MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
Autonomous Institution, UGC, Govt. of India
Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution
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AAA+ Rated by Careers 360 Magazine, National Ranking-Top 100 Rankband by Outlook, 7th Rank CSR, Platinum Rated-AICTE-CII Survey
Maisammaguda, Dhullapally, Secunderabad, Kompally-500100

FACULTY PUBLICATIONS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. Y. MADHAVEE LATHA

SCOPUS

[1] "**Content Based Video Retrieval System Using Multiple Features**" International Journal of Pure and Applied Mathematics, **Scopus**, H-index-28, Impact factor 7.19, Volume 118, No. 14 (2018), pp. 287-294

[2] "**Adaptive Power Control for Quality of Service Improvement in WCDMA Wireless Networks**" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 8 (2017) pp. 1779-1783

[3] "**Steerable Text Descriptor for an Effective Content Based Medical Image Retrieval System using PCA**" **Springer India 2016** S.C.Sathapathy et al. (eds.), ,Volume 1,379, DOI 10.1007/978-81-322-2517-1_29,PP 289-298.

[4] "**Weighting Multiple Features and Double fusion Method for HMM Based video Classification**" **Springer India 2016** S.C.Sathapathy et al. (eds.),Microelectronics, electromagenetics and telecommunications,DOI 10.1007/978-81-322-2728-1-68

[5] "**Robust video watermarking by amalgamation of image transforms and optimized firely algorithm**" International journal of applied research ISSN 0973-4562 volume 11 number 1 2016 pp216-225

[6] Switzerland 2016 S.C. Satapathy and S. Das (eds.), Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 1, **" Smart Innovation, Systems and Technologies**" 50, DOI 10.1007/978-3-319-30933-0_44 PP

[7] "**Boundary Detection in Medical images using Boundary Box based Contour Method**", International Journal of Applied Engineering Research ISSN 0973-4562, Volume 10. No.18 (2015) PP 39105-39108.

[8]   "**Higher Order Oriented Feature Descriptor for Supporting CAD System in Retrieving Similar Medical Images Using Region Based Features**" Springer International Publishing

[9]   "**Skelotonization of Players in Dynamic Backgrounds using Discrete curve Evolution**" on behalf of Program committee of ICMEET 2015 Print ISBN 978-81-322-2726-7 Online ISBN 978-81-322-2728-1 Volume-372 Series ISSN 1876-1100 **Published in Springer:** "Lecture Notes in Electrical Engineering" (*DOI* 10.1007/978-81-322-2728-1_66) pp 689-696

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[1]"**Region Based Texture Descriptor for Content Based Medical Image Retrieval Using Second Order Moments**", DRDO Sponsored 2th **IEEE** International Conference on Innovation ,Embedded and Communication System.(ICIIECS-2015), ISBN: 978-1-4799-6816-9, 19th and 20th March 2015

[2] "**Implementation of HMM Based Automatic Video Classification Algorithm on the Embedded Platform**" in **IEEE** International Advance Computing Conference(IACC) at IACC June,2015: 570110271 Bangalore, PP-1263-1266

[3] "**Multidimensional Feature Space For An Effective Content Based Medical Image Retrieval**" in **IEEE** International Advance Computing Conference(IACC) at IACC june, 2015,PP.67-71

[4]"**A Proactive QoS Routing Protocol for wireless Ad Hoc Networks**" 978-1-61284-693-4/11/2011 **IEEE** PP.787-791.

[5] "**An Effective Multiple Visual Features for Content Based Medical Image Retrieval**", **IEEE** Sponsored 9th International Conference on Intelligent Systems and Controls (ISCO', ISBN: 978-93-83038-27-5, 9th and 10th January 2015.

[6]"**A Pristine Digital Video Watermarking in H.264 Compressed domain**", **IEEE** International conference on computational intelligence and computing research 2014, ICCIC1400521,Dec 18-20.

[7]Published in Springer**: "Lecture Notes in Electrical Engineering"** (*DOI* 10.1007/978-81-322-2728-1_68) pp. 709 -720 **"Implementation of HMM Based Automatic Video Classification Algorithm On The Embedded Platform**" IEEE International Advanced Computing Conference (IEEE IACC-2015) ISBN: 978-1-4799-8046-8 **Scopus** (DOI: 10.1109/iadcc.2015.7154904) And Google Scholar pp. 1263 – 1266

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[6] "**Cross Layer Based QoS Improvement in Cellular Networks**" International Journal of Research (IJR) e-ISSN: 2348-6848, p- ISSN: 2348-795X Volume 2, Issue 12, December 2015, PP 341-348

[7] "**Throughput Enhancement for Better QoS in WCDMA Networks**" International Journal of Computer Applications (0975 – 8887) Volume 110 – No. 16, January 2015 PP13-15

[8] "**A Hybrid Robust DCT- Schur based Video Watermarking Scheme**" International Journal of Electrical, Electronics and Computer Systems (IJEECS), ISSN (Online): 2347-2820, Volume -3, Issue-12 ,2015, PP 8-13

[9] "**WIFI – RASPBERRY PI based smart advertising**" International Journal of Embedded and VLSI System, ISSN: 2349-8129, Volume 3, Issue 11, Nov 2014. PP 1-5 [21]"Congestion avoiding using GSRM and WCDMA Networks" International Journal of Engineering Trends and Technology (IJETT) – Volume 9 Number 12 - Mar 2014 PP 589-591

[10] "**Congestion avoidance using DSRM for WCDMA Network''** International Journal of Emerging Trends in Technology (IJETT) vol 9 No 16 March 2014 with Impact factor 2.52 PP 42-47.

[11] "**Active Queuing Mechanism for WCDMA Network**" (IJCSIS) International Journal of Computer Science and Information Security, Vol. 11, No. 10, October 2013, PP 42-47

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[1] "**Improved Degraded Document Images Using Phase Based Binarization**" in (IJRAET), ISSN (Online): 2347 - 2812, Volume-3, Issue -9, 2015, PP 15-19.

[2] "**Throughput Enhancement for Better QoS in WCDMA Networks**" International Journal of Computer Applications (0975 – 8887) Volume 110 – No. 16, January 2015 PP13-15

[3] "**A Hybrid robust DCT –Schur Bs\ased video watermarking Scheme**" international journal of electrical electronicsand computer systems (IJEECS) ISSN :2347-2820 volume 3 issue 12 2015 PP 8-13

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[7]"**A Survey on WCDMA Network for better QOS in Wireless networks**" international Journal of Computer Science and Management research vol 2 issue 3march 2013 ISSN 2278 - 733X

[8] "**Active queuing Mechanism for WCDMA Network**" International Journal of Computer Science and Information Security (IJCSIS), Vol11, No.10,ISSN 1947-5500, October 2013, PP 42-47.

[9] "**Performance evaluation of Routing Protocol for WCDMA Network**" International

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[11] "**A Survey on WCDMA Scheme for better QOS in Wireless Networks**" International

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ISSN 2319-8672, January 2013, PP 247-254.

[14] "**Medical Image retrieval using Moments**" International Journal of Application or Innovation in Engineering & Management (IJAIEM), ISSN 2319-4847, Volume1, Issue2, January 2013, PP 195-200.

[15] "**Comparative Analysis of Queuing Mechanism for WCDMA Networks**" International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) vol 2 issue 2 April 2013 PP 240-242

[16] "**Medical Image retrieval using LLBP**" International journal of Biomedical Signal Processing (IJBSP), ISSN 0975 -8186 3(1), 2012, PP19-23.

[17]"**Congestion free mechanism for multimedia services in distributed wireless network**" International journal of advanced computing (IJAC) volume 3 issue 1 January 2011, PP 19-24

[18]"**Performance Analysis of QoS Based Multimedia Real-time Protocol**" International journal of Computing vol 1 issue 2 April 2011 pp 216-219

[19]"**A QoS Based MAC Protocol For Wireless Ad-hoc network**" International Journal of Network Security & Its Applications (IJNSA), Vol.3, No.2, March 2011 pp-196-198

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[1] "**Gesture Drawing in the Air Digitally**" 3rd International Conference on Signal Processing, Communications and System Design (ICSPCOMSD-2018) February 2018, ISBN: 978 93 83038 56 5 PP 170-172

[2] "**Integrated Multiple Features for Tumor Image Retrieval Using Classifier and Feedback Methods**" International Conference on Computational Modelling and Security (CMS 2016)Procedia Computer Science 85 (2016) PP 141 – 148

[3] "**Signature Detection and Matching From Scanned Documents**" 2nd International Conference on Signal Processing, Communications and System Design (ICSPCOMSD-2016) August 2016, ISBN: 978 93 83038 42 8 PP 34-37

[4] "**Region Based Video Retrieval System using Shape and Texture Features**" 2nd International Conference on Signal Processing, Communications and System Design (ICSPCOMSD-2016) August 2016, ISBN: 978 93 83038 42 8 PP 330-337

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embedded platform" International advance computing Conference(IACC) 2015 pp 1263-1266

[6] "**Improved Degraded Document images Using Phase Based Binarization**" in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP13-21

[7] "**Motion Features for Content-Based Video Classification in Dynamic Backgrounds**", in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP44-49

[8] "**An Intelligent Brain Tumor Classification for Clinical Decision Support**" in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP 138-142

[9] "**Weighting Multiple features and Double Fusion method for High HMM Based Video Classification**", on behalf of Program committee of ICMEET 2015 Print ISBN 978-81-322-2726-7 Online ISBN 978-81-322-2728-1 Volume-372 Series ISSN 1876-1100

[10] "**Boundary Detection in Medical Images using SOM Clustering Method**", National Conference on Signal Processing and Communications –System Design (SPCOM-SD 2014), Hyderabad, Volume 1, during 3rd-4th January, 2014, pp 5-8.

[11] "**Modeling and Analysis of LPI Radar Signal**" National Conference on Signal Processing and Communications –System Design (SPCOM-SD 2014), Hyderabad , Volume 1, during 3rd - 4th January 2014, PP 15-20.

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[15] "**A Comparative Study of Various Moment Based Shape Descriptors For Efficient CBMIR",** International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT-2014), ISBN: 978-93-83038-27-5, 26th-27th December
2014, PP 26-30.

[16]"**Content Based Video Retrieval System Using Multiple Features**" International Conference on Communications, Signal Processing Computing and Information Technologies,

ISBN-9789383038275, ICCSPCIT 26th- 27th December,2014,PP 114-119

[17]"**Silhouette Extraction Of A Human Body Based On Fusion Of Hog And Graph-Cut Segmentation In Dynamic Backgrounds"**

[18]**"Novel Connection Admission Control in W-CDMA Networks**". International Conference on Communications, Signal Processing Computing and Information Technologies, (ICCSPCIT), ISBN: 9789383038275, December-2014,PP-129-134.

[19]"**CBMIR Based on Integrated SOFM and Clustering Multiple Features**" International Conference on Systemic, Cybernetics and Informatics ICSCI 2014, 3rd- 6th February PP-260-263.

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[21]"**Content based Sports video Classification System**" National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 201-203

Dr. N. SREEKANTH

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[1] "**Signal To Interference Ratio (SIR) Analysis And Interference Cancellation In MIMO OFDM Systems With Carrier Frequency And Timimng Offsets" ISBN:** 978-1-84919-929-219-20 Oct. 2012 **DOI:** 10.1049/cp.2012.2514

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[1] " **An Enhanced Low Rank Approximation Svd-Based Method For Image Denoising**" International Journal of Engineering and Advanced Technology(IJEAT)ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019

[2] "**Design and Analysis Of Blade Antenna Using Diverse Rectangular Substrates With SSRR And SRR**" International Journal of Pure and Applied Mathematics Volume 118 No. 14 2018, 307-313 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu Special Issue**-Scopus Indexed**

[3] "**Comparitive Investigation Of Blade Antenna In S Band For Airborne Applications"** Volume -9, Issue-12 2017.

International/National Journals:

[1] "**A systematic survey on BLADE antennas for Airborne applications**" IJATEST Volume -4, special Issue 2016

 [2] Asha vijayalakshmi, J., and N. Sreekanth. "**A Novel Enhanced Technique For Peak-To-Average Power Ratio Reduction Using Weighted OFDM Signal**", International Journal of Exploring Emerging Trends in Engineering (IJEETE) Vol. 02, Issue 05, SEPT- OCT, 2015 Pg. 235-239.

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[5]B.Lalithya, N.sreekanth , " **Joint Synchronization and Channel Estimation for MIMO-OFDM Systems using EM Algorithm** " , IPASJ INTERNATIONAL JOURNAL OF ELECTRONICS & COMMUNICATION (IIJEC) , Volume 2, Issue 8, August 2014 , pp. 053-060 , ISSN 2321-5984.

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[10] N.Sreekanth and Dr.M.N.Giriprasad, "**MMSE Equalisation And ML Decoding By Using MIMO-OFDM-STBC Techniques**," International Journal of Advance in Communication Engineering (IJACE) ,International Sciences Press, Vol.4 ,2012 ISSN: 0975-6094

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[2]. "**Healthcaremonitoring in iot using wban**"3rd International Conference on Signal Processing, Communications and System Design (ICSPCOMSD-2018) February 2018 ISBN: 978 93 83038 565

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[4]"**Enhanced ber analysis and interference cancellation in sfbc-ofdm with timing offset**"3rd International Conference on Signal Processing, Communications and System Design (ICSPCOMSD-2018) February 2018 ISBN: 978 93 83038 565

[5]N.Sreekanth and Dr.M.N.Giriprasad, "**Signal To Interference Ratio (SIR) Analysis And Interference Cancellation In MIMO OFDM Systems With Carrier Frequency And Timing Offsets**",   Fourth International conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2012, held on 19th and 20th , 2012, Bangalore, India. Available at Springer digital Library.

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[7] International Conference on "**Sensors Signal Processing, Communication, Control and Instrumentation(SS PCCIN)",** on 3rd to 5th Jan. 2008 held at Viswakarma Institute of Technology, Pune, India.

Dr. S.VASANTHA SWAMINATHAN

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[1] "**Design, Implementation And Comparative Analysis Of Kogge Stone Adder Using Cmos And Gdi Design: A Vlsi Based Approach**" International Journal of Engineering and Advanced Technology(IJEAT)ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019

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[1] Dr.S.Vasantha swaminathan,K.Bhulakshmi,B.Rekha,V.Amulya,MD.Omer Shareif,2016, "**Study of SRAM and its Low Power Techniques**".International Journal of Electronics and Communication Engineering and Technology (IJECET)—pp.35-43

Inter National/National Conferences:

[1] Vasantha swaminathan.S, Jan—2008,National conference on Embedded system Technology , Scad College of Engineering and Technology-Tirunelveli.

[2] Vasantha swaminathan.S,APRIL—2004,Wireless Internet Protocol over ATM, Anna University—Chennai.

Dr. S. RAJ KUMAR:

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[1] "**Bit Error Rate Analysis Of Cognitive Radio Network In The Presence Of Primary Interference**" International Journal of Engineering and Advanced Technology(IJEAT)ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019

[2], "Outage Analysis of Cognitive Relay Network with SR Link Based Relay Selection" International Journal of Pure and Applied Mathematics, Vol. 118, no. 14, pp.315-321**-Scopus Indexed,2018**

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[1] "**Outage analysis of full duplex cognitive network with relay selection per subcarrier over Nakagami-m fading channel",** International Journal of Applied Engineering Research, Vol. 10, no. 6, pp. 5249-5254. (ISSN: 0973 4562, - As indicated in Annexure II of refereed journal list given in Anna University Portal version 2014.1),2015

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[1] '**Average error probability of OFDM based cognitive decode and forward relay network with narrowband interference'**, Published in International Journal of Applied

Engineering Research, Vol. 10, no. 17, pp. 13352-13357. (ISSN: 0973 4562, - As indicated in Annexure II of refereed journal list given in Anna University Portal version 2014.1), 2015,

 [2] '**Performance Analysis of Orthogonal Frequency Division Multiplexing Based Bidirectional Relay Network in the Presence of Phase Noise** ', Published in American Journal of Applied Sciences, Vol. 10, no. 11, pp. 1335-1344. (ISSN: 1546-9239, - As indicated in Annexure II of refereed journal list given in Anna University),2014

[3] '**Outage Analysis of PLNC Based Bidirectional Relay Network in the presence of I/Q Imbalance'**, Published in International Journal of Engineering and Technology, Vol. 6, no. 4, pp. 1758-1767. (ISSN: 0975-4024, - As indicated in Annexure II of refereed journal list given in Anna University), 2015,

[4] "**Performance Analysis of Optimum Combining in OFDM Based Full Duplex Multiantenna DF Relay Network with Narrowband Interference**" Wireless personal communications, Springer, Vol. 92, no. 2, pp.547-563 – As indicated in Annexure I of refereed journal list given in Anna University Portal version 2014.1). Impact Factor: 0.945.

[5], "**Outage Analysis of OFDM Based Full Duplex Cognitive AF Multiple Relays Network in the Presence of Narrowband Interference**" IET Signal Processing, Vol. 10, no. 8, pp.865-872– As indicated in Annexure I of refereed journal list given in Anna University Portal version 2014.1). Impact Factor: 0.945.

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[1] '**Performance analysis of OFDM based full duplex cognitive AF relay network in the presence of narrowband interference',** Proceedings in IEEE International Conference on Signal Processing Informatics Communication and Energy Systems, NIT, Calicut, Kerala, 2015

[2] ''**Outage analysis of OFDM based full duplex cognitive DF relay network in the presence of narrowband interference'**, Proceedings of IEEE National Conference on Communication Signal Processing and Networking, Palakkad, Kerala, 10-12 Oct-2014.

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[4] "**An Enhanced Closed Loop MIMO design for WiMAX Systems**", ETWT'10, Thiagarajar College of Engineering, Madurai, 2010

[5] "**Performance analysis of OFDM and multiband OFDM system in Multipath fading channels**", Signals Systems and Communication, Anna University, Chennai, 2008

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[7], "**Performance analysis of MIMO in WiMAX systems**", NetCom'07, RMD Engg college, Chennai, 2007

Dr. S. SATHISH

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[2]"**A Peak to Average Power Ratio Reduction Technique using Threshold Deduction for OFDM Transmission systems**", Australian Journal of Basic and Applied Sciences, Vol. 8 No. 18, pp.455- 458, 2014.

[3]"**Analysis of enhanced switching agent for ZigBee Wireless Sensor Network using LAR**", Asian Journal of Research in Social Sciences and Humanities Vol.6 No.7. pp2078-2089,July 2016.(**UGC APPROVED JOURNAL)**

[4] "**Physical Layer Security Enhancement for Cognitive Radio Networks using SINR-Based Cooperative Beamforming**", Asian Journal of Research in Social Sciences and Humanities Vol.6 No.7. pp2090-2100,July 2016. (**UGC APPROVED JOURNAL**)

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Dr. T. R. V. ANADARAJAN

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