

RESUME

Dr. MADHAVEE LATHA YARATHA

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

Principal & Professor of ECE

Malla Reddy Engineering College for Women

Autonomous Institution, JNT University, Hyderabad.

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:

Multimedia Signal Processing & Communication.

Experience:

Total of 22 years experience at various levels of Academic and Administrative Positions.

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

Honors and Awards:

- **India’s 20 women Pragmatic Women Leaders in Education Industry 2021**
- **“Most Innovative Principal-Engineering Colleges in Telangana State Award”** received from International Education Awards, Time Cyber Media Pvt.Ltd.
- **“Best Principal Award for Excellence in Education”** received from Global Leader Foundation.
- **“Women in Education Award”** received from Dewang Mehta National Educational Awards for being the inspiring woman in education.
- **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 Programme** (84%), JNT University College of Engineering, Hyderabad, India.
- **Board of Studies member** for various Engineering Colleges
- **Academic Council Member** for various Engineering Colleges
- **Acted as NAAC Assessor** for various Engineering Colleges
- **Acted as Guest Editor** in International Journal of Pure and Applied Mathematics (IJPAM)
- Reviewer of Journal of Electrical and Electronics Engineering Research.
- Editor-in-Chief for International Journal of Research in Signal Processing, Computing and Communication-System Design (IJRSCSD) with an ISSN:2395-3187.
- Reviewer of International Journal on computing, communications and systems.

Patent Right Received:

For Technological Innovation –

1. An Arrangement for Cultivation in a Chamber Using Fuzzy Logic Wind Intelligence Technology.
2. Smart Door Locking System
3. A Vehicle with Smart Biometric Device
4. System to Generate Electricity by Establishing a Direct Connection with Transmission Network
5. Function Generator to Generate a Plurality of Electrical Waveforms
6. Optimized Electric Motor
7. Recharge field of E-Vehicle
8. Optimized Projector
9. Super Multi Wireless Charger
10. Remote Adjustable TV Mount

Funding Projects/Seminar Grants Sanctioned:

- AQIS Funding Scheme (1-3561528634)-SPDP-Skill and Personality Development Programme Centre for SC/ST Students –Amount Rs **25,00,000/-**.
- AICTE Sponsored Two Week Faculty Development Programme on “Speech, Image & Video Processing Techniques, Analysis & Applications”-Amount Rs **6,16,500**

Professional Bodies Membership:

- Member of IEEE

- Life Member of IETE
- Life Member of ISTE
- Member of CSI

Contribution to Professional Bodies:

- Established IEEE,IETE,ISTE ,CSI& HMA Student chapters inMRECW
- Student counselor of IEEE student chapter atMRCET.
- Student adviser of ISTE student chapter atMRCET
- Faculty Adviser of IETE & ISTE student chapters atGNITS

Books published:

- Signal Processing Simulation using MATLAB (SCITECH PublicationsPVT.LTD.)
- Optical Fiber Communication (SIRI Publisher and Distributer PVT Ltd.)
- Pulse and Digital Circuits(SIRI Publisher and Distributer PVT Ltd.)

Invited lectures/National/International Conferences/Symposia Session Chair/Key NoteAddress:

-

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
----	----------	--	---	----------	----------

Faculty Development Programmes Organized:

Conferences (Convener/Coordinator/Organizing secretary):

S.No	Title of the Event	Period (INSTITUTE)
1	5 th International Conference on “ Signal Processing, Communications and System Design” (ICSPCOMSD- 19)	January 23 rd -24 th ,2021
2	5 th International Conference on Technical Advancements in “Computer Science and Engineering”(ICTACSE-19)	January 23 rd -24 th ,2021
3	5 th International Conference on Emerging Trends in “Electrical Systems & Engineering” (ICETESE-19)	January 23 rd -24 th ,2021
4	5 th International Conference on “Emerging Strategies for Business Advancements” (ICESBA-19)	January 23 rd -24 th ,2021
5	5 th International Conference on “ Signal Processing, Communications and System Design” (ICSPCOMSD- 19)	December 6-7, 2019 (MRECW)
6	5 th International Conference on Technical Advancements in “Computer Science and Engineering”(ICTACSE-19)	December 6-7, 2019 (MRECW)
7	5 th International Conference on Emerging Trends in “Electrical Systems & Engineering” (ICETESE-19)	December 6-7, 2019 (MRECW)
8	5 th International Conference on “Emerging Strategies for Business Advancements” (ICESBA-19)	December 6-7, 2019 (MRECW)
9	4 th International Conference on “ Signal Processing, Communications and System Design” (ICSPCOMSD- 2019)	February 8-9, 2019 (MRECW)
10	4 th International Conference on Technical Advancements in “Computer Science and Engineering”(ICTACSE-2019)	February 8-9, 2019 (MRECW)
11	4 th International Conference on Emerging Trends in “Electrical	February 8-9, 2019

	Systems & Engineering” (ICETESE-2019)	(MRECW)
12	4 th International Conference on “Emerging Strategies for Business Advancements” (ICESBA-2019)	February 8-9, 2019 (MRECW)
13	3 rd Inter National Conference on Signal Processing and Communications-System Design [ICSPCOM –SD 2018]	February 2-3, 2018 (MRECW)
14	3 rd Inter National Conference on Technical Advancements in Computer Science and Engineering [ICTACSE- 2018]	February 2-3, 2018 (MRECW)
15	3 rd Inter National Conference on Emerging Trends in Electrical Systems and Engineering [ICETESE – 2018]	February 2-3, 2018 (MRECW)
16	3 rd International Conference on Emerging Strategies for Business Advancements (ICESBA-2018)	February 2-3, 2018 (MRECW)
17	2 nd Inter National Conference on Signal Processing and Communications-System Design [ICSPCOM –SD 2016]	July 15-16, 2016 (MRECW)
18	2 nd Inter National Conference on Technical Advancements in Computer Science and Engineering [ICTACSE- 2016]	July 15-16, 2016 (MRECW)
19	2 nd Inter National Conference on Emerging Trends in Electrical Systems and Engineering [ICETESE – 2016]	July 15-16, 2016 (MRECW)
20	2 nd International Conference on Emerging Strategies for Business Advancements (ICESBA-2016)	July 15-16, 2016 (MRECW)
21	Inter National Conference on Signal Processing and Communications-System Design [ICSPCOM –SD 2015]	July 3-4,2015 (MRECW)
22	Inter National Conference on Technical Advancements in Computer Science and Engineering [ICTACSE- 2015]	July 3-4,2015 (MRECW)
23	Inter National Conference on Emerging Trends in Electrical Systems and Engineering [[ICETESE – 2015]	July 3-4,2015 (MRECW)
24	International Conference on Emerging Strategies for Business Advancements (ICESBA-2015)	July 3-4,2015 (MRECW)
25	National Conference on Signal Processing and Communications-System Design [SPCOM –SD 2014]	Jan 3 -4 ,2014 (MRECW)
26	National Conference on Technical Advancements in Computer Science and Engineering [NCTACSE- 2014]	Jan 3 -4 ,2014 (MRECW)

27	National Conference on Emerging Trends in Electrical Systems and Engineering [NCEESE – 2014]	Jan 3 -4 ,2014 (MRECW)
28	International Conference on Earth Sciences and Engineering – (ICEEE-2010)	August 21, 2010 (MRECW)
29	National conference on” Signal Processing and Communications”	Dec 4 -5, 2009 (MRCET)

Workshops/Refresher Courses Organized (Faculty Development Programmes) as (Convener /Coordinator/Organizingsecretary):

S.No	Title of the Event	Period (INSTITUTE)
1.	One week refresher Course on Problem solving Through Programming Languages	24 th - 29 th June 2019. (MRECW)
2.	Refresher Course on Programming for Problem Solving	17 th -22 nd December, 2018 (MRECW)
3.	Faculty Development Programme on SCILAB Programming NITTTR, Chandigarh	14 th -18 th May, 2018
4.	Two days workshop on Research Process Flow and Implementation Mechanism-A Thought Process	10 th & 11 th May, 2018. (MRECW)
5.	Faculty Development Program on “Effective Teaching Techniques	19 th &20 th December 2018 (MRECW)
6.	Faculty Development Program on Innovative Methods for Effective Teaching	13 th December, 2017
7.	AICTE Sponsored Two Week Faculty Development Programme on “Speech, Image & Video Processing Techniques, Analysis & Applications”	6 th -18 th November, 2017
8.	Faculty Development Programme on Open Source Technologies in association withNITTTR	13 th -17 th November, 2017
9.	Faculty Development Programme on Cloud Computing in association with NITTTR	23 rd -27 th October, 2017
10.	Faculty Development Program on Application Oriented Teaching methodologies	3 rd -5 th July, 2017 (MRECW)
11.	Workshop on Research Methodologies	22 nd April, 2017 (MRECW)
12.	Workshop on Teaching Mythologies	5 th -6 th June, 2017 (MRECW)
13.	One Week Faculty Development Programme on “Artificial Neural Network & Fuzzy Logic Through ICT Of Aview” in association with NITTTR, Chandigarah.	24 th -29 th April,2017 (MRECW)
14.	One Week Faculty Development Training Programme on "Cloud Computing" organized by NationalInstitute Technical Teachers Training & Research	5 th - 9 th December, 2016 (MRECW)

15.	Two Weeks Faculty Development Programme in "Entrepreneurship" organized in association with EDC CELL, JNTUH	14 th - 28 th December, 2016 (MRECW)
16.	One Week Faculty Development Training Programme on Application Oriented Teaching Methodologies"	22 nd - 28 th November, 2016 (MRECW)
17.	One week Faculty Development Programme on "Effective Teaching Methodologies for Engineering Education"	1 st - 5 th November, 2016 (MRECW)
18.	Faculty Development Programme on "Web Content Development Using Moodle" organized by National Institute of Technical Teachers Training & Research	3 rd - 7 th October, 2016 (MRECW)
19.	One Week Refresher Course on "VLSI & Embedded Systems" organized by the Dept. of ECE	22 nd - 28 th June, 2016 (MRECW)
20.	One Week Refresher Course on "Power Systems & Power Electronics" organized by the Dept. of EEE	22 nd - 28 th June, 2016 (MRECW)
21.	One Week Refresher Course on "C & Data Structures" organized by the Dept. of CSE & IT	22 nd - 28 th June, 2016. (MRECW)
22.	Faculty Development Programme on "LAMP Products" organized by the Department of CSE	23 rd to 27 th , November 2015 (MRECW)
23.	Faculty Development Programme on "Sim Power Systems"	23 rd - 27 th , November 2015 (MRECW)
24.	"Planning Research Methods & Technologies Leading to Doctoral Level"	25 th November, 2014. (MRECW)
25.	Faculty Development Program on "Research Issues in Electrical Power Systems & Power Electronics"	27 th & 28 th June 2014 (MRECW)
26.	Faculty Development Program on "VLSI Design using CADENCE TOOLS"	27 th & 28 th June 2014 (MRECW)
27.	Faculty Development Program on "Linux Internals"	27 th & 28 th June 2014 (MRECW)
28.	One Week Refresher Course on "ANALOG AND DIGITAL COMMUNICATION "	17 th - 21 st June, 2013 (MRECW)
29.	One Week AICTE Sponsored National Work Shop on Cloud Computing	Nov 25 th - 29 th , 2013 (MRECW)
30.	One Week Refresher Course on "Power Systems & Power Electronic Drives"	17 th - 21 st June, 2013 (MRECW)
31.	Two Day Workshop on "Programmable System On Chip Mixed Signal Microcontroller	23 rd June 2012 (MRECW)
32.	Three Day Workshops on "Analog and Digital Design using cadence tools"	5 th - 7 th July 2012 (MRECW)
33.	National Level Workshop on Competency Skills For Library Professionals	May 6-7, 2011 (MRECW)
34.	Effective Communication Skills workshop	7 th January, 2011 (MRECW)

35.	Refresher course on “Digital Image Processing and its Applications”	July 2-10, 2009 (MRCET)
36.	Three day work shop on Embedded systems and Protocols	December 7th -9th, 2009 (MRCET)
37.	Three day work shop on Robotics	April ,6th -8th, 2010 (MRCET)
38.	In house workshop on ECE labs	April 20th -May 5th, 2009(MRCET)
39.	Three Day Workshop on DSP Processors	June 27th -29th, 2005 (GNITS)
40.	Three Day Workshop on Digital Image Processing	December 1st -3rd, 2005 (GNITS)

**Student Conferences/Workshops/Symposiums/Training Programs Organized:
(Convener /Coordinator/Organizingsecretary):**

S.No	Title of the Event	Period (INSTITUTE)
1.	Microsoft Hackathon Programme	22 nd to 23 rd July,2019
2.	Microsoft Certification Training Programme	1 st to 6 th July,2019
3.	Workshop on Python for II CSE&IT students	1 st to 6 th July,2019
4.	Workshop on French Language for II ECE&EEE students	1 st to 6 th July,2019
5.	Idea presentations on Real time problems for III B.Tech Students	16 th Septmber,2019
6.	Idea presentations on Role of Engineer in society for I&II B.Tech Students.	16 th Septmber,2019
7.	Cisco Networking Module-1 Training Programme for II B.Tech Students	1 st to 15 th July, 2019
8.	Personality Development Programme by Yandamuri Verandranath for II B.Tech Students	17th August, 2019.
9.	Robotics Training Programme Module-1	5 th & 7 th September,2019
10.	MEDHA -2K19 State Level Symposium	31st August 2019
11.	Code Contest on C for II & III B.Tech Students.	30 th September,2019
12.	Intra college Conference on Emerging Technologies in CSE,ECE,EEE,IT for III B.Tech Students	2 nd November,2019
13.	Personality Development programme by Dr. BV Pattabhiram, world renowned Psychiatrist for I B.Tech Students	3 rd August, 2019
14.	Personality Development programme by Prof. ML Sai Kumar, former Dean, IPE for I B.Tech Students	5 th August, 2019
15.	Poster presentation competition on Eminent Women Personalities for I B.Tech Students	6 th August, 2019

16.	Career orientation programme by Mr Manas Mishra for I B.Tech Students	6 th August, 2019
17.	Soft skills training by Mr. Raghu for I B.Tech Students	8 th August, 2019
18.	Career orientation programme by Mr Vineet Gupta, founder & Trustee, Ashok University for I B.Tech Students	9 th August, 2019
19.	Paper presentation on recent trends in technology in CSE, IT, ECE and EEE for I B.Tech Students	30 th August, 2019.
20.	Workshop on R-Programming for IV ECE and EEE Students	23 rd to 24 th April, 2019
21.	Two days workshop on Block Chain Technology	19 th and 20 th March 2019
22.	Workshop on Java Programming for IV Year ECE Students	21st to 26 th Feb, 2019
23.	Safe Women Hackaton in association with JNTU J-Hub	11 th and 12 th January 2019
24.	Workshop on Android App Development	9 th January 2019
25.	Two Day Workshop on French Language for I year B.Tech Students	25 th & 26 th November, 2018
26.	Code Contest On 'C' Organizing Under CSI Student Chapter for II & III Year B.Tech Students.	13th October, 2018
27.	Software Hackathon Exhibition-2018 for II ,III,IV Year B.Tech Students	6th October 2018
28.	Lecture on Programming Skills by Mr.Sai Kumar for III year B.Tech Students.	7th September 2018
29.	Two day workshop on R-Programming for III year B.Tech Students	20th & 21st August 2018
30.	Microsoft Certification Training Programme for III B.Tech Students	2 nd to 7 th July 2018
31.	Two days Microsoft Hackathon Program for III Year B.Tech Students	11 th & 12 th July, 2018
32.	One week CISCO Networking Training Programme for II year B.Tech students.	25 th to 31 st June, 2018
33.	TECHNO VISION -2K18-State Level Project Expo for Inspiring Innovation	29th March, 2018
34.	Workshop on R Programming for III & IV Year B.Tech Students	6th to 30th March, 2018
35.	Workshop on Java Programming for IV Year ECE Students	6th to 17 th March, 2018
36.	Workshop on MATLAB for I B.Tech Students	19th February to 1 st March, 2018
37.	Workshop on ROBOTICS for I B.Tech Students	19th February to 1st March, 2018
38.	SOFTWARE HACKATHON for II & III Year Students	16th to 21st February, 2018

39.	Workshop on Robotics for II ECE students	18th & 19th January, 2018
40.	Future Sastra-2k18,National Level Technical Symposium	6th & 7th January, 2018
41.	Workshop on Robotics for II ECE students	2nd to 5th January, 2018
42.	Certification Programme on Robotics for III Year B.Tech Students	4th to 16th December, 2017
43.	Workshop on Robotics for II ECE & EEE Students	23rd October to 3rd November, 2017
44.	Workshop on Python for II B.Tech Students	9th to 21st October, 2017
45.	Students Conference for I Year B.TECH Students	14th October, 2017
46.	Robotics Level-1 Training Programme	4th to 8th October, 2017
47.	Medha-2k17, State Level Technical Symposium	19th August, 2017
48.	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for II&III Year B.TECH Students	29th July, 2017
49.	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for II&III Year B.TECH Students	29th July, 2017
50.	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for II&III Year B.TECH Students	29th July, 2017
51.	Intra College Conferences on “Emerging Trends in Information Technology” for II&III Year B.TECH Students	29th July, 2017
52.	MEDHA-2017 State Level Technical Symposium	19th August, 2017
53.	Intra College Conferences on “Technological Innovations in ECE, EEE, CSE & IT” for II & III Year B.Tech Students	24th February, 2017
54.	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for I Year B.TECH Students	21st February, 2017
55.	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for I Year B.TECH Students	21st February, 2017
56.	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for I Year B.TECH Students	21st February, 2017
57.	Intra College Conferences on “Emerging Trends in Information Technology” for I Year B.TECH Students	21st February, 2017

58.	FUTURE SASTRA – 2K17 - National Level Technical Symposium	7 th & 8 th January, 2017
59.	"Intra College Conference " for I Year B.Tech Students	28 th October, 2016
60.	Intra College Conference on Signal Processing Communication and System Design for II Year ECE Students	17 th September, 2016
61.	Intra college Conference on “Emerging Trends In Electrical Systems & Engineering” for II YearEEE Students	17 th September, 2016
62.	Intra college Conference on “Technical Advancements In Computer Science And Engineering” for II Year CSE & IT Students	17 th September, 2016
63.	Intra College Conference on Signal Processing Communication and System Design for III Year ECE Students	3 rd September, 2016
64.	Intra college Conference on “Emerging Trends In Electrical Systems & Engineering” for III Year EEE Students on 3 rd September, 2016	3 rd September, 2016
65.	Intra college Conference on “Technical Advancements in Computer Science and Engineering” for III Year CSE & IT Students	3 rd September, 2016
66.	TECH XPLORE-2K16 - Intra College Technical Symposium Department of CSE & IT	10 th September, 2016
67.	TECH XTREME-2K16 - Intra College Technical Symposium Department of ECE	10 th September, 2016
68.	SYNCHRO-2K16- Intra College Technical Symposium Department of EEE	10 th September, 2016
69.	TECHDELIGHT-2K16- organized for I Year B. Tech Students	10 th September, 2016
70.	FUTURE SASTRA – 2K15 - National Level Technical Symposium	30 th -31 st January, 2015
71.	MEDHA –2K15 - State Level Technical Symposium	12 th September, 2015
72.	Intra College Conferences on “Emerging Trends in Computer Science & Engineering”	24 th -25 th July, 2015
73.	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering”	24 th -25 th July, 2015

74.	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering”	24 th -25 th July, 2015
75.	Intra College Conferences on “Emerging Trends in Information Technology” for I Year B.TECH Students	24 th -25 th July, 2015
76.	TECHNOVA-2K15 - organized under ISTE Student Chapter	7 th November, 2015
77.	FUTURE SASTRA – 2K15-16 - National Level Technical Symposium	18 th -19 th December, 2015
78.	ELITE – 2015 - Management Fest for MBA students	18 th -19 th December, 2015
79.	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
80.	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
81.	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
82.	Intra College Conferences on “Emerging Trends in Information Technology” for II&III Year B.TECH Students	17 th & 18 th October, 2014
83.	TECH XPLORE-2K16 - Intra College Technical Symposium Department of CSE & IT	8 th November, 2014
84.	TECH XTREME-2K16 - Intra College Technical Symposium Department of ECE	8 th November, 2014
85.	SYNCHRO-2K16- Intra College Technical Symposium Department of EEE	8 th November, 2014
86.	Two day workshop on "SIM POWER SYSTEMS" for B.Tech III year EEE students.	28 th Feb-1 st March, 2014
87.	Two day workshop on "ROBOTICS"& " ETHICAL HACKING" for B.Tech III year ECE & CSE students.	21 st -22 nd Feb, 2014
88.	Future Sastra-2k14: National Level Technical Symposium.	31 st Jan- 1 st -Feb, 2014
89.	Work shop on Digital circuit Design Using OSCAD	23 rd -24 th December, 2014
90.	Work Shop on ARM Processor-IV Students	13 th -14 th December, 2014
91.	Tech Delight -2013-I year Student Fest	27 th Nov, 2013

92.	Rally on Save India from Financial crisis	4 th Sep, 2013
93.	MEDHA-2013 State Level Technical Symposium	July 27 th , 2013
94.	Student Conferences on "SYSTEMS, SIGNAL Processing & Communication", "Networks, Security & Data Management" & "Power System Applications"	13th July, 2013
95.	FUTURE SASTRA – 2013” : National Level Technical Symposium.	22nd -23rd Feb, 2013
96.	PRAGYA – 2013 –Intra College Technical Symposium	2nd to 4th Feb, 2013
97.	Three Day Workshops On “Robotics”, “Recent Trends in Electrical Engineering”, “Web Designing & Applications” & “Circuit Designing & Implementation Using PCB”	6 th - 12 th , Sep 2012 (MRECW)
98.	ELITE” – A Management Fest	20 th Dec, 2012 (MRECW)
99.	"MEDHA – 2012" State Level Technical Symposium	21 st July, 2012 (MRECW)
100.	Three Day Workshops on” Android Applications”	30 th -3 rd Dec, 2011
101.	National Level Technical Symposium (FUTURE SASTRA -2010-2013)Three years	January 20-21, 2012 (MRECW)
102.	National Level Workshop on Competency Skills For Library Professionals	May 6-7, 2011 (MRECW)
103.	Intra college Technical Conference (Techno vision)	14 th November, 2011 (MRECW)
104.	Effective Communication Skills workshop	7 th January, 2011
105.	Embedded Systems using 32- Bit Processor	October 7 -8, 2010 (MRECW)
106.	Electosurge-10-National Level Symposium	April, 3 rd -4 th , 2010 (MRCET)
107.	Ervena-07-Intra College Fest	October 10 th , 2007 (GNITS)
108.	National Level student Fest	February 21 st – 22 nd , 2008 (GNITS)

Workshops /Refresher Courses Attended:

S.No	Title of the Course	Organization	Period
------	---------------------	--------------	--------

1.	Faculty Development Programme on SCILAB Programming NITTTTR	Organized by NITTTTR, Chandigarh in mrecw	14 th -18 th May, 2018
2.	Two days workshop on Research Process Flow and Implementation Mechanism-A Thought Process	MRECW, Hyderabad	10 th & 11 th May, 2018.
3.	Faculty Development Program on "Effective Teaching Techniques"	MRECW, Hyderabad	19 th & 20 th December 2018
4.	One Week Faculty Development Programme On "Artificial Neural Network & Fuzzy Logic Through ICT Of Aview" in association with NITTTTR.	Organized by NITTTTR, Chandigarh in mrecw	24 th -29 th April, 2017
5.	One Week Faculty Development Training Programme on "Cloud Computing"	Organized by National Institute Technical Teachers Training & Research in MRECW, Hyderabad	5 th - 9 th December, 2016
6.	Faculty Development Program on Application Oriented Teaching methodologies	MRECW, Hyderabad	3 rd -5 th July 2017
7.	Workshop on Research Methodologies	MRECW, Hyderabad	22 nd April 2017
8.	Workshop on Teaching Methodologies	MRECW, Hyderabad	5 th -6 th June 2017
9.	Two Weeks Faculty Development Programme in "Entrepreneurship"	organized in association with EDC CELL, JNTUH in MRECW, Hyderabad	14 th - 28 th December, 2016
10.	One Week Faculty Development Training Programme on "Application Oriented Teaching Methodologies"	MRECW, Hyderabad	22 nd - 28 th November, 2016

11.	Two Week ISTE STTP on CMOS, Mixed Signal and Radio Frequency VLSI Design.	IIT Kharagpur under the National Mission on Education Through ICT (MHRD, Govt of INDIA)	Jan 30 th -04 th Feb, 2016
12.	One week Faculty Development Programme on "Effective Teaching Methodologies for Engineering Education"	MRECW, Hyderabad	1 st -5 th November, 2016
13.	Faculty Development Programme on "Web Content Development Using Moodle"	Organized by National Institute of Technical Teachers Training & Research in MRECW, Hyderabad	3 rd -7 th October, 2016

14.	One Week Refresher Course on "VLSI & Embedded Systems" organized by the Dept. of ECE	MRECW,Hyderabad	22 nd - 28 th June, 2016
15.	One Week Refresher Course on "Power Systems & Power Electronics" organized by the Dept. of EEE	MRECW,Hyderabad	22 nd - 28 th June, 2016
16.	One Week Refresher Course on "C & Data Structures" organized by the Dept. of CSE & IT	MRECW,Hyderabad	22 nd - 28 th June, 2016
17.	Faculty Development Programme on "LAMP Products" organized by the Department of CSE	MRECW,Hyderabad	22 nd - 28 th June, 2016.
18.	Faculty Development Programme on "Sim Power Systems"	MRECW,Hyderabad	23 rd to 27 th , November 2015
19.	"Planning Research Methods & Technologies Leading to Doctoral Level"	MRECW,Hyderabad	25 th November, 2014.
20.	Faculty Development Program on "Research Issues in Electrical Power Systems & Power Electronics"	MRECW,Hyderabad	27 th & 28 th June 2014
21.	Faculty Development Program on "VLSI Design using CADENCE TOOLS"	MRECW,Hyderabad	27 th & 28 th June 2014
22.	Faculty Development Program on "Linux Internals"	MRECW,Hyderabad	27 th & 28 th June 2014
23.	One Week AICTE Sponsored National Work Shop on Cloud Computing	MRECW,Hyderabad	Nov 25 th -29 th , 2013
24.	One Week Refresher Course on "Power Systems & Power Electronic Drives"	MRECW,Hyderabad	17 th - 21 st June, 2013
25.	Two Week ISTE STTP on Introduction to Design of Algorithms	IIT BOMBAY National Mission on Education Through ICT(MHRD, Govt of INDIA)	May 25 th -30 th , 2015
26.	Two week ISTE Workshop on Analog Electronics	IIT Kharagpur under the National Mission on Education Through ICT(MHRD, Govt of INDIA)	Jan 2 nd -12 th , 2014

27.	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
28.	One Week Refresher Course on "Analog and Digital Communication ”	MRECW,Hyderabad	June 17 th - 21 st , 2013
29.	Computer Networking And ATM Networks	GNITS, Hyderabad	Feb 20-21, 2004
30.	Digital Signal Processing	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 17– Dec 07, 2004
31.	AICTE-ISTE Internetworking	JNTU College of Engg. Hyderabad	Jan 21 –Feb 02, 2002
32.	VLSI Design	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 13–Dec 03, 2002
33.	DSP Processors & Applications	OU College of Engg. Hyderabad	Nov 23 – 27, 2003
34.	Digital Signal Processing & DSP Processors	OU College of Engg. Hyderabad	Aug 18-22, 2001

Contribution to the Malla Reddy Engg. College for Women:

- Achieved Autonomous Status, UGC, Govt. of India
- Achieved NIRF India Ranking-2018 & 2020 Accepted by MHRD, Govt. of India, in the Rank Band of 151-200.
- Achieved NBA Accreditation for the Departments.
- Achieved NAAC Accreditation with ‘A’ Grade.
- Achieved ISO 9001:2015 Certification to the College.
- Achieved Permanently Affiliated to JNTUH.
- Achieved 2(f) & 12(B) Recognized under UGC Act 1956.
- Achieved “Best College of the Year-2019” from Education Matters.
- Achieved “College of The Year-2017 Award” from Silicon India Education.
- Achieved “Best Engineering College in Telangana & A.P. Award” from International Education Awards, Time Cyber Media Pvt.Ltd.
- Achieved “Education Leadership Award” from Dewang Mehta National Education Awards.

- Achieved “Engineering Educators Award” from University of Bradford, U.K. Established all Laboratories, Professional Chapters and Center of Excellences.
- Achieved ranking in Top 100 institutions in Atal Ranking of Institutions on Innovation Achievements (ARIIA), MHRD, Govt. of India.
- Achieved Platinum Rated by AICTE-CII Survey of Industry Linked Technical Institutes-2018
- Achieved AAA+ Rated by Careers 360 Magazine
- Achieved AAAA+ Rated by Digital Learning Magazine
- Achieved 6th Rank among the Outstanding Engineering Colleges of Excellence - CSR-2019.
- Achieved ranking in Top 100 institutions in the country – Outlook Magazine.
- Achieved ranking in Top 100 institutions in the country – Times News Magazine.
- Established Various Academic & Administrative Committees in the college.
- Organized International & National Conferences/Refresher Courses/Workshops.
- Organized Various Student Development Programmes.

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 atGNITS
- Active involvement in establishment of all the labs in theDepartment
- Established DSP lab(UG) and Advanced communicationlab(PG)

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

- College NBA convener
- Head of theDepartment
- Organized three day orientation program to I yearstudents
- Organizing secretary for refresher courses and workshops in the area of Digital Image processing, embedded systems In house workshop on ECE labs andRobotics.
- 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 academiccommittee
- Active role in preparation of AICTEapplication
- E.C.E Department, Selection committee member in Faculty recruitment drive for Malla Reddy Group ofInstitutions.
- Institute is certified by the ISO9001:2008
- Intake increased from 300 to756
- 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 Authorizedcenter
- Established TCS academic Interface Programmecenter.
- Worked as Chief superintend for JNTU University examinations during these threeyears.
- 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 thecollege.
- Governing Body MemberSecretary
- Member of All Academic & Administrative Committees Exist in the College.

Expert Lectures Delivered: 25 (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 100 projects guided both at UG and PG level

Ph.D Scholars:

Registered: 08

Completed: 04

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.

International Journals:

1. **“Multi- Document Abstractive Text summarization through semantic similarity Matrix for Telugu language”**., International Journal of Advanced science and Technology., vol. 29, No.1, (2020),pp. 513-521
2. **“Multi-Document Abstractive Text Summarization using Rucursive Neural Network”**, International Journal of Innovative Technology and Exploring Engineering(IJITEE) ISSN : 2278-3075, Vol-9 Issue -7, May 2020, Retrieval number 65274059720/2020, DOI : 10.35940/ijaitee.

3. **“An Improved text classification for Unstructured Document”**, Journal of Emerging Technologies and Innovative Research.,2019 vol. 6 issue 6.
4. **“Multi – Spectral Fusion based scene text Detection in Video Images”**, Journal of Emerging Technologies and Innovative Research, 2019, Vol.6, issue.1
5. **“Document summarization for Telugu news Articles”**, Journal of Emerging Technologies and Innovative Research 2019.,vol. 6 , issue 5
6. **“Text summarization using Artificial Neural network with back propagation in Telugu e-Newspapers.”**, International journal of Research in Electronics and Computer Engineering.,2019, Vol. 7, Issue 1.
7. **“Multi – Spectral Fusion based scene text Detection in Video Images”**, Journal of Emerging Technologies and Innovative Research, 2019, Vol.6, issue.1
8. **“RSA Cryptography based Multi modal Biometric Identification System for High- Security Applications.”**, International Journal of Intelligent Engineering and systems., 2019, vol.12, No.1
9. **“An Improved text classification for Unstructured Document”**, Journal of Emerging Technologies and Innovative Research.,2019 vol. 6 issue 6.
10. **“Document summarization for Telugu news Articles”**, Journal of Emerging Technologies and Innovative Research 2019.,vol. 6 , issue 5.
11. **“Multi spectral coding in RADAR signal conditioning using Recurrent Spectral Mapping.”**, International journal of Innovative technology and Exploring Engineering., 2019, Vol. 8, Issue-10.
12. **“Text summarization using Artificial Neural network with back propagation in Telugu e-Newspapers.”**, International journal of Research in Electronics and Computer Engineering.,2019, Vol. 7, Issue 1.
13. **“Very high frequency design and modeling for radar interface”**A Review, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 14, Issue 4, Ser. II (Jul.-Aug. 2019), PP 37-44.
14. **“Multi Spectral Coding in RADAR Signal Conditioning using Recurrent Spectral Mapping”**, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019
15. **“Correlative Waveform Coding for Interference Mitigation in VHF Radar System”** ,Soft Computing and Signal Processing, Proceedings of 2nd ICSCSP 2019, Advances Computing in advances ,PP741-751
16. **“Multi spectral coding in RADAR signal conditioning using Recurrent Spectral Mapping.”**,

International journal of Innovative technology and Exploring Engineering., 2019, Vol. 8, Issue-10.

17. **“Very high frequency design and modeling for radar interface : A Review”**, IOSR Journal of Electronics and Communication Engineering.,2018 Vol.14, Issue 4
18. **“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.
19. **“Comparison of Text classification models for Telugu News Articles”**, International Journal of Innovative Research in Technology., May 2018, Vol. 4, issue 12.
20. **“Hybrid Feature extraction and double Chaotic Logistic map for secure Multimodal Biometric System”**, Journal of Advanced research in Dynamical & control system.,2018, Vol.10, Issue-13.
21. **“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.
22. **“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.
23. **“Weighting Multiple Features and Double fusion Method for HMM Based video Classification” Springer India 2016** S.C.Sathapathy et al. (eds.),Microelectronics, electromagnetics and telecommunications,DOI 10.1007/978-81-322-2728-1-68
24. **“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.
25. **“ Smart Innovation, Systems and Technologies”** 50, DOI 10.1007/978-3-319-30933-0_44 PPSwitzerland 2016 S.C. Satapathy and S. Das (eds.), Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 1.
26. **“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.
27. **“Improved Degraded Document Images Using Phase based Binarization”**, The Institute for Research and Development in India Vol-3, Issue-9, 2015 ISSN:2347-281

28. **“Higher Order Oriented Feature Descriptor for Supporting CAD System in Retrieving Similar Medical Images Using Region Based Features”** Springer International Publishing.
29. **“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.
30. **“Tumor Detection in Medical Images Using Self Organizing Map”** pak. J. Biotechnol.Vol. 13 (special issue on Innovations in information Embedded and Communication Systems) PP. 49 - 51 (2016)
31. **“An efficient research allocation with adaptive rate scheduling for WCDMA Networks”**IOSR Journal of computer Engineering e-ISSN :2278-0661 P-ISSN 2278 8727vol 18 issue 2 ver III mar-2016 PP77-81
32. **“A secure method of optimized low complexity video watermarking”**, ARPJN Journal of Engineering and Applied Sciences, VOL. 10, NO. 4, MARCH 2015, ISSN 1819-6608,PP.1822-1827
33. **“A Review of Low Level Visual Features for a Content Based Medical Image Retrieval System”**, ARPJN Journal of Engineering and Applied Sciences, ISSN 1819-6608, VOL. 10, NO 22, DECEMBER, 2015, PP : 10328-10336
34. **"An Optimized Multidimensional Feature Vector for Automatic Tumor Detection and Retrieving Similar Images for Diagnosing Clinically"** by Inderscience Publishers Ltd.
35. **“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.
36. **“Throughput Enhancement for Better QoS in WCDMA Networks”** International Journal of Computer Applications (0975 – 8887) Volume 110 – No. 16, January 2015 PP13-15.
37. **“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.
38. **“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.

39. **“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.
40. **“Active Queuing Mechanism for WCDMA Network”** (IJCSIS) International Journal of Computer Science and Information Security, Vol. 11, No. 10, October 2013, PP 42-47.
41. **“Improved Degraded Document Images Using Phase Based Binarization”** in (IJRAET), ISSN (Online): 2347 - 2812, Volume-3, Issue -9, 2015, PP 15-19.
42. **“Throughput Enhancement for Better QoS in WCDMA Networks”** International Journal of Computer Applications (0975 – 8887) Volume 110 – No. 16, January 2015 PP13-15
43. **“A Hybrid robust DCT –Schur Based video watermarking Scheme”** international journal of electrical electronics and computer systems (IJEECS) ISSN :2347-2820 volume 3 issue 12 2015 PP 8-13
44. **“QoS Based Resource Allocation for W-CDMA Network”** The International Journal of Computer Science & Applications (TIJCSA) 2014 Volume 3, No.1, September 2014 ISSN-2278-1080, PP No-19
45. **“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.
46. **“Active Queuing Mechanism for WCDMA Network”** (IJCSIS) International Journal of Computer Science and Information Security, Vol. 11, No. 10, October 2013, PP 42-47.
47. **“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 .
48. **“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.
49. **“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.
50. **“Comparative Analysis of Queuing mechanism for WCDMA Networks”** InternationalJournal of Emerging Trends & Technology in Computer Science(IJETTCS) Vol 2,NO.1, March-April 2013,PP 240-242.
51. **“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.

52. **“Performance Evaluation of Routing Protocols for WCDMA Network”** International Journal of Advanced Research in Computer Science , ISSN No. 0976-5697 Volume 4, No. 10, Sep-Oct 2013 pp219-222
53. **“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.
54. **“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.
55. **“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.
56. **“Medical Image retrieval using LLBP”** International journal of Biomedical Signal Processing (IJBSP), ISSN 0975 -8186 3(1), 2012, PP19-23.
57. **“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.
58. **“Performance Analysis of QoS Based Multimedia Real-time Protocol”** International journal of Computing vol 1 issue 2 April 2011 pp 216-219.
59. **“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.
60. **“An efficient admission control with adaptive bandwidth allocation scheme for WCDMA Network”** International Journal of Advanced Research in Computer Science ISSN No. 0976-5697 vol 2 issue jan-feb2011 PP 314-319.
61. **“Content Based color Image Retrieval via Wavelet Transforms”**, IJCSNS, International Journal of Computer Science and Network Security. Volume7, No.12, December 2007.
62. **“A Precise Content based Color Image Retrieval: Lifting scheme”**. GVIP, International Journal on Graphics, Vision and Image processing. Volume 8, No.1, June, 2008.

National Journal:

1. **“A High Performance Content based Image Retrieval using Color and Texture Features”**. Technology Spectrum, Jawaharlal Nehru Technological University, Volume 1, No3, November 2007.

International conferences:

1. **“Keyword Spotting Using HMM in Printed Telugu Documents”**, International Conference on Signal Processing , Communications , Power and Embedded System(IEEE-SCOPES)-2016 pp 188-191.
2. **“Signature Detection and Matching From Scanned Document”**, International Conference on Signal Processing , Communications and System Design 2016 pp. 34-37.
3. **“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.
4. **“Implementation of HMM Based Automatic Video Classification Algorithm on the Embedded Platform”** in IEEE International Advance Computing Conference(IACC) at IACCJune,2015: 570110271 Bangalore, PP-1263-1266.
5. **“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..
6. **“A Proactive QoS Routing Protocol for wireless Ad Hoc Networks”** 978-1-61284-693-4/11/2011 IEEE PP.787-791.
7. **“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.
8. **"A Pristine Digital Video Watermarking in H.264 Compressed domain"**, IEEE International conference on computational intelligence and computing research 2014, ICCIC1400521, Dec 18-20.
9. 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](https://doi.org/10.1109/iadcc.2015.7154904)) And Google Scholar pp. 1263 – 126,
10. **“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
11. **“Integrated Multiple Features for Tumor Image Retrieval Using Classifier and Feedback Methods”** International Conference on Computational Modelling and Security (CMS

12. **“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
13. **“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.
14. **“Implementation of HMM based Automatic video classification algorithm on the embedded platform”** International advance computing Conference(IACC) 2015 pp 1263-1266 .
15. **“Improved Degraded Document images Using Phase Based Binarization”** in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP13-21
16. **“Motion Features for Content-Based Video Classification in Dynamic Backgrounds”**, in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP44-49.
17. **“An Intelligent Brain Tumor Classification for Clinical Decision Support”** in (ICSPCOMSD-2015), July 2015 at MRECW-Secunderabad, ISBN: 9789383038336 PP 138-142.
18. **“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.
19. **“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.
20. **“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
21. **“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.
22. **“CBMIR Based on Integrated SOFM and Clustering Multiple Features”** International Conference on Systemic, Cybernetics and Informatics ICSCI 2014, 3rd- 6th February PP-260-263.
23. **“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.”

24. **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.
25. **“ A Novel Shape Feature Extraction for Color CBIR System”**. 8th National Conference on TechnologyTrands, NCTT 2007, Trivendram, India, 30th November and 1st December 2007.
26. **“Content based Image Retrieval: Wavelets, International conference , SPIT-IEEE colloquim-2008, Mumbai, India, Feb 4-5, 2008.**
27. **“Content based Image Retrieval: Color Images”**. International conference on RF and signal processing Systems, RSPS-2008, Vaddeswaram, India, Feb 1-2, 2008.

National Conferences:

1. **“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, Hyderabad, India.
2. **“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, Hyderabad, India.
3. **“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, Hyderabad, India.
4. **“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, Hyderabad, India.
5. **“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, Hyderabad, India.
6. **“Content based Image Retrieval using Different Relevance FeedBack -A Survey”**, National conference on Signal Processing and communication SPCOM-10, 23-24 Dec 2010,PP 40-49, Hyderabad, India.
7. **“Content based Sports video Classification System”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 201-203, Hyderabad, India.

8. **“Video watermarking in motion vector using temporal synchronization”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP185-190, Hyderabad, India.
9. **“Video Watermarking Technique Based on DWT-SVD”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 217-221, Hyderabad, India.
10. **“An Advance Threshold Buffer Allocation Scheme For Wireless Networks”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 22-26, Hyderabad, India.
11. **“Video Watermarking in Motion Vector using Temporal Synchronization”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 185-190, Hyderabad, India.
12. **“Content-Based Sports Video classification System”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 201-203, Hyderabad, India. **“Content Based Video Retrieval Based on RGB Color Features”** National conference on signal processing and Communication SPCOM -10,23-24 Dec 2010 PP 50-53, Hyderabad, India.
13. **“Medical Image Segmentation Using D4 Wavelet Algorithm”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, PP 105-110, Hyderabad, India.
14. **“Medical Image Retrieval Using Intensity Feature Vector”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, PP 116-119. Hyderabad, India
15. **“ HMM Based Video Classification Using Multiple Features”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, Hyderabad, India
16. **“Medical Image Retrieval Using Intensity Feature Vector”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, Hyderabad, India.
17. **“Different Video Watermarking Techniques and comparative analysis: A Survey”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, Hyderabad, India
18. **“Design and Implementation of a multicast real time Multimedia Protocol over H.245”** National conference on Signal Processing and communication SPCOM 9 , December 4-5, 2009, Hyderabad,
19. **“Content based Image and Video Retrieval Techniques and Systems: A Survey”**. Proceedings

of National Conference on SPCOM-2005, December 5-6, 2005, Hyderabad, India

Dr. Y. MADHAVEE LATHA