient Approach For Knowledge Discovery In decision Tree using Attribute Transform and Outlier Detection", International Journal of Applied Engineering Research (IJAER) Vol.10, No.4, March, 2015.
- [5] C.V.P.R Prasad & Dr. Bhanu Prakash Battula (2015), "An Improved Tree Using Discrete Haar Wavelet Transform", International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR) Vol.02, No.4, April, 2015.
- [6] C.V.P.R Prasad & Dr. Bhanu Prakash Battula (2015), "An Improved Decision Tree Model Using Inter Quartile Range Transform", International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR) Vol.02, No.4, April, 2015.
- [7] C.V.P.R Prasad (2016), "Effective Software cost Estimation using Automatic Test Generations", International Journal of Private Cloud Computing Environment and Management Vol. 2, No. 1 (2016), pp. 1-8 ISSN: 2205-8478 IJPCCEM.
- [8]C.V.P.R Prasad (2016), "Effective Finding shortest path for Community structures with Deep Learning", International Journal of Pure and Applied Mathematics" ISSN: 1311-8080.

- [9]A Study On Human Centric Agile Methodologies In Software Development" in 8th International journal On "Latest Trends In New Era Of Engineering, Science, Arts, Management, Agriculture, Law, Pharmacy, And Medical Sciences" 25th and 26th FEBRUARY 2018 (LTNEESAMALPMS-JAN-2018) UGC Indexed Multi Disciplinary Journal No: 63012, 63017 & 63014.
- [10] A Study On Agile Software Development with Predictive Data Mining & Big Data Analytics" in 9th International Journal On "Latest Trends In New Era Of Engineering, Science, Arts, Management, Agriculture, Law, Pharmacy, And Medical Sciences" 25th and 26th MARCH 2018 (LTNEESAMALPMS-JAN-2018) UGC Indexed Multi Disciplinary Journal NO: 63012, 63017 & 63014.

- [1] E-Commerce Security Issues Internatinal Conference on Statistical Sciences, OR & IT in conjunction with XXVII Annual ISPS-2006 organized by Dravidian University, Kuppam from 07-01-2007 to 09-01-2007.
- [2] Mobile Adhoc Networking Internatinal Conference on Statistical Sciences, OR & IT in conjunction with XXVI Annual ISPS-2007 organized by Nagpur University, Nagpur from 10-01-2008 to 12-01-2008.
- [3] E-Commerce Security Issues National Seminar at New Horizon College of Engineering, Bangalore from 26-03-2008 to 28-03-2008.
- [4] Technology and Education National Seminar at J.K.C. College, Guntur from 02-08-2008 to 03-08-2008.
- [5] DD/PO/TO THROUGH ATM –International Conference on Operations Research For A Growing Nation In Conjunction with the 41<sup>st</sup> Annual Convention of ORSI organized by S.V. University from 15-12-2008 to 17-12-2008.
- [6] "A Novel Prototype Decision Tree Method using Sampling Strategy", Accepted for International Conference on Computational Science and its Applications (ICCSA- 2015) which will be held in Canada on June 22-25, 2015.
- [7]C V P R PRASAD (2018 Agile Software Development And Its Challenges "in 3rd International Conference On Technical Advancements In Computer Science And Engineering [ICTACSE-2018] ISBN NO: 978-83038-53-4 2nd & 3rd February 2018 In Malla Reddy Engineering College For Women.

[8]C V P R PRASAD (2018) Finding shortest path for Community structures with Deep Learning "in 3rd International Conference On Technical Advancements In Computer Science And Engineering [ICTACSE-2018] ISBN NO: 978-83038-53-4 2nd & 3rd February 2018 In Malla Reddy Engineering College For Women

## Dr. P.MANIKANDHAN:

- [1] "OAODV-Optimizing the TTL value based on priority for route discovery process of AODV protocol in MANETs", Journal of Engineering Technology, ISSN: 0747-9964, Vol.6 Issue 1, PP 170- 179, January 2018.
- [2] "Spot Detection for Morphological Convolution using DNA Microarray", International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), Vol.118 No 14, PP 1-7, January 2018.
- [3] "Enhancement of AODV Protocol Based on Energy Level in MANETs", International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), Vol.118 No 7, PP 425-430, January 2018.
- [4] "A Multi-Objective Optimization Algorithm Based on Cuckoo Search and PSO for Data clustering", International Review on Computers and Software (I.R.E.CO.S), Vol.8,N.9, ISSN 1828-6003, September 2013.
- [5] "Multi Objective Clustering Based on Cuckoo Search Algorithm (MO-CS)", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No. 32(2015).
- [6] "Multi Objective Clustering Based on Hybrid Optimization Algorithm (MO-CS-PSO) and its Application to Health Data" in International Journal of Medical Imaging and Health Informatics" vol 5, 1-12,2015.

- [7] "A Hybrid Optimization Algorithm Based on Cuckoo Search and PSO for Data Clustering", International Review on Computers and Software (IRECOS) ISSN: 1828-6003 e-ISSN: 1828-6011, Copyright © 2005-2015 Praise Worthy Prize, Vol.8 N.9, PP 2278-2287.
- [8] "Data Clustering Using Cuckoo Search Algorithm (CSA)" in Springer Online, 26<sup>th</sup> February, 2014.

- [1] International conference on "Emerging Technologies in Computer Science" ISBN No. 978-93-85100-13-0 at Malla Reddy College of Engineering, Hyderabad and presented a research paper titled "Moving Human Action Recognition and Image Classification" Vol 1 PP 51-57.
- [2] International conference on "Emerging Technologies in Computer Science" ISBN No. 978-93-85100-13-0 at Malla Reddy College of Engineering, Hyderabad and presented a research paper titled "A Survey paper on Data Security and Cloud Computing" Vol 1 PP 267-272.
- [3] International conference on "Emerging Technologies in Computer Science" ISBN No. 978-93-85100-13-0 at Malla Reddy College of Engineering, Hyderabad and presented a research paper titled "Android Security" Vol 1 PP 297-304.
- [4] International conference on "Emerging Technologies in Computer Science" ISBN No. 978-93-85100-13-0 at Malla Reddy College of Engineering, Hyderabad and presented a research paper titled "A Survey on Crime Analysis and Prediction using Data Mining Techniques" Vol 1 PP 131-138.
- [5] International conference on "Adaptive Technologies for Sustainable Growth" at Paavai Engineering College, Pachal, Namakkal, Tamilnadu and presented a research paper titled "Multi-Objective Clustering Based on Cuckoo Search Algorithm (MO-CS)" on 29.05.2014 to 30.05.2014.
- [6] International conference on "Adaptive Technologies for Sustainable Growth" at Paavai Engineering College, Pachal, Namakkal, Tamilnadu and presented a research paper titled "Clustering Algorithm Using Hybrid Cuckoo Search and Particle Swarm Optimization" on 09.05.2014 to 10.05.2014.

- [7] "Moving Human Action Recognition and Image Classification" in International conference on Pervasive Computing and Networking on 20.04.2017 to 21.04.2017 at AMC Engineering College, Bangalore.
- [8] International conference on "Soft Computing for Problem Solving (SocProS 2012)" at JK Lakshmipat University, Jaipur, Rajasthan and presented a research paper titled "Data Clustering using Cuckoo Search Algorithm (CSA)" on 28.12.2012 to 30.12.2012.
- [9] International conference on "Systemics, Cybernetics and Informatics" at Dr. MCR HRD Institute and Pentagram Research Centre, Government of Andhra Pradesh, Hyderabad and presented a research paper titled "Hybrid PSO/ACO Clustering Algorithm: A Brief Survey" on 15.02.2012 to 18.02.2012.
- [10] Published a Paper on "The International Journal on Engineering Technology and Science (IJETS)", title of the paper is "Extended Visual cryptography Scheme" Vol.2 N.5, PP 66-69, May 2015.

# **National Conference(s)**

- [1] National conference on "NICS" at Vivekanandha College of Engineering for Woman and presented a paper titled "An advanced logic BIST system for don't care masking" on 1<sup>st</sup> April 2009
- [2] National conference on "NCCTCSIT" at Paavai Engineering College and presented a paper titled "Enhanced Switching and traffic grooming in WDM Networks" on 28<sup>th</sup> March 2009.
- [3] National conference on "ACT'08" at Bannariamman Institute of Technology and presented a paper titled "Image DENOISING with detection and removal of cracks in DIGITIZED PAINTINGS" on 25<sup>th</sup> April 2008.
- [4] National conference on "XETA-2k8" at Jayam College of Engineering and Technology and presented a paper titled "Image DENOISING with detection and removal of cracks in DIGITIZED PAINTINGS" on 5<sup>th</sup> April 2008.
- [5] National conference on "XETA-2k7" at Jayam College of Engineering and Technology presented a paper titled "Network Security KERBEROS" on 4<sup>th</sup> April 2007.

## Dr. Dr. VIJAYARAJA V:

- [1] Performance Evaluation of Energy Efficient Power Models for Digital Cloud", Indian Journal of Science and Technology, Vol 9(48), DOI: 10.17485/ijst/2016/v9i48/105639, February 2017.
- [2]. "Dynamic Data Security in Cloud Storage Infrasturcure", International Journal of Engineering Science and Computing, Vol. 6, Issue 3, 2016
- [3] "Using Entity Tuples to Query Knowledge Graphs", International Journal Of Engineering Science and Computing, Vol. 6, Issue 3, 2016
- [4]. "Sifting Undesirable Substance in Online Interpersonal Organization in Light of Mlsoft Classifier", Arpn Journal Of Engineering And Applied Sciences. Vol. 10, No 21, November, 2015
- [5] "Compression of combined fingerprints for secured authentication", Int. Journal of Applied Sciences and Engineering Research, Vol. 4, Issue 2, 2015
- [6] "Study of Traditional Fairness Congestion Control Algorithm in Realistic WSN Scenarios", International Journal Of Engineering Research And Applications (Ijera), Vol. 1, Issue 4, Pp.1645-1651
- [7] "Study of Traditional Upstream Congestion Control Algorithm with various Metrics in Realistic WSN Scenarios", (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 2 (6), 2011, 2473-2478.
- [8] "Implementation of RETSINA-based Congestion Control Technique in Realistic WSN Scenarios", IJCSET |November 2011 | Vol 1, Issue 10, 617-621
- [9] "Performance Evaluation of Agent-based Upstream Congestion Control Approach in WSN", Int. J. Comp. Tech. Appl., Vol 2 (6), 1939-1944
- [10] "Multi Agent System Based Upstream Congestion Control in Wireless Sensor Networks", European Journal of Scientific Research., Vol.59 No.2 (2011), pp.241-248.
- [11] "Buffer Overflow Attack Blocker Using Sigfree Concept", Int. J. Comp. Tech. Appl., Vol 2 (2), 365-373.
- [12] "Record Matching Over Query Results Using Fuzzy Ontological Document Clustering", International Journal on Computer Science and Engineering (IJCSE)., Vol. 3 No. 2 Feb 2011.
- [13] "Quality Of Service Based Trust Management System-A Review", International Journal of Engineering Science and Technology (IJEST)., Vol. 3 No. 2 Feb 2011.

[14] "Enhancing Parallelism for K-Nearest Neighbor Query Processing using Customized Greedy Perimeter Stateless Routing in Wireless Sensor Networks", International Journal of Computer Science and Technology., Vol. 2, Issue 1, March 2011.

## **International / National Conferences**

- [1] "Distortion less Secure Communication using VoIP in MANETs" Paper presented at the 8th National Conference on Emerging Trends in Computing ETIC'15,S.A Engineering College, Chennai
- [2] "Balancing load and assigning channel for non uniform load distribution" Paper presented at the National conference in Novel Computing NCNC'15, SMK Formra Institute of technology, Chennai
- [3] "Automatic ECG Anomalous Identification Using XML Data Processing" Paper presented at the National conference on Computing Communication & Information Technology, TJS Engineering college, Chennai
- [4] "Ascertaining a new drug in indian medicine using advanced clustering techniques" Paper presented at the International conference on Operational Excellence for Global Competitiveness, R.V College of Enfineering, Benagaluru
- [5] "Congestion in wireless sensor networks and various techniques for mitigating congestion" A review Paper presented at the IEEE International conference on computation intelligence and computing research, Tamilnadu college of engineering, Coimbatore
- [6] "Optimizing parallel itineraries for KNN Query processing" in WSN Paper presented at the IEEE International conference TISC, 2010, Satyabama University, Chennai
- [7] "Optimizing parallel concentric circle itineraries for KNN Query processing in Wireless sensor networks" Paper presented at the NCFTCEA'10, The Oxford College of Engineering, Bengaluru
- [8] "Detecting phishing webpages using visual similarity assessment based on earth movers distance (EMD)"Paper presented at the National conference on webtechnology and open source, Jaya Engineering College, Chennai
- [9] "A new priority based congestion control in wireless sensor networks" Paper presented at the Advanced Techniques in Instrumentation, Control and Communication, St. Peter's Engineering College, Chennai

### Dr. S.P.ANANDARAJ

- [1] "Spot Detection For Morphological Convolution Using DNA Microarray", International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), SCIE 2013 Impact Factor= 7.19, Scopus SJR=0.322, H-index=28,G-Index=48, Vol.118, Issue 14,pp.1-7,Feb 2018.
- [2] "OAODV-Optimizing the TTL value based on priority for route discovery process of AODV protocol in MANET's" Journal of Engineering and Technology, ISSN: 0747-9964,SCIE 2015 Impact Factor = 0.91 ,Scopus SJR = 0.13 , IC Value = 4.27 Vol. 6, Issue 1, pp.170-179,Jan 2018
- [3] "Research Opportunities and Challenges of a Security Concerns associated with Big Data in Cloud Computing", IEEE International conference on ISMAC IoT in Social, Mobile, Analytics and Cloud published in IEEE Explore, DOI: 10.1109/I-SMAC.2017.8058278, Electronic ISBN: 978-1-5090-3243-3, Print ISBN: 978-1-5090-3242-6, INSPEC Accession Number: 17224835 on 10th to 11th Feb, 2017.
- [4] "Data Integrity Protection in Cloud Computing for Constrained Computing Resources" International Journal of Innovative research in Technology (IJIRT), ISSN (0):2349 6002, Vol 1, No 11, Apr-2015
- [5] "A Framework for Automatic Memory Leak Detection designed for Identifying and Analyzing Memory Leaks with its Statistics", ERCICA Proceedia, Elsevier, Vo. 2, 2014, pp.187 194, ISSN:9789351072621
- [6] "Semantic Analysis On Communication And Security Issues Of Extensible Authentication Protocol (EAP) On Wireless Networks", International Journal of Advanced Computing and Electronics Technology (IJACET), ISSN(P):2394-3408, (O):2394-3416, Vol 2, No 1, January 2015.
- [7] "Automatic Tolerance of Memory Leaks in C and C++ Applications by Using Plug" International Journal of Research in Computer science & Engineering (IJRCSE), ISSN (O):2321-5585, Vol 4, Issue 6, pp.2333 to 2338, December 2014.
- [8] "Memory Management by using the Heap and the stack in Java" International Journal of Research in Computer science & Engineering (IJRCSE), ISSN(O):2321-5585,Vol 4, No 6,pp. 1977-1982, December 2014.

- [9] "Secure Transmission of Data in Encrypted Images by Reserving Room Before Encryption" International Journal of Computer Science and Electronics Engineering(IJCSEE,UK),Vol..4, No.5, pp. 26-31, Dec 2014.
- [10] "Invariant Character View Recognition in Artificial Neural Networks based on pattern classification" Global Journal of Computer Science and Information Technology (GJCSIT), Vol 1, No.1,pp. 33-37, Oct 2014.
- [11] "A Dual Framework for Targeted Online Data Delivery Algorithms" International Journal of Computer Science and Information Technologies (IJCSIT), Vol.5, No.2, March 2014.
- [12] "Enhancement of Content Distribution and Verification in Network Coding", International Journal of Advanced Research in Computer Science, Impact Factor: 0.547 ISSN No. 0976-5697, Vol.4, No.11, Nov-Dec 2013.
- [13] "A Survey of Framework for Implementing a Trust Aware Routing of WSN", International Journal of Research in Computer Science Engineering, ISSN(O): 2321 5585, Vol.3, Issue.1, Oct-Nov 2013.
- [14] "Secure Data Transfer in Cloud by Using AES", International Journal of Engineering & Science Research Impact Factor: 1.925, ISSN: 2278-5841, Vol.3, No.10, pp. 1037-1040, Oct 2013.
- [15] "Detection of Precise C/C++ Memory Leakage by diagnosing Heap Dumps using Inter Procedural Flow Analysis Statistics", International Journal of Research in Computer and Communication Technology, Impact Factor: 1.925, ICV: 6.07, ISSN: 2278-5841, Vol.2, No.10, pp. 1037-1040, Oct 2013.
- [16] "Architectural Support for Memory Leakage by Infinite Heap Ordering via Dynamic Analysis", International Journal of Advanced Research in Computer Science and Software Engineering, Impact factor: 2.080, ISSN: 2277 128X, Vol.3, Issue.10, Oct 2013.
- [17] "Broker Discovery for Bridging Virtual Communities", International Journal of Computer Science and communication networks (IJCSCN), Impact factor: 1.000, ISSN: 2249-5789, Vol. 2, No.4, pp.559-565, Sep 2012.

- [18] "Measuring Semantic Similarity between words using page counts and snippets", International Journal of Computer Science and communication networks (IJCSCN), Impact factor: 1.000, ISSN: 2249-5789, Vol. 2, No. 4, pp.553-558, Sep 2012.
- [19] "Fault Tolerant Identification in Wireless Sensor Network for Maximizing System Lifetime", International Journal of Computer Technology and Applications (IJCTA), Impact factor: 2.00, ISSN: 2229-6093, Vol. 3, No.5, pp.1752-1757,Oct 2012.
- [20] "Intrusion detection: an Energy efficient approach and Data loss estimation in Heterogeneous WSN", International Journal of Computer Science and Information Technologies (IJCSIT), Impact factor: 1.004, ISSN: 0975-9646, Vol. 3, No.5, pp.5019-5024, Sep 2012.
- [21] "Energy-Balanced Transmission Policies for Wireless Sensor Networks", International Journal on Computer Science and Engineering (IJCSE), Impact factor:0.583, ISSN: 0975-3397, Vol. 4, No. 09, pp.1608-1616, Sep 2012.
- [22] "Semaphore Based Programmable Security Policies using Slotted Time Communication", European Journal of Scientific Research, Impact factor:0.497, ISSN 1450-216X, Vol.83,No.3, pp.439-446, Aug-2012.
- [23] "Self-Healing Reconfigurable Unit for Error Detection and Correction in Networks", CiiT International Journal of Networking and Communication Engineering (CiiT-IJNCE), Impact factor: 0.569, Print: ISSN 0974 9713 & Online: ISSN 0974 9616, Issue: July 2012, DOI: NCE072012003.
- [24] "Design of Wireless Sensor Architecture using XC2V40 Virtex-II with Xilinx Embedded FPGA Integrated Software Environment", International journal of computer science and software technology (IJCSST), ISSN: 0974-3898, Volume 5, Number 1, jan-june2012, pp.9-12.
- [25] "Enhanced Security through Dynamic Broadcast Routing" International Journal of Advanced Research in Computer Science (IJARCS), ISSN 0976-5697, Volume 2, Issue 5,Sept-Oct 2011,pp.148 to152.
- [26] "Virtual Energy-Efficient Keying for wireless sensor networks", International Journal on Computer Science and Engineering(IJCSE),Impactfactor:0.583, ISSN:2229-5631,Volume:3, No:8, EISSN: 0975-3397, pp.1663to1671.

- [27] "Fault Tolerant implementation of Xilinx Vertex FPGA through On-Chip System Evolution", SPRINGER-VERLAG, Library of congress control Number: 2010940170, ISSN 1865-0929.
- [28] "Structuring UML with Unified Approach using Database modeling", International Journal of high performance and communication systems, ISSN 0975 3974.

- [1] "Moving Human Action recognition and image classification" International Conference on Emerging Technologies in Computer Science (ICETCS) ISBN 978- 93-85101-25-0, held on NOV25th -Nov26th 2017.
- [2] "A Framework for Automatic Memory Leak Detection designed for Identifying and Analyzing Memory Leaks with its Statistics", 3<sup>rd</sup> International Conference on Emerging Research in Computing, Information, Communication and Applications, ISBN:9789351072621,pp. 187-194,held on 1<sup>st</sup> to 2<sup>nd</sup> August 2014 (Conference Proceedings published in Elsevier)
- [3] "Efficient Utilization of Broadband Services for Delivering IPTV Through Virtualization", 4<sup>th</sup> International Conference, New Delhi, SARC-IRF-27<sup>th</sup> April 2014, ISBN: 978-93-84209-08-7.
- [4] "Sub-Threshold Voltage Operation of Digital circuits using Lower Energy Design", National Conference on Computer Vision and Communication Systems, NCCVCS-March 2013.
- [5] "Self-Healing Security Policies using Semaphore" National Conference on Emerging Trends in Communication and Networking, NCETCN-Aug2012.
- [6] "Implementation of EHW for fault tolerant Computation on Multiple Sensor Application including Interrupt Driven Routines enabling Wireless through IEEE 802.15.4 protocol suite" International Conference AICERA-2011, ISBN:978-81-9213320-0-6.
- [7] "Fault Tolerant Implementation of Xilinx Vertex FPGA through On-Chip System Evolution", International Conference, FGCN-2010.
- [8] "Realization of on-chip flexibility using Xilinx Vertex FPGA through target EHW", IEEE ICCET'2010.

- [9] "Integration of fault tolerant mechanisms in wireless sensor Networks through adopting SARD Architecture via Software Driven Approach" CCSN-2010.
- [10] "Progression of EHW Chips in Streaming Applications", 4<sup>th</sup> International Conference on "Managing in New world order: Strategies for Sustainable Business Development-2010".
- [11] "Fuzzy Knowledge model in Concurrent Design" International Conference on "TRANSCENDING HORIZONS TROUGH INNOVATIVE GLOBAL PRACTICES 2009".
- [12] "Structuring UML with Unified Approach using Database Modeling", NCAC09, Paper id NCAC225, ISBN number 978-81-909376-0-3.
- [13] "Virtualization for the Management Security of Business resources in IT Industry", International conference in "SUSTAINING BUSINESS IN A CHANGING GLOBAL ENVIRONMENT- 2009"

# Dr. A. JAYACHANDRAN

- [1] Jayachandran, A, and D.StalinDavid (2018) 'Early Diagnosis of Glaucoma in Retinal Images using Colour and Structure Descriptor with Hybrid RBF Kernel SVM 'Cluster Computing, published by Springer(SCI Journal, IF: 2.195) (Accepted for publication)
- [2] **Jayachandran**, **A**, and G.Kharmega sundararaj (2016) 'Abnormality segmentation and Classification of multi model brain tumor in MR images using Fuzzy based hybrid kernel SVM' International Journal of Fuzzy system, published by **Springer**, Volume 17, Issue 3, pp 434-443 ISSN: 2199-3211 (**SCI Journal, IF: 2.095**)
- [3] Jayachandran, A and R.Dhanasekaran ,(2017) 'Multi Class Brain Tumor Classification Of MRI Images using Hybrid Structure Descriptor and Fuzzy Logic Based RBF Kernel SVM', Iranian Journal of Fuzzy system, Volume 14, Issue 3, pp 41-54, 2017, ISSN: 1735-0654 ( SCI Journal, IF: 0.534)
- [4] **Jayachandran, A** and R.Dhanasekaran,(2014), 'Brain tumor severity analysis using modified multi-texton histogram and hybrid kernel SVM', International Journal of Imaging Systems and Technology, Vol. 24, 72–82 (10) FEB 2014, published by **Wiley & sons ISSN**: 0899-9457 (**SCI Journal, IF: 1.139**).

- [5] Jayachandran, A & Dhanasekaran, R, (2014), "Severity Analysis of Brain Tumor in MRI Images using Modified Multi-Texton Structure Descriptor and Kernel- SVM, The Arabian Journal of science and engineering published by **Springer**. Vol.39,No.10 ,pp,7073-86, ISSN: 1319-8025, (**SCI Journal, IF: 1.139**).
- [6] Jayachandran, A and R.Dhanasekaran 2013,,' Brain Tumor Detection using Fuzzy Support Vector Machine Classification based on a Texton Co-occurrence Matrix', Journal of imaging Science And Technology published by Society for Imaging Science & Technology, Volume 57, Number 1, January 2013, pp. 10507-1-10507-7(7). ISSN: 10623701, (SCI Journal, IF: 0.93).
- [7] Jayachandran, A and R.Dhanasekaran, 2013, 'Automatic detection of brain tumor in magnetic resonance images using multi-texton histogram and support vector machine', International Journal of Imaging Systems and Technology, Volume 23, Issue 2, pages 97–103, published by Wiley & sons ISSN: 0899-9457 (SCI Journal, IF: 1.139).
- [8] Jayachandran, A and R.Dhanasekaran, (2013), 'Computer Based Diagnosis of Brain Tumor in MRI Images Using Combined Texture Features and ANFIS Classifier', Archive Des Sciences. Vol. 66, No. 3, pp, 87-93. ISSN: 1661-464X, (SCOPUS Indexed, Impact Factor: 0.334).
- [8] Jayachandran, A and T.Ambika, (2017), Efficient Admission Control Mechanism for Multiple Traffic Flows in Mobile Ad Hoc Network, 'Journal of Computational and Theoretical Nanoscience' Volume 14 Issue 12 Pages 5915-5921. (SCOPUS Indexed, Impact Factor: 1.42).
- [9] Jayachandran, A and G.Hariharan, (2017), "Color, Textures and Shape Descriptor Based Cervical Cancer Classification System of Pap Smear Images", 'Journal of Computational and Theoretical Nanoscience' Volume 14 Issue 7 Pages 3609-3614. (SCOPUS Indexed, Impact Factor: 1.42).
- [10] Jayachandran, A and D.StalinDavid, (2018), 'Textures and Intensity Histogram Based Retinal Image Classification System Using Hybrid Colour Structure Descriptor, Biomedical & Pharmacology Journal Vol. 11(1), 577-582 (2018), (SCOPUS Indexed).
- [11] Jayachandran, A and Kharmega sundararaj, (2013), 'Brain Tumor Classification in MR Images Based on Multi-modal Texture Features and Kernel Based Support Vector Machine, International Journal of Applied Engineering Research, Volume 10,Issue 14, Pages 34008-34013,2015. (SCOPUS Indexed).
- [12] Jayachandran, A and Sivarajan T, (2018), 'A Novel Parallel Soft Switching Power Factor Correction Boost Converter, TAGA JOURNAL, Vol. 14,pp 3230-43(SCOPUS Indexed).

- [13] Jayachandran, A and StalinDavid, (2018), 'Robust Classification of Brain Tumor in MRI Images using Salient Structure Descriptor and RBF Kernel- SVM", TAGA JOURNAL, Vol. 14,pp 1230-41(SCOPUS Indexed).
- [15] Jayachandran, A and R.Dhanasekaran, (2013), 'Brain Tumor Detection and Classification of MR Images Using Texture Features and Fuzzy SVM Classifier', Research Journal of Applied Sciences, Engineering and Technology, vol.6, no.12, pp,2264-2269, ISSN:2040-7459, (SCOPUS Indexed).
- [16] Jayachandran, A and R.Dhanasekaran, 2013 "A novel Fuzzy information system based edge detection of noisy digital images", European Journal of Scientific Research, Vol. 73, Issue: 02, pp. 254 265, 2012, ISBN 1450-202X, (SCOPUS Indexed).
- [17] Jayachandran, A and R.Dhanasekaran, 2013 "A Novel Color Filter Array Based on Human Visual System", European Journal of Scientific Research, Vol. 75, Issue: 02, pp. 279 288, 2012, ISBN 1450-202X, (SCOPUS Indexed).
- [18] Jayachandran, A & Dhanasekaran, R 'Automatic Brain tumors Detection and classification of MR Images using Combined texture features and Radial Basis Neural Networks, Research Journal of Applied Sciences. ISSN: 1815-932X (SCOPUS Indexed). (accepted).
- [19] Jayachandran A and R.Dhanasekaran, & Rajan P,' Iterative Enhanced Directional Based Demosaicking Algorithm', International Journal of Computer Science and Engineering, Issue 7, Volume 3, July 2011, PP, 2828 2834,ISBN 0975-3397.
- [20] Jayachandran A and R.Dhanasekaran, A (2011), 'Performance and Evaluation of Congestion Control and Routing Algorithm for Improving Internet Traffic Control System', International Journal of Computer Science and Network Security, Vol. 11, No. 6, pp. 57 61, ISBN 1738-7906.
- [21] Jayachandran A and R.Dhanasekaran, (2011), 'Optimal Rate Based Image Transmission Scheme in Multi-rate Wireless Sensor Networks', International Journal of Engineering science and Technology, Vol. 3, No.6, pp. 5011 5017, ISBN 0975-5462.
- [22] A. Jayachandran and R.Dhanasekaran, A (2011), 'Multimedia Design issues for Internet Telephony Protocols in current high performance networks', International Journal of Computer science and Information Security, Vol. 9, No.5, pp. 231 239, ISBN 1947-5500.
- [23] A. Jayachandran and NeetuGeorge (2014), 'An Efficient Brain Tumor Detection and classification using Neural Network Model', International Journal of Scientific Research Engineering & Technology (IJSRET), Vol. 2, No.10, pp. 642 646, ISSN 2278 0882.

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#### Mr. B.JAYARAM

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# Mrs.B.DEEPIKA:

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- [1] "A study on social networks using Link Prediction algorithm" in International Conference on Technical Advancements in Computer Science and Engineering [IJTACSE-2018] and SCOPUS on January  $2^{nd}$  2018
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