

RESUME

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B.Tech, M.Tech, Ph.D, MIEEE, MIETE, MISTE

Principal & Professor of ECE

Malla Reddy Engineering College for Women

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Education:

- **Ph.D:** JNT University, Hyderabad, India, January 2009.
(Guide: Dr.B.C.Jinaga, Former Registrar JNTUH)
Major: Electronics & Communication Engineering
- **M.Tech (Distinction: 84% □ Topper of M.Tech): “Digital Systems & Computer Electronics”** JNT University College of Engineering, Hyderabad, India, 2002-2004.
- **B.Tech: “Electronics & Communication Engineering”,** JNT University College of Engineering, Hyderabad, India. 1996-2000.

Research Interests:

Signal Processing and Communications.

Experience:

Total of 14 years of experience at various levels of Academic and Administrative Positions.

- Worked at G.Narayanamma Institute of Technology & Science, Department of ECE, Hyderabad. (9 Years)
- Worked at Malla Reddy College of Engineering & Technology “Professor & Head”, Department of ECE, Hyderabad. (1½ years).
- Presently working as **Professor of ECE & Principal** Malla Reddy Engineering College for Women (4 years-Since July, 2010).

Honors and Awards:

- Academic Excellence Award in the year 2007-08.
- Best Teacher in the college and rated by the students (95% Feed Back)
- Topper in the M.Tech Program (84%), JNT University College of Engineering, Hyderabad, India.
- Reviewer of Journal of Electrical and Electronics Engineering Research.

- Reviewer of International Journal on computing, communications and systems.

Professional Bodies Membership:

- Member of IEEE (90753587)
- Life Member of IETE (LM177648)
- Life Member of ISTE (LM33687)

Contribution to Professional Bodies:

- Established IEEE,IETE,ISTE & HMA Student chapters in MRECW
- Student counselor of IEEE student chapter at MRCET.
- Student adviser of ISTE student chapter at MRCET
- Faculty Adviser of IETE & ISTE student chapters at GNITS

Books published:

- **Signal Processing Simulation using MATLAB (SCITECH Publications PVT.LTD.)**

Invited lectures / National/International Conferences/Symposia - Session Chair/Key Note Address:

S.No	National/ International	Name of the Event	Place	Start Date	End Date
1	National	A Three Week Refresher course on Recent Advances in Digital Image Processing	JNTUH-UGC-ASC	3/3/2008	3/22/2008
2	National	Three Day Workshop on Image & Video Processing	Sreenidhi Institute of Science & Technology	6/21/2007	6/23/2007
3	National	TECHSMEC 2010	St. Martin's Engineering College	3/19/2010	3/20/2010
4	National	Work Shop on Digital Image Processing	G. Narayanamma Institute of Technology & Science	12/1/2005	12/3/2005

5	International	International Conference on Computing, Communications, Systems and Aeronautics (ICCCSA-12)	Malla Reddy College of Engineering and Technology	3/30/2012	3/31/2012
6	National	SPCOM-2010	Malla Reddy College of Engineering and Technology	12/23/2010	12/24/2010
7	National	SPCOM-2009	Malla Reddy College of Engineering and Technology	12/4/2009	12/5/2009
8	National	Work Shop on Multimedia Signal Processing	Anu Bose Institute of Technology	12/20/2010	12/24/2010
9	National	Work shop on Microprocessors and its Applications	Vaishnavi Institute of Technology	6/20/2011	6/25/2011
10	National	National Conference on Computer Vision and Image Processing	JB Institute of Engineering & Technology	12/17/2012	12/18/2012
11	National	SPESA-2011	CMR College of Engineering & Technology	7/8/2011	7/10/2011
12	National	Workshop on Multimedia Communication Protocols	CMR Institute of Technology	6/7/2010	6/12/2010
13	National	Workshop on computer Networks & protocol	Malla Reddy Institute of Technology	5/3/2010	5/8/2010
14	National	Audio coding, Audio and Video Conferencing	Aditya Institute of Technology and Management	12/20/2007	12/22/2007
15	National	Interrupt Controllers for 8086 Microprocessors	Malla Reddy College of Engineering and Technology	3/1/2011	3/1/2011

16	National	Over View on Digital Signal Processing	Malla Reddy Institute of Technology	1/6/2014	1/6/2014
17	National	Over View on Digital Signal Processing	Malla Reddy College of Engineering and Technology	2/6/2014	2/6/2014

Conferences/Workshops/Refresher Courses Organized (Faculty Development programs : (Convener /Coordinator/Organizing secretary):

S.No	Title of the Event	Period (INSTITUTE)
1	National Conference on Signal Processing and Communications-System Design [SPCOM –SD 2014]	Jan3 rd -4 th ,2014
2	National Conference on Technical Advancements in Computer Science and Engineering [NCTACSE- 2014]	Jan3 rd -4 th ,2014
3	National Conference on Emerging Trends in Electrical Systems and Engineering [NCEESE - 2014]	Jan3 rd -4 th ,2014
4	One Week Refresher Course on "ANALOG AND DIGITAL COMMUNICATION "	17 th - 21 st June, 2013
5	One Week AICTE Sponsored National Work Shop on Cloud Computing	Nov 25 th -29 th ,2013
6	One Week Refresher Course on "Power Systems & Power Electronic Drives"	17 th - 21 st June, 2013
7	Two Day Workshop on “Programmable System On Chip Mixed Signal Microcontroller	23 rd June 2012 (MRECW)
8	Three Day Workshops on “Analog and Digital Design using cadence tools”	5 th -7 th July 2012 (MRECW)
9	National Level Workshop on Competency Skills For Library Professionals	May 6-7,2011 (MRECW)
10	Effective Communication Skills workshop	7 th January, 2011
11	International Conference on Earth Sciences and Engineering – (ICEEE-2010)	August 21, 2010 (MRECW)
12	National conference on” Signal Processing and Communications”	December 4 th -5 th , 2009 (MRCET)
13	Refresher course on “Digital Image Processing and its	July 2-10, 2009

	Applications”	(MRCET)
14	Three day work shop on Embedded systems and Protocols	December 7 th -9 th , 2009 (MRCET)
15	Three day work shop on Robotics	April ,6 th -8 th , 2010 (MRCET)
16	In house workshop on ECE labs	April 20 th -May 5 th , 2009 (MRCET)
17	Three Day Workshop on DSP Processors	June 27 th -29 th , 2005 (GNITS)
18	Three Day Workshop on Digital Image Processing	December 1 st -3 rd , 2005 (GNITS)

Student Conferences/Workshops/ Symposiums /Training Programs Organized: (Convener /Coordinator/Organizing secretary):

S.No	Title of the Event	Period (INSTITUTE)
1	Two day workshop on "SIM POWER SYSTEMS" for B.Tech III year EEE students.	28 th Feb-1 st March,2014
2	Two day workshop on "ROBOTICS"& " ETHICAL HACKING" for B.Tech III year ECE & CSE students.	21 st -22 nd Feb,2014
3	Future Sastra-2k14: NATIONAL LEVEL TECHNICAL SYMPOSIUM.	31 st Jan- 1 st -Feb ,2014
4	Work shop on Digital circuit Design Using OSCAD	23 rd -24 th December,2014
5	Work Shop on ARM Processor-IV Students	13 th -14 th December,2014
6	Tech Delight -2013-I year Student Fest	27 th Nov,2013
7	Rally on Save India from Financial crisis	4 th Sep,2013
8	MEDHA-2013 State Level Technical Symposium	July 27 th ,2013
9	Student Conferences on "SYSTEMS, SIGNAL PROCESSING & COMMUNICATION", "NETWORKS, SECURITY & DATA MANAGEMENT" &"POWER SYSTEM APPLICATIONS"	13 th July, 2013
10	FUTURE SASTRA – 2013” : NATIONAL LEVEL TECHNICAL SYMPOSIUM.	22 nd -23 rd Feb, 2013
11	PRAGYA – 2013 –Intra College Technical Symposium	2 nd to 4 th Feb, 2013
12	Three Day Workshops On “Robotics”, “Recent Trends in	6 th - 12 th ,Sep 2012

	Electrical Engineering”, “Web Designing & Applications” & “Circuit Designing & Implementation Using PCB”	(MRECW)
13	ELITE” – A Management Fest	20 th Dec,2012 (MRECW)
14	"MEDHA – 2012" State Level Technical Symposium	21 st july 1012 (MRECW)
15	Three Day Workshops on” Android Applications”	30 th -3 rd Dec,2011
16	National Level Technical Symposium (FUTURE SASTRA -2010-2013)Three years	January 20-21,2012 (MRECW)
17	National Level Workshop on Competency Skills For Library Professionals	May 6-7,2011 (MRECW)
18	Intra college Technical Conference (Techno vision)	14/11/2011 (MRECW)
19	Effective Communication Skills workshop	7 th January, 2011
20	Embedded Systems using 32- Bit Processor	October 7 -8, 2010 (MRECW)
21	Electosurge-10-National Level Symposium	April ,3 rd -4 th , 2010 (MRCET)
22	Ervena-07-Intra College Fest	October10 th , 2007 (GNITS)
23	National Level student Fest	February 21 st – 22 nd , 2008 (GNITS)

Workshops /Refresher Courses Attended:

S.No	Title of the Course	Organization	Period
1	Two week ISTE Workshop on signals & Systems	IIT Kharagpur under the National Mission on Education Through ICT(MHRD, Govt of INDIA)	Jan 2 nd -12 th , 2014
2	Two week ISTE Workshop on signals & Systems	IIT Kharagpur under the National Mission on Education Through ICT(MHRD, Govt of INDIA)	Jun 4 th -14 th , 2013
3	One Week Refresher Course on "ANALOG AND DIGITAL COMMUNICATION ”	MRECW,Hyderabad	17 th - 21 st June, 2013
4	AICTE-ISTE Internetworking	JNTU College of Engg.	Jan 21 –Feb 02,

		Hyderabad	2002
5	VLSI Design	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 13–Dec 03, 2002
6	Digital Signal Processing & DSP Processors	OU College of Engg. Hyderabad	Aug 18-22, 2001
7	DSP Processors & Applications	OU College of Engg. Hyderabad	Nov 23 – 27, 2003
8	Computer Networking And ATM Networks	GNITS, Hyderabad	Feb 20-21, 2004
9	Digital Signal Processing	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 17– Dec 07, 2004

Presented Research papers in conferences:

S.No	Name of the Conference	Title of the paper	Organization & Venue	Period
1	International conference on systemic, cybernetics & Informatics(ICSCI-2014)	CBMIR based on Integrated SOFM and clustering Multiple features	Pentagram Research center, India Hyderabad	February 03-06,2014
2	National Conference on Signal processing & Communications (SPCOM-2005)	Content-based Image and Video Retrieval Techniques and Systems: A Survey	Sreenidhi Institute of science &Technology ,Hyderabad	December 5-6,2005
3	National Conference on Recent Trends in Embedded Systems & Applications NCES-2005	Reconfigurable Pipelined Parallel Bank DSP Architectural model for Video Coding	Sreenidhi Institute of science &Technology. Hyderabad	December 5-6,2005
4	National Conference on Signal processing & Communications (SPCOM-2009)	Medical Image Retrieval Using Intensity Feature Vector	Malla Reddy College of Engg. & Technology, Hyderabad	December 5-6,2009

5	National Conference on Signal processing & Communications (SPCOM-2009)	Different Video Watermarking Techniques and comparative analysis: a Survey	Malla Reddy College of Engg. & Technology, Hyderabad	December 5-6,2009
6	International Conference on emerging trends in Signal Processing and VLSI design	Content Based image retrieval using multiple feature vector	Guru Nanak Engg.College, Hyderabad	11 th to 13 th June 2010
7	International Conference on emerging trends in Signal Processing and VLSI design	Content Based Video Retrieval based on color layout	Guru Nanak Engg.College, Hyderabad	11 th to 13 th June 2010
8	National Conference on Signal processing & Communications (SPCOM-2010)	Video Watermarking in Motion Vector using Temporal Synchronization	Malla Reddy College of Engg. & Technology, Hyderabad	December 23-24,2010
9	National Conference on Signal processing & Communications (SPCOM-2010)	Content-Based Sports Video classification System	Malla Reddy College of Engg. & Technology, Hyderabad	December 23-24,2010
10	International Conference on Computing, Communications ,Systems& Aeronautics- ICCCSA-12	Design of a multicast real time Multimedia Protocol	Malla Reddy College of Engg. & Technology, Hyderabad	March 30-31,2012
11	International Conference on Computing, Communications ,Systems& Aeronautics- ICCCSA-12	Video Classification using Multiple features	Malla Reddy College of Engg. & Technology, Hyderabad	March 30-31,2012
12	National Conference on Signal processing & Communications-System Design(SPCOM-SD-2014)	Boundary Detection in Medical Images using SOM Clustering Method	Malla Reddy Engineering College For Women	January 3 rd -4 th 2014

Contribution to the College/Department at G. Narayanamma Institute of Technology & Science other than teaching

- Staff Club Secretary
- ISO internal auditor [2004-05 & 2005-06]
- PG Coordinator (M.Tech Programs)
- Active Member of Departmental NBA committee
- Coordinator for MOU with 'SANDS' (Embedded based Multinational Company)
- Development of New and Advanced DSP Laboratories
- Faculty Adviser of IETE & ISTE student chapters at GNITS
- Organized two workshops in the area of Digital Image Processing and DSP Processors.
- Course Files and Lab Manuals prepared for subjects handled
- Departmental Advisory Committee Member
- Departmental Purchase Committee Member
- Departmental Library Committee Member
- Time Table Coordinator
- Member of Discipline-cum-Grievance Redressal Committee
- Faculty Adviser of IETE & ISTE student chapters at GNITS
- Active involvement in establishment of all the labs in the Department
- Established DSP lab(UG) and Advanced communication lab(PG)

Contribution to the college/Department at Malla Reddy College of Engineering & Technology other than Teaching

- College NBA convener
- Head of the Department
- Organized three day orientation program to I year students
- Organizing secretary for refresher courses and workshops in the area of Digital Image processing, embedded systems In house workshop on ECE labs and Robotics.
- Established IEEE,ISTE and IETE and professional societies in the college
- Organized Conference in the area of Signal processing and communication-SPCOM-09
- Organized two Student fests named as Anusandhan-09 and Electrosurge-10

- Member of academic committee
- Active role in preparation of AICTE application
- E.C.E Department, Selection committee member in Faculty recruitment drive for Malla Reddy Group of Institutions.
- Institute is certified by the ISO 9001:2008
- Intake increased from 300 to 756
- Introduced M.Tech courses in the institute in the discipline of ECE & CSE.
- Organized more than 100 activities(FDP's, Co-curricular & extra-curricular) during these three years for the benefit of Students& faculty.
- Established CISCO International Certification Authorized center
- Established TCS academic Interface Programme center.
- Worked as Chief superintend for JNTU University examinations during these three years.
- Worked as Chief superintend for EAMCET examinations in the institute.
- Introduced project based training for the students from I year to III year.
- Organized expert lectures for the students from International & National experts.
- Organized special events like Annual day, Engineers day, Sports day, Women's day, Cultural fest & Mathematics day .
- Established all the labs in the college.
- Governing Body Member Secretary
- Member of All Academic & Administrative Committees Exist in the College.

Expert Lectures Delivered: 15 (JNTU, SNIST, GNITS, MRCET, CMRCET,CMRIT, St.Martin's Engg. College, MRIT, etc.,)

Subjects Taught:

UG Level:

- Digital Image Processing
- Digital Signal Processing
- Switching Theory & Logic Design
- Electronic Circuits
- Data Communications

- Signals & Systems
- Computer Organization
- Microprocessors & Interfacing
- Computer Networks

PG Level:

- Microcomputer System Design
- Image Processing

Projects Guided:

More than 50 projects guided both at UG and PG level

Ph.D Scholars:

Registered: 06

Thesis Evaluated:

Quite number of thesis evaluated and appointed as examiner of the same for M.Tech students at JNTU and reputed Institutions at Hyderabad.

Publications:

Inter National Journals:

[1]“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.

[2]“Performance evaluation of Routing Protocol for WCDMA Network” International Journal of Advanced Research in Computer science, vol. 4, No10,ISSN No. 0976-5697 Sep- Oct 2013, pp 219-222.

[3]“comparative Analysis of Queuing mechanism for WCDMA Networks” international Journal of Emerging Trends & Technology in Computer Science(IJETTCS) Vol 2,N0.1, March-April 2013,pp 240-242.

[4] “Congestion Control Mechanism for WCDMA based Wireless Networks” International Research Journal of Computer Science Engineering and Applications (IRJCSEA), Vol. 2 Issue1, ISSN 2319-8672, January 2013, pp 247-254.

[5] “A Survey on WCDMA Scheme for better QOS in Wireless Networks” International Journal of Computer Science and Management Research, (IJCSM) ISSN 2278-733X Vol2, Issue3, March2013, pp 1840-1844.

[6] “Medical Image retrieval using Moments” International Journal of Application or Innovation in Engineering & Management (IJAEM), ISSN 2319-4847, Volume1, Issue2, January 2013.

- [7] "Medical Image Retrieval Using Multiple Features and Clustering Technique" Global Journal of Advanced Engineering Technologies, Vol. 1 - Issue3-2012, ISSN 2277-6370 PP138-142.
- [8] "Medical Image retrieval using LLBP" International journal of Biomedical Signal Processing (IJ BSP), ISSN 0975 -8186 3(1), 2012, pp19-23.
- [9] "Efficient Medical Image Retrieval Using Correlation Coefficient Wavelet Transform" International Journal on computing, communications & systems (IJCCS), ISSN 2277-6699, Volume-1, Number 1, March2012, pp 41-44.
- [10] "Design & Implementation of a Multicast Real Time Multimedia Protocol over H.245", International journal on computing, communications& systems, ISSN 2277-6699, Volume 1 No 1 March – Sep 2012, pp 13-19.
- [11] "Performance analysis of QoS Based Multimedia Real Time Protocol" International Journal of Vomputing. ISSN (online)2230-9039,ISSN(print) 2231-2153, Volume-1, Issue2 April 2011, pp 216-222.
- [12] "A QoS based MAC protocol for wireless Ad hoc network ", International journal of network Security and its applications (IJNSA), ISSN (online) 0974-9330, ISSN (print) 0975-2307,Volume 3, No 2 March 2011 pp.196-210.
- [13] "Content based Video retrieval based on color features" International Journal on computing, communications &systems (IJCCS), ISSN 2277-6699, Volume-1, Number 1, March2012, pp 20-26.
- [14] "A Novel Video Classification Technique using Multiple Features" International Journal of Image Processing and Applications(IJIPA), ISSN No. 0975-8178, Vol.2, No.1 2011,Pages: 47-50.
- [15] "An efficient Admission Control with Adaptive band width Allocation Scheme for WCDMA Network" International Journal of Advanced Research in Computer Science (IJARCS), ISSN No. 0976-5697, volume-2, Number 1,Jan- Feb 2011, pp 314-318.
- [16] "Medical Image retrieval using multiple features" Advances in Computational Sciences and Technologies (ACST), ISSN 0973-6107, Volume-3, Number 3 2010, pp 387-396.
- [17] "Congestion Free Mechanism for Multimedia Services in Distributed Wireless Network", International Journal for Advanced Computing, ISSN 0975-7686, Volume3, Issue1, January 2011, pp 19-24.
- [18] "The imperceptible Video Watermarking Based on Region of Motion Vectors in p-frames" Advances in Computational Sciences and Technologies (ACST) , ISSN 0973-6107, Volume-3, Number 3 2010, pp 335-348.
- [19] "Content Based color Image Retrieval via Wavelet Transforms", International Journal of Computer science and Network Security.ISSN:1738-7906, Volume7, No.12, December 2007, pp:38-44.

[20] "New VLSI Architecture for Motion Estimation Algorithm", International Journal of Computer and Information Science and Engineering, ISSN:1307-4164, Volume 20, April 2007.

[21] "A Precise Content-based Color Image Retrieval: Lifting Scheme", GVIP, International Journal on Graphics, Vision and Image Processing. ISSN (online) 1687- 3998, ISSN (print) 1687-398X, Volume 8, No.1, June, 2008, pp:25-32.

[22] "A High performance Content Based Image Retrieval using Color and Texture Features", Technology Spectrum, Journal of Jawaharlal Nehru Technological University, Volume 1, No.4, November 2007 pp:58-67.

[23] "A Fast and efficient predictive block matching motion estimation", International Journal of Computer science and Network Security.ISSN:1738-7906, IJCSNS, Volume 7, No. 12, DEC 2007.

Inter National/National Conferences:

[1] "A Proactive QoS Routing Protocol for wireless Ad-hoc Network" IEEE International conference on Computational Intelligence & Computing Research (IEEEICCCIC2011),Cap Institute of Technology, Levingipuram, Kanya kumari, India Dec 15 to17 2011. IEEE Xplore: CFB1120J-ART, ISBN:978-1-61284-694-1

[2] "A Novel Video Classification Technique using Multiple Features" "International Conference on Communication and signal processing ICCOS 2011, Karunya University, Coimbatore, March2011 ,Pages: 739-742.

[3] "Video Watermarking based on motion vectors of H.264" Inter National Conference (INDICON), 2011, Annual IEEE, Issue Date. December 16-18, 2011 on page(s), 1-4, Hyderabad, India, ISBN: 978-1-4577-1110-7.

[4] "Efficient Medical Image Retrieval Using Pyramidal Structure Wavelet Transform" International Conference on Computing, Communications, systems and Aeronautics, (ICCCSA-2012), March30-31, 2012, pp34-37, Hyderabad, India, ISBN: 978-81-921580-8-2.

[5] "Relevance Feedback Content Based Image Retrieval Using Multiple Features" 2010 IEEE International conference on computational intelligence and computing research, 28th -29th Dec 2010 at Tamilnadu College of engineering, Coimbatore.

[6] "Quality of Service Oriented Multimedia Protocol for Wireless Ad-hoc Network" 1st International Conference on Mobile & Internet Devices (ICMID 2010), GRIET, Hyderabad (A.P),India Dec 17th& 18th, 2010.

[7] "Content Based image Retrieval based on relevance feedback", International Conference on emerging trends in Signal Processing and VLSI design 2010, 10th to 13th June 2010, GNEC, Hyderabad.

- [8] "Content Based Video Retrieval based on RGB color features", International Conference on emerging trends in Signal Processing and VLSI design 2010, 10th to 13th June 2010, GNEC, Hyderabad.
- [9] "Rotation and Translation Invariant Content based Color Image Retrieval", 11th World Multi conference on Systemics, Cybernetics and Informatics (WMSCI 2007), Orlando, USA, July 8-11, 2007.
- [10] "A Novel Content Based Image Retrieval System using Multiple Features", International Conference on Sensors, Signal Processing, Control and Instrumentation, SSPCCIN-2008, Pune, India, January 3-5, 2008.
- [11] "Content Based Image Retrieval: Wavelets, "International Conference, SPIT-IEEE colloquium-2008, Mumbai, India, Feb 4-5,2008.
- [12] "Content Based Image Retrieval: Color Images", International Conference on RF and Signal Processing Systems, RSPS-2008, Vaddeswaram, India, Feb 1-2 ,2008.
- [13] "Content-based Image and Video Retrieval Techniques and Systems: A Survey", Proceeding of National Conference on SPCOM-2005, December 5-6, 2005, Hyderabad, INDIA.
- [14] "A Reconfigurable Pipelined Parallel Bank DSP Architectural model for Video Coding", National Conference on Recent Trends in Embedded Systems & Applications, pp. 111-114, NCES-2005, Hyderabad, India, November-2005.
- [15] "A Novel Shape Feature Extraction for Color CBIR System", 8th National Conference on Technology Trends, NCTT 2007, Trivendram, India, 30th November and 1st December 2007.
- [16] "Enabling Multimedia Applications In Third Generation (3G) Wireless Terminals", National Conference on VLSI and Embedded Systems, June 29-30 2009, Hyderabad, India.
- [17] "Blur Identification Using Neural Networks for Image Restoration", Proceeding of National Conference on Advances in Communication Technologies (NCACT-09), July 3-4, 2009, SNIST, Hyderabad, pp: 16-19.
- [18] "Medical Image Retrieval Using Intensity Feature Vector", National Conference on Signal Processing and communication"SPCOM-09, December 4-5, 2009, Hyderabad, India.
- [19] "Medical Image Segmentation Using D4 Wavelet Algorithm", National Conference on Signal Processing and communication"SPCOM-09, December 4-5, 2009, Hyderabad, India.
- [20] "Different Video Watermarking Techniques and Comparative Analysis: a Survey "National Conference on Signal Processing and Communication" SPCOM-09, December 4-5, 2009, Hyderabad, India.
- [21] "HMM Based Video Classification Using Multiple Features" National Conference on Signal Processing and Communication SPCOM-09, December 4-5, 2009, Hyderabad, India.

- [22] "Design and Implementation of a multicast real time Multimedia Protocol over H.245" National Conference on "Signal Processing and communication" SPCOM-09, December 4-5,2009, Hyderabad, India.
- [23] "Content Based Video Retrieval based on RGB color features", National Conference on "Signal Processing and Communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 50-53.
- [24] "An Advance Threshold Buffer Allocation Scheme For Wireless Networks", National Conference on Signal Processing and communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 22-26.
- [25] "Content based Image Retrieval using Different Relevance Feed Back-A Survey", National Conference on Signal Processing and communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 40-49.
- [26] "Video Watermarking in Motion Vector using Temporal Synchronization", National Conference on Signal Processing and communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 185-190.
- [27] "Content-Based Sports Video Classification System", National Conference on Signal Processing and communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 201-203.
- [28] "Video watermarking Technique Based on DWT-SVD", National Conference on Signal Processing and communication" SPCOM-10, December 23-24, 2010, Hyderabad, India, pp 217-221.
- [29] "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.
- [30] "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.
- [31] "The Imperceptible Video Watermarking Based on Region of Motion Vectors in P-frames", National Conference on Signal Processing and Communications –System Design (SPCOM-SD 2014) , Hyderabad, Volume 1, during 3rd -4th January 2014,pp 51-57.
- [32] "Reliable Congestion Control Mechanism for Wireless Communication" in National Conference on Signal Processing and Communications –System Design (SPCOM-SD 2014), Hyderabad, Volume 1, during 3rd -4th January, 2014, pp 64-69.
- [33] "Content Based Video Retrieval System Using Color Strings Comparison" , National Conference on Signal Processing and Communications –System Design (SPCOM-SD 2014), Hyderabad, during 3rd -4th ,Volume 1, January 2014, pp 83-86.

[34] “CBMIR Based on Integrated SOFM and Clustering Multiple Features”, International conference on systemic, cybernetics & Informatics (ICSCI-2014), RCI, Hyderabad ,during 3rd -6th February ,2014.

[35] “Silhouette Extraction of a Human Body Based On Fusion of Hog and Graph-Cut Segmentation in Dynamic Backgrounds” International Conference on Recent Trends in Communication and Computer Networks - ComNet 2013, during 8th -9th November , 2013, Hyderabad, pp 164-168.

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