

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

JNT University, Hyderabad.

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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:

Multimedia Signal Processing & Communication.

Experience:

Total of 17years 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 since July 2010.

Honors and Awards:

- “Women in Education Award” received by Dewang Mehta National Educational Awards for being the inspiring woman in education.
- Received “Education Leadership Award” by 25th Business school affaire & Dewang Mehta National Educational Award.
- 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.
- **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.

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 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	3/19/2010	3/20/2010

			College		
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	12/20/2007	12/22/2007

			Management		
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):

Conferences:

S.No	Title of the Event	Period (INSTITUTE)
1	2 nd Inter National Conference on Signal Processing and Communications-System Design [ICSPCOM –SD 2016]	July 15-16, 2016 (MRECW)
2	2 nd Inter National Conference on Technical Advancements in Computer Science and Engineering [ICTACSE- 2016]	July 15-16, 2016 (MRECW)
3	2 nd Inter National Conference on Emerging Trends in Electrical Systems and Engineering [ICETESE – 2016]	July 15-16, 2016 (MRECW)
4	2 nd International Conference on Emerging Strategies for Business Advancements (ICESBA-2016)	July 15-16, 2016 (MRECW)
5	Inter National Conference on Signal Processing and Communications-System Design [ICSPCOM –SD 2015]	July 3-4,2015 (MRECW)
6	Inter National Conference on Technical Advancements in Computer Science and Engineering [ICTACSE- 2015]	July 3-4,2015 (MRECW)
7	Inter National Conference on Emerging Trends in Electrical Systems and Engineering [[ICETESE – 2015]	July 3-4,2015 (MRECW)
8	International Conference on Emerging Strategies for Business Advancements (ICESBA-2015)	July 3-4,2015 (MRECW)

9	National Conference on Signal Processing and Communications-System Design [SPCOM –SD 2014]	Jan 3 -4 ,2014 (MRECW)
10	National Conference on Technical Advancements in Computer Science and Engineering [NCTACSE- 2014]	Jan 3 -4 ,2014 (MRECW)
11	National Conference on Emerging Trends in Electrical Systems and Engineering [NCEESE – 2014]	Jan 3 -4 ,2014 (MRECW)
12	International Conference on Earth Sciences and Engineering – (ICEEE-2010)	August 21, 2010 (MRECW)
13	National conference on” Signal Processing and Communications”	Dec 4 -5, 2009 (MRCET)

Workshops/Refresher Courses Organized (Faculty Development programs)

S.No	Title of the Event	Period (INSTITUTE)
1	Faculty Development Program on Innovative Methods for Effective Teaching	13 th December, 2017
2	AICTE Sponsored Two Week Faculty Development Programme on “Speech, Image & Video Processing Techniques, Analysis & Applications”	6 th -18 th November, 2017
3	Faculty Development Programme on Open Source Technologies in association with NITTTR	13 th -17 th November, 2017
4	Faculty Development Programme on Cloud Computing in association with NITTTR	23 rd -27 th October, 2017
5	Faculty Development Program on Application Oriented Teaching methodologies	3 rd -5 th July, 2017 (MRECW)
6	Workshop on Research Methodologies	22 nd April, 2017 (MRECW)
7	Workshop on Teaching Mythologies	5 th -6 th June, 2017 (MRECW)
8	One Week Faculty Development Programme On “Artificial Neural Network & Fuzzy Logic Through ICT Of Aview” in association with NITTTR, Chandigarh.	24 th -29 th April,2017 (MRECW)
9	One Week Faculty Development Training Programme on "Cloud Computing" organized by National Institute Technical Teachers Training & Research	5 th - 9 th December, 2016 (MRECW)
10	Two Weeks Faculty Development Programme in "Entrepreneurship" organized in association with EDC CELL,	14 th - 28 th December, 2016 (MRECW)

	JNTUH	
11	One Week Faculty Development Training Programme on "Application Oriented Teaching Methodologies"	22 nd - 28 th November, 2016 (MRECW)
12	One week Faculty Development Programme on "Effective Teaching Methodologies for Engineering Education"	1 st - 5 th November, 2016 (MRECW)
13	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)
14	One Week Refresher Course on "VLSI & Embedded Systems" organized by the Dept. of ECE	22 nd - 28 th June, 2016 (MRECW)
15	One Week Refresher Course on "Power Systems & Power Electronics" organized by the Dept. of EEE	22 nd - 28 th June, 2016 (MRECW)
16	One Week Refresher Course on "C & Data Structures" organized by the Dept. of CSE & IT	22 nd - 28 th June, 2016. (MRECW)
17	Faculty Development Programme on "LAMP Products" organized by the Department of CSE	23 rd to 27 th , November 2015 (MRECW)
18	Faculty Development Programme on "Sim Power Systems"	23 rd - 27 th , November 2015 (MRECW)
19	"Planning Research Methods & Technologies Leading to Doctoral Level"	25 th November, 2014. (MRECW)
20	Faculty Development Program on "Research Issues in Electrical Power Systems & Power Electronics"	27 th & 28 th June 2014 (MRECW)
21	Faculty Development Program on "VLSI Design using CADENCE TOOLS"	27 th & 28 th June 2014 (MRECW)
22	Faculty Development Program on "Linux Internals"	27 th & 28 th June 2014 (MRECW)
23	One Week Refresher Course on "ANALOG AND DIGITAL COMMUNICATION "	17 th - 21 st June, 2013 (MRECW)
24	One Week AICTE Sponsored National Work Shop on Cloud Computing	Nov 25 th - 29 th , 2013 (MRECW)
25	One Week Refresher Course on "Power Systems & Power Electronic Drives"	17 th - 21 st June, 2013 (MRECW)
26	Two Day Workshop on "Programmable System On Chip Mixed Signal Microcontroller	23 rd June 2012 (MRECW)
27	Three Day Workshops on "Analog and Digital Design using cadence tools"	5 th - 7 th July 2012 (MRECW)
28	National Level Workshop on Competency Skills For Library Professionals	May 6-7, 2011 (MRECW)
29	Effective Communication Skills workshop	7 th January, 2011 (MRECW)
30	Refresher course on "Digital Image Processing and its Applications"	July 2-10, 2009 (MRCET)

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

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

S.No	Title of the Event	Period (INSTITUTE)
1	Students Conference for I Year B.TECH Students	14 th October
2	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for II&III Year B.TECH Students	29 th July 2017
3	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for II&III Year B.TECH Students	29 th July 2017
4	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for II&III Year B.TECH Students	29 th July 2017
5	Intra College Conferences on “Emerging Trends in Information Technology” for II&III Year B.TECH Students	29 th July 2017
6	MEDHA-2017 State Level Technical Symposium	19 th August 2017
7	Intra College Conferences on “Technological Innovations in ECE, EEE, CSE & IT” for II & III Year B.Tech Students	24 th February, 2017
8	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for I Year B.TECH Students	21 st February, 2017
9	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for I Year B.TECH Students	21 st February, 2017
10	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for I Year B.TECH Students	21 st February, 2017

11	Intra College Conferences on “Emerging Trends in Information Technology” for I Year B.TECH Students	21 st February, 2017
12	FUTURE SASTRA – 2K17 - National Level Technical Symposium	7 th & 8 th January, 2017
13	"Intra College Conference " for I Year B.Tech Students	28 th October 2016
14	Intra College Conference on Signal Processing Communication and System Design for II Year ECE Students	17 th September, 2016
15	Intra college Conference on “Emerging Trends In Electrical Systems & Engineering” for II Year EEE Students	17 th September, 2016
16	Intra college Conference on “Technical Advancements In Computer Science And Engineering” for II Year CSE & IT Students	17 th September, 2016
17	Intra College Conference on Signal Processing Communication and System Design for III Year ECE Students	3 rd September, 2016
18	Intra college Conference on “Emerging Trends In Electrical Systems & Engineering” for III Year EEE Students on 3 rd September, 2016	3 rd September, 2016
19	Intra college Conference on “Technical Advancements in Computer Science and Engineering” for III Year CSE & IT Students	3 rd September, 2016
20	TECH XPLORE-2K16 - Intra College Technical Symposium Department of CSE & IT	10 th September 2016
21	TECH XTREME-2K16 - Intra College Technical Symposium Department of ECE	10 th September 2016
22	SYNCHRO-2K16- Intra College Technical Symposium Department of EEE	10 th September 2016
23	TECHDELIGHT-2K16- organized for I Year B. Tech Students	10 th September 2016
24	FUTURE SASTRA – 2K15 - National Level Technical Symposium	30 th -31 st January,2015
25	MEDHA –2K15 - State Level Technical Symposium	12 th September,2015
26	Intra College Conferences on “Emerging Trends in	24 th -25 th July,2015

	Computer Science & Engineering”	
27	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering”	24 th -25 th July,2015
28	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering”	24 th -25 th July,2015
29	Intra College Conferences on “Emerging Trends in Information Technology” for I Year B.TECH Students	24 th -25 th July,2015
30	TECHNOVA-2K15 - organized under ISTE Student Chapter	7 th November 2015
31	FUTURE SASTRA – 2K15-16 - National Level Technical Symposium	18 th -19 th December,2015
32	ELITE – 2015 - Management Fest for MBA students	18 th -19 th December,2015
33	Intra College Conferences on “Emerging Trends in Computer Science & Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
34	Intra College Conferences on “Emerging Trends in Electronics & Communication Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
35	Intra College Conferences on “Emerging Trends in Electrical & Electronics Engineering” for II&III Year B.TECH Students	17 th & 18 th October, 2014
36	Intra College Conferences on “Emerging Trends in Information Technology” for II&III Year B.TECH Students	17 th & 18 th October, 2014
37	TECH XPLORE-2K16 - Intra College Technical Symposium Department of CSE & IT	8 th November, 2014
38	TECH XTREME-2K16 - Intra College Technical Symposium Department of ECE	8 th November, 2014
39	SYNCHRO-2K16- Intra College Technical Symposium Department of EEE	8 th November, 2014
40	Two day workshop on "SIM POWER SYSTEMS" for B.Tech III year EEE students.	28 th Feb-1 st March,2014
41	Two day workshop on "ROBOTICS"& " ETHICAL HACKING" for B.Tech III year ECE & CSE students.	21 st -22 nd Feb,2014
42	Future Sastra-2k14: NATIONAL LEVEL TECHNICAL SYMPOSIUM.	31 st Jan- 1 st -Feb ,2014
43	Work shop on Digital circuit Design Using OSCAD	23 rd -24 th December,2014

44	Work Shop on ARM Processor-IV Students	13 th -14 th December,2014
45	Tech Delight -2013-I year Student Fest	27 th Nov,2013
46	Rally on Save India from Financial crisis	4 th Sep,2013
47	MEDHA-2013 State Level Technical Symposium	July 27 th ,2013
48	Student Conferences on "SYSTEMS, SIGNAL PROCESSING & COMMUNICATION", "NETWORKS, SECURITY & DATA MANAGEMENT" &"POWER SYSTEM APPLICATIONS"	13th July, 2013
49	FUTURE SASTRA – 2013” : NATIONAL LEVEL TECHNICAL SYMPOSIUM.	22nd -23rd Feb, 2013
50	PRAGYA – 2013 –Intra College Technical Symposium	2nd to 4th Feb, 2013
51	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)
52	ELITE” – A Management Fest	20 th Dec,2012 (MRECW)
53	"MEDHA – 2012" State Level Technical Symposium	21 st July 2012 (MRECW)
54	Three Day Workshops on” Android Applications”	30 th -3 rd Dec,2011
55	National Level Technical Symposium (FUTURE SASTRA -2010-2013)Three years	January 20-21,2012 (MRECW)
56	National Level Workshop on Competency Skills For Library Professionals	May 6-7,2011 (MRECW)
57	Intra college Technical Conference (Techno vision)	14/11/2011 (MRECW)
58	Effective Communication Skills workshop	7 th January, 2011
59	Embedded Systems using 32- Bit Processor	October 7 -8, 2010 (MRECW)
60	Electosurge-10-National Level Symposium	April ,3 rd -4 th , 2010 (MRCET)
61	Ervena-07-Intra College Fest	October10 th , 2007 (GNITS)
62	National Level student Fest	February 21 st – 22 nd , 2008 (GNITS)

Workshops / Refresher Courses Attended:

S.No	Title of the Course	Organization	Period
1	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
2	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
3	Faculty Development Program on Application Oriented Teaching methodologies	MRECW, Hyderabad	3rd -5th July 2017
4	Workshop on Research Methodologies	MRECW, Hyderabad	22nd April 2017
5	Workshop on Teaching Methodologies	MRECW, Hyderabad	5th -6th June 2017
6	Two Weeks Faculty Development Programme in "Entrepreneurship"	organized in association with EDC CELL, JNTUH in MRECW, Hyderabad	14 th - 28 th December, 2016
7	One Week Faculty Development Training Programme on "Application Oriented Teaching Methodologies"	MRECW, Hyderabad	22 nd - 28 th November, 2016
8	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
9	One week Faculty Development Programme on “Effective Teaching Methodologies for Engineering Education”	MRECW, Hyderabad	1 st -5 th November, 2016
10	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
11	One Week Refresher Course on “VLSI & Embedded Systems” organized by the Dept. of ECE	MRECW, Hyderabad	22 nd - 28 th June, 2016
12	One Week Refresher Course on “Power Systems & Power Electronics” organized by the	MRECW, Hyderabad	22 nd - 28 th June, 2016

	Dept. of EEE		
13	One Week Refresher Course on "C & Data Structures" organized by the Dept. of CSE & IT	MRECW,Hyderabad	22 nd - 28 th June, 2016
14	Faculty Development Programme on "LAMP Products" organized by the Department of CSE	MRECW,Hyderabad	22 nd - 28 th June, 2016.
15	Faculty Development Programme on "Sim Power Systems"	MRECW,Hyderabad	23 rd to 27 th , November 2015
16	"Planning Research Methods & Technologies Leading to Doctoral Level"	MRECW,Hyderabad	25 th November, 2014.
17	Faculty Development Program on "Research Issues in Electrical Power Systems & Power Electronics"	MRECW,Hyderabad	27 th & 28 th June 2014
18	Faculty Development Program on "VLSI Design using CADENCE TOOLS"	MRECW,Hyderabad	27 th & 28 th June 2014
19	Faculty Development Program on "Linux Internals"	MRECW,Hyderabad	27 th & 28 th June 2014
20	One Week AICTE Sponsored National Work Shop on Cloud Computing	MRECW,Hyderabad	Nov 25 th -29 th ,2013
21	One Week Refresher Course on "Power Systems & Power Electronic Drives"	MRECW,Hyderabad	17 th - 21 st June, 2013
22	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
23	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
24	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
25	One Week Refresher Course on "ANALOG AND DIGITAL	MRECW,Hyderabad	June 17 th - 21 st , 2013

	COMMUNICATION ”		
26	Computer Networking And ATM Networks	GNITS, Hyderabad	Feb 20-21, 2004
27	Digital Signal Processing	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 17– Dec 07, 2004
28	AICTE-ISTE Internetworking	JNTU College of Engg. Hyderabad	Jan 21 –Feb 02, 2002
29	VLSI Design	JNTU ,Hyderabad (UGC-Academic Staff college)	Nov 13–Dec 03, 2002
30	DSP Processors & Applications	OU College of Engg. Hyderabad	Nov 23 – 27, 2003
31	Digital Signal Processing & DSP Processors	OU College of Engg. Hyderabad	Aug 18-22, 2001

Contribution to the Malla Reddy Engg. College for Women:

- **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 “Education Leadership Award” by 25th Business school affaire & Dewang Mehta National Educational Award.**
- Established all Laboratories, Professional Chapters and Center of Excellences.
- 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 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

Completed:03

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:

[1]“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

[2] “Steerable Text Descriptor for an Effective Content Based Medical Image Retrieval System using PCA” **Springer India 2016** S.C.Sathapathy et al. (eds.), Proceedings of the second international conference on computer and communication technologies (IC3T 2015),Volume 1,379, DOI 10.1007/978-81-322-2517-1_29,PP 289-298.

[3] “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)

[4]“weighting Multiplie 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]“an efficient resource 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

[6]“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

[7] “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.

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

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

[10]“A secure method of optimized low complexity video watermarking”, ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 4, MARCH 2015, ISSN 1819-6608,PP.1822-1827

[11] “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

[12]“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.

[13] “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

[14] “A Review of Low Level Visual Features for a Content Based Medical Image Retrieval System”, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, VOL. 10, NO 22, DECEMBER, 2015, PP : 10328-10336

[15] "An Optimized Multidimensional Feature Vector for Automatic Tumor Detection and Retrieving Similar Images for Diagnosing Clinically" by Inderscience Publishers Ltd.

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