



EAMCET/ICET Code: MRCW

MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Maisammaguda, Dhulapally, Secunderabad - 500 014 - A.P. - India.

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NEWSLETTER SANKETHA



Director Message

Dr. P. Ram Reddy B.Tech, M.Tech, Ph.D (IIT-Madras)
Former Registrar, JNTU, Hyderabad.

It gives me immense pleasure to know that Malla Reddy Engineering College for Women has started the release of 'News Letters of the institution. In quick succession, the institution has established a strong name in academic circles. Documentation of curricular and co-curricular activities is not only necessary but quite essential.



Education is the fundamental requirement for the sustained growth of life. High quality Technical education, Supported by quality engineering skills, in the form of curricular and co-curricular activities presented through News letters and other forms are quite essential at all levels of Presentations. I wish that all the staff and students should make this programme a regular feature of the institution.

Principal Desk

Dr. Y. Madhavae Iatha
B.Tech, M.Tech, Ph.D, LMIETE, MIEEE, LMISTE
Professor of ECE

I am immensely happy not only to release this news letter, but also for keeping up our promises. We said that there are still miles to go before success. Within a year, we could show drastic improvement in both academic as well as co-curricular fields. My warm wishes to the dedicated staff and students for their fruitful endeavors.



It is a desirable characteristic of today's world that there is an absolute necessity for skill based professionals and industry ready academicians. In this hour of stiff competition, women take special position and play a pivotal role spearheading every filed of activity. Women have been a source of inspiration to many. The innate skills of young girls are being tapped in this institution. Their skills are drawn out by providing excellent teaching- learning ambience, well equipped laboratories to allow the students to get the expertise necessary for the industry. We, in this institution provide ample opportunities to the students to sharpen their wit by participating in various co-curricular activities. We aim at wholesome individuals who can become future leaders responsible for desired changes in the society.

I am extremely delighted to make a note of the marvelous performance of our students in the areas where there is a provision or place for developing values, ethics and respect for our tradition and culture. We emphasize on decency dignity of life and personality development among girl students. We tried to pull out all stops to create industry-academia in the campus.

We provide World-Class teaching through dedicated staff. The preparation of Lab manuals ,course files, designing the workshops and involvement in organizing different training programmes enabled our students to achieve success in reaching the targets. I sincerely congratulate the entire faculty for having achieved great results. I feel privileged to thank from the bottom of my heart the visionary management. My Heartfelt blessings & wishes to beloved MRECW students.



Chairman's Desk

I convey my hearty greetings and warm wishes to all the staff and students of MRECW for their excellent performance during this academic year. In a short span of time, MRECW achieved tremendous accolades and shown immaculate skill in countering the challenges in Engineering field. I congratulate all the students and staff for having reached heights of performance.

This is the time wherein individuals, particularly women should go to the whole hog. I advise the students to take up yet some more challenges and become the partners in the changes brought in this global industry. At this juncture I would like to encourage young women to utilize their youthful energy to the maximum and excel in the fields of their choice. We aspire that the excellent learning facilities provided by us are put to maximum use and further lead to the development of research.

My sincere appeal to all concerned is to have a foot in the door and reach implacable heights.

Best wishes to the budding engineers.

Sri. CH. Malla Reddy



MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Vision:

- Visualizing a great future for the intelligentsia by imparting state-of-the-art Technologies in the field of Engineering and Technology for the bright future and prosperity of the students.
- To offer world class training to the promising Engineers.

Mission:

- To nurture High level of Decency, Dignity and Discipline in women in attaining high intellectual abilities.
- To produce employable students at National and International levels by effective training programs.
- To create pleasant academic environment for generating high level learning attitudes.

Goals:

- To provide high quality academic programmes, training activities, research facilities and opportunities for peer group.
- To facilitate industry – institute interaction aimed at employability, entrepreneurship, leadership and research aptitude among student.
- Equip the student with advanced knowledge in the field of engineering as well as professional skills necessary to face the challenges of the future.
- Engineer the student to engage in research activities leading to innovative applications of technology for the benefit of mankind.
- Enable them to become responsible citizens of the country with a willingness to serve the society.

Quality policy:

- To undertake Research & Development activities in emerging areas.
- To introduce new innovative courses based on the industry and societal demands.
- Collaborating with National, International institutes, Research and Development organizations and industries.

Courses Offered:

- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Computer Science Engineering
- Information Technology
- Master of Business Administration
- **M.Tech (Embedded Systems)**
- **M.Tech (Computer Science & Engineering)**

Institute Membership:

- ISTE (Indian Society for Technical Education)-IM1911
- British Library
- DELNET
- JKC

Professional Student Chapters / Branches:

- IEEE
- IETE
- ISTE
- HMA

Student Technical associations

- Cynosures - CSE
- Electrospeikes - ECE
- Phreakz - IT
- Electro Pheenix - EEE
- Powered Administration - MBA

Activities of Professional / Technical Student chapter:

- Mini project Expo
- Workshops
- Paper Presentation
- Mock Interviews
- Poster Presentations
- Group Discussions
- Expert Lectures
- Seminars
- Debate
- Quiz
- Letter Writing
- Technical Symposium
- C' skills contest

Innovative practices:

The college has taken necessary initiative to develop the overall personality of students by the following measures.

- The college has taken initiative for conducting CCNA certification programmes in collaboration with M/s .CISCO systems Inc.,
- The college focuses on value added programmes for initiating certification courses in MICROSOFT & SUNMICRO SYSTEMS.
- The college has taken initiative for conducting training programme on Business English certificate course for engineering students leading to Business English certificate, Cambridge University, UK, LONDON.
- Employment Enhancement Training Programme for Final Year students of Engineering/MBA/MCA.
- Programme on “Promoting Human Excellence” for Engineering / MBA students in association with Vivekananda Institute of Human Excellence, Rama Krishna Math Hyderabad.
- Motivational/Inspirational Lectures from Reputed Industry and Organizations.
- Application oriented teaching.
- NPTEL video lectures.
- Course files and lab manuals for effective instruction
- Counseling.
- Periodical Assignments

Industry-Academia Interface (MRGI)

- Indian Institute of Hardware Technology Limited, Bangalore.
- Northern Arizona University, Flagstaff, USA
- Rofous Software Pvt.Ltd, Hyderabad.
- Data Point Info Solutions Pvt. Ltd., Hyderabad.
- Advanced Centre for Atmospheric Sciences, S.V.University, Tirupathi (Sponsored by ISRO, Govt. of India.)
- BARC Training School, NFC, Govt.of India, Hyderabad.
- Seven Software Systems, Hyderabad.
- University of Texas at Tyler, USA
- Cambridge University, London, UK

Center for Global Education and career counseling:

In house professional help for students aspiring to study abroad –Value added service exclusively for MRGI students.

Content beyond the syllabus:

- Advanced topics covered in concerned subjects to meet the industry requirements.
- Additional experiments covered in the laboratory.
- Expert Lectures are arranged from industry and academia.
- Encouraging students to do Mini projects based on knowledge gained in the laboratories (From 1 year onwords to improve their practical knowledge. Ex: C programming for any one of the real time application).

Social service: “Service to human beings is service to God”

We believe in the above saying MRECW is not only nurturing the academic efficiencies of students, but also their all-round personality development. As a part of this, the students have been involved in rendering social service. They have undertaken certain activities which are in the interests of poor and needy.

Blood donation camp:



Distribution of needy items by MRECW students for children who are staying in Maisammaguda:



National Level Workshop On Competency Skills For Library Professionals May 6-7, 2011

Librarian’s job is a most challenging profession. Librarians need a lot of integrated skills to cater the needs of every user effectively.

This workshop “Competency Skills For Library Professionals” helps the library professionals to raise awareness and enhance their improved competency skills. The main objective of this competency skills is to save the time of the user and make them interactive by the medium of reader’s corner board.

The main theme of our workshop is to benefit all the participants to the maximum about the information of science and technology to the community at large.



FUTURE SASTRA-2012

A National Level Technical Symposium

MRECW has been organizing National Level Technical Symposium named as Future Sastra every academic year in II semester. A National Level Technical Symposium "Future Sastra" was organized under ISTE, IETE & IEEE Student Chapters for two days on 20th & 21st of January -2012. One thousand participants from different Engineering colleges in the state and from other states participated in this event. This prestigious Symposium is aimed at eliciting the technical expertise among budding engineers in various fields.

Inaugurated by **Dr. E. Sai Baba Reddy**, Director Academic Audit Cell, JNTUH

Events organized & no of participants:

Young Engineer Award -75, Paper Presentation-260, Technical quiz:141, General quiz -150, Electro Gems-68, Reducta-30, C-Skills-89, Ad- Making-56, Business quiz-44, Poster Presentation on Global warming-68.

Total no of Participants: 981



EFFECTIVE COMMUNICATION SKILLS WORKSHOP:

Malla Reddy Engineering College for Women organized a workshop on Effective Communication Skills under Centre for Development of Communication Skills on 7th of January 2012. In this workshop 300 students participated from different colleges in and around the city. Chief Guest of this function was an eminent Educationist, Dr. Govardhan, Director of Evaluation, JNTU(H). In the present scenario of globalization the value of effective communication skills is not to be ignored.

Modern day language does really transient the national barriers and fetch quality of life. This workshop has shown the students a path never trodden and exposed them to necessary language elements.

Topics covered: Current approaches to Speaking English, Creative writing through project based tasks, Techniques to improve Communication Skills.



STATE LEVEL TECHNICAL QUIZ:

Inauguration of State Level Student Technical Quiz Competition under IEEE, IETE & ISTE Student branches by Prof. B.V. Shankar Ram, Director of Evaluation organized on August 23, 2011

No of Participants: ECE:150, CSE:180, EEE:60



Intra College Technical Conference (TechVision):

Technology is to bring far reaching goals nearer. Our technocrats in grooming, prepared excellent slides to propose answers to tangled problems of different engineering subjects. MRECW has been organizing Intra College Technical Conference named as TechVision every academic year in I semester. In this connection ECE,EEE & CSE Departments organized TechVision on 14 November, 2011.



Product launch (Herbal & beauty products) on 7th November 2011 by MBA students:

The managerial skills of MBA students are practically demonstrated in launching Herbal & beauty products & releasing them into the market.



Student workshops in Emerging fields

Three Day workshop on Robotics for IV year ECE& EEE students : (12-14 September, 2011)



Two Day Work Shop On “Web design” for II year ECE&CSE students - 25th & 27th February, 2012.



Two Day Work Shop On “Modeling of Electrical systems using MATLAB & simulink” for II year EEE students - 25th & 27th February, 2012.



Two Day Work Shop On “Implementation of DSP algorithms using ARM Processor” for III year ECE students - March 2nd & 3rd, 2012.

- Introduction of micro controllers and resources of embedded systems.
- Overview of DSP processors.
- ARM architecture, register set, programming.
- Implementation of DSP algorithms on ARM – 32 bit processor.
- Implementation of MPEG4 decompression algorithm on ARM processor.
- Overview of OMAP processor.
- Lab session on LPC 2148 (ARM kit) & Implementation of a DSP algorithms on LPC 2148 (ARM KIT).



Two Day Work Shop On “Android Applications” for III year CSE students - March 2nd & 3rd, 2012.

- Basics of android.
- How to host application to mobile and how to integrate eclipse software with SDK tools using JAVA.
- Introduction to ANDROID and how to create an application by using eclipse software.
- Lab session which contains deploying the application and sending it to mobile.
- Complete code explanation



Two Day Work Shop On “Modeling Power systems & Power Electronics using MATLAB & simulink” for III year EEE students - March 2nd & 3rd, 2012.

- Introduction of MATLAB and simulink in Engineering.
- Designing of control systems block diagrams and electrical circuits in simulink.
- Explanation of various functions in MATLAB.
- Introduction of ANSYS software and its usage in various fields of engineering.
- Video lectures on electrical machines and basics of electrical engineering.
- Practice of examples in computer methods in power systems through MATLAB.



Three day orientation program for First year students:

Orientation Programme:

The freshers who join in engineering course often come from different backgrounds, like semi-urban Rural and the same might not have even studied in English medium. A three day orientation program with various experts is organized to bring all these students on a common platform in commensurate with the set norms of the college. Topics covered during Three day program:

- Personality Development
- Reading Skills
- Leadership
- Professional Career
- Learning Skills
- Ethics and Values
- Time Management
- Communication Skills



Personality Development Training Program - by Mr. A.S. Murthy, Deputy Director, Center for Human Excellence



Quiz Competition



1 year Students Activities on orientation day

Debate Competition for 1 year on Freedom to Women boon or bane



Poster Presentation Competition on Women Empowerment



Womens day:

The ladder of success is best claimed by stepping on the rungs of opportunity. Our students always utilized opportunities and empowered themselves by participating in various constructive activities.

Women's Day Celebrations activities:

Key note Address on image Processing



Department of Electronics & Communication Engineering:



Faculty publications:

Dr. Y. Madhavae Latha

Inter National Journals & Conferences:

- "A QoS based MAC protocol for wireless Ad hoc network", International journal of computing network and software technology volume 20 No 10 June 2011 PP.
- "Congestion Control policy for CDMA based IP network", International journal of wireless communication and networking volume 9 No 6 Jan –June 2011 PP 12-18.
- "A Proactive QoS Routing Protocol for wireless Ad-hoc Network" IEEE International conference on Computational Intelligence & Computing Research (IEEEICIC2011), Cap Institute of Technology, Levekipuram, Kanyakumari, India Dec 15 to 17 2011.
- "Video watermarking based on motion vectors of H.264" Inter National conference (INDICON), 2011, Annual IEEE. Issue Date-16-18 Dec. 2011 on page(s), 1-4, Hyderabad, India, ISBN: 978-1-4577-1110-7.

Workshops organized:

- 3 day "Robotic" work shop conducted during 12/9/2011 to 14/09/2011
- **Robotic exhibition** on 14/11/2011.
- Two day Work shop on "**Web Design**" conducted on 25th & 27th, February, 2012.
- Two day Work shop on "**Implementation of DSP Algorithms using ARM Processor**" conducted on 2nd & 3rd, March, 2012.

Faculty attended workshops & conferences:

- **Dr. Y. MADHAVEE LATHA** delivered expert lecture on "Content based Image retrieval" on 22-11-2011 Under the Refresher Course Programmes, a Three-Week Refresher Course on "**Image and Video Processing and its applications**" is being organized during 14-11-2011 to 03-12-2011.
- **R. BHARATH & S. SRIVANI** attended work shop on MATHWORKS at TAJ DECCAN on 29/6/2011.
- **HARITHA** attended work shop on ARM technical symposium at TAJ KRISHNA. On 7/8/2011.
- **Ch. MOHAN, Ch. PRAVALLIKA & R. BHARATH** attended workshop on "ARM & 32-BIT MICROCONTROLLERS".
- **K. SUMALATHA, R. BHARATH & V. VEERABABU** attended guest lecture on "MICROWAVES IN AIRBORNE SURVEILLANCE" at IETE, HYDERABAD on 30/11/2011.
- **K. SUMALATHA & V. VEERABABU** attended guest lecture on "Wide Band Antennas" at University of Hyderabad 13/12/2012.
- **S. SRIVANI** attended work shop on DSP PROCESSOR ARCHITECTURE & PROGRAMMING at VNR VJIET during 19/12/2011-23/12/2011.

Guest lecturers organized:

- Dr. Y. Padma sai, VNR VJIET had given a seminar on Advanced Communications on 18/11/2011.
- N. Dhana lakshmi, VNR VJIET had given lecture on below topics
 - 1) ARM Architecture, register set, programming Model on 02/03/2012
 - 2) ARM and Thumb instruction set & Programming on 02/03/2012
- K. Venkat Raman, Sterling & Wilson PVT LTD Hyderabad given lecture on 03/03/12
 - 1) Implementation of DSP Algorithms on ARM - 32 Bit Processor on
 - 2) Implementation of MPEG4 Decompression Algorithm on ARM Processor
- Dr. V.S.K. Reddy, Principal, MRCET had given seminar on Overview of OMAP Processor on 03/03/2012.

Student achievements:

- **P. Sony, Spandana, Srija** IV B.TECH, and **S.N. Srujana sri** II B.TECH ECE -I PRIZE in Technical Quiz EL-COM2K11
- **V. AKARSHA, V.K. PADMAJA** I B.TECH ECE have secured II PRIZE in the National Technical Symposium-EXUBERANZA 2K11 for the Technical paper "wake up receivers in wireless networks".
- **S.Navya, R.Manasa** III B.TECH-I SEM- I PRIZE in MRITS-TECHNOMAZE2K11
- **G.Anusha** II BTECH-I Prize in WEB DESIGN - MRECW
- **D.Amoolya & B.Madhuri** III B.TECH-IPRIZE in the Technical paper "Airbone Internet" in TECHNO VISION -MRECW

- **J. Anupama, III B.TECH-II PRIZE** in NIT warangal- TECHNOZION 2K11 under category ACCELEROBOTIX event. She selected as "AMBASSADOR" for MRGI regarding all NIT's Technical and Cultural fest.
- **V. Nandini, G. Sravani, Spurthi. A, K. Bhanu priya** IV B.TECH I SEM - II PRIZE in the National Technical Symposium-EXUBERANZA 2K11 under category MINIPROJECT EXHIBITION for miniproject "3G MOBILE BAED ROBOT".
- **M. Swetha, R. Manasa** III B TECH - II PRIZE in the National Technical Symposium EXUBERANZA 2K11 for the POSTER PRESENTATION.
- **E. Sadhana, K. Bala Vijaya** III B.TECH secured the BEST PRESENTATION PRIZE in NATIONAL LEVEL CONFERENCE-ETEC-11 for the PAPER PRESENTATION.
- **G. Jyothirmai & Sreeja** II B.TECH - II PRIZE in PAPER PRESENTATION "DRIVING WITHOUT WHEELS, FLYING WITH OUT WINGS" in TECHNO VISION - MRECW.
- **Sandhya and A. Bharathi** II B.TECH -II prize in ELECTRO-GEM at FUTURE SASTRA 2012 -MRECW
- **G. Jyothirmayi and G. Sravani** - II B.TECH-III prize in ELECTRO-GEM at FUTURE SASTRA-2012 -MRECW
- **K. Saipriya, B. Swetha & G. Priyanka** II B.TECH - III prize in Technical Quiz at FUTURE SASTRA-2012 -MRECW
- **M. Swetha & R. Manasa Redy** III B.TECH- II prize in Poster Presentation(Biometrics) -MRCET
- **G. Sreeja** II B TECH -III Prize in PAPER PRESENTATION-MRECW.
- **A. Bharathi** II BTECH -III Prize IN ELECTROGEM - MRECW.
- **G. Sravani** II BTECH-II Prize in ELECTROGEM- MRECW.
- **G. Priyanka** II BTECH-III Prize in TECHNICAL QUIZ- MRECW.
- **M. Aparna** BTECH-III Prize in TECHNICAL QUIZ- MRECW..
- **B. Sangeetha** III BTECH- III Prize IN PAPER PRESENTATION- MREC.
- **P. Alekhya, S.N. Srujana sree, P.N. Sai Alekhya**- II prize in short film making-MRECW
- **D. Sindhuri** II BTECH has participated in PAPER PRESENTATION-MRCET, fox hunt-MRITS, [electrogems, young women engineer, Technical quiz] - MRECW.
- **G. Ankithall** BTECH participated in TECHNICAL QUIZ- MRECW.
- **K. Sowmya** II BTECH has participated in PAPER PRESENTATION - MRCET, [fox hunt, electrogems] in MRITS, [electrogems, youngwomen engineer, technical quiz] in MRECW.
- **K. Saipriya** II BTECH has participated in [foxhunt, elctrogems] in MRITS, TECHNICAL QUIZ - MRECW.
- **D. Dhana lakshmi** II BTECH has participated in TECHNICAL QUIZ - MRCET & PAPER PRESENTATION - MRECW.
- **B. Sindhuja** II BTECH has participated in TECHNICAL QUIZ - MRECW.
- **A. Srilekha** II BTECH has participated in ELECTROGEMS - MRECW.
- **B. Tejaswi** II BTECH has participated in TECHNICAL QUIZ- MRCET, TECHNICAL QUIZ, WEBDESIGN - MRECW.
- **B. Srivani reddy** II BTECH has participated in TECHNICAL QUIZ- MREC.
- **A. Sharanya reddy** II BTECH has participated in PAPER PRESENTATION- VNR.
- **K. Sai keerthi** II BTECH has participated in TECHNICAL QUIZ- MRCET.
- **E. Akshara** II BTECH has participated in foxhunt- MRITS.
- **A. Sowmaya rani** II BTECH has participated in FOXHUNT-MRITS.
- **B. Prasanthi** II BTECH has participated in TECHNICAL QUIZ-MRCET.
- **J. Sriatha** of (BTECH II/IV) has participated in TECHNICAL QUIZ- MRCET & MRECW. & YOUNG WOMEN ENGINEER - MRECW.
- **A. Naga Tejaswini** II BTECH has participated in PAPER PRESENTATION ,YOUNG WOMEN ENGINEER in MRECW, TECHNICAL QUIZ in MRCET,
- **A. Baleshwari** of II BTECH has participated in paper presentation - MRECW.
- **Deepa** II BTECH has participated in PAPER PRESENTATION - MRECW.
- **G. Keerthana** II BTECH has participated in PAPER PRESENTATION, & WEB DESIGN MRECW.
- **B. Ramya Krishna** II BTECH has participated in PAPER PRESENTATION, WEB DESIGN in MRECW.
- **Rekha** of II BTECH has participated in ELECTROGEMS, WEB DESIGN - MRECW.
- **E. Vandana** II BTECH has participated in FOXHUNT - MRITS, IN TECHNICAL QUIZ - MRCET.
- **D. Mounica Reddy** II BTECH has participated in FOXHUNT-MRITS, in TECHNICAL QUIZ, WEB DESIGN - MRECW.
- **A. Sravan** II BTECH has participated in TECHNICAL QUIZ- MRCET.
- **B. Jyothirmayi** II BTECH has participated in foxhun- MRITS,
- **A. Divya sree** II BTECH has participated in WEB DESIGN & YOUNG WOMEN ENGINEER- MRECW & FOXHUNT- MRITS
- **Akshithall** BTECH has participated in PAPER PRESENTATION- OSMANIA UNIVERSITY.
- **D. Kavya reddy** II BTECH has participated in TECHNICAL QUIZ-MRCET.
- **J. Sahithya** II BTECH has participated in TECHNICAL QUIZ - MRCET, FOXHUNT MRITS.
- **B. Sowmya rani** II BTECH has participated in FOXHUNT- MRITS, TECHNICAL QUIZ MRCET.
- **B. Nithisha** II BTECH has participated in FOXHUNT-MRIT & TECHNICAL QUIZ- MRCET.
- **G. Anoosha** II BTECH has participated in TECHNICAL QUIZ- MRCET .
- **P. Sruthi, N.Pooitha, R. soundarya** II B.TECH had participated in TECHNICAL QUIZ - MRITS.
- **S.N. Srujana sree, P. Alekhya** II B.TECH had given PAPER PRESENTATION- MRCET.
- **M. Shobha mery** II B.TECH had participated in YOUNG ENGINEER - CMEC.
- **P.N.S. Priyanka** II B.TECH had participated in YOUNG ENGINEER -CMEC.

Department of Electrical & Electronics Engineering:



Faculty attended workshops & conferences:

- **N. Raveendra** – Attended a two day National level workshop on “soft techniques to finite element model for electrical engineering research applications at CBIT FEMEE- 2012.
- **M. Aruna kumari** - Attended **MATH WORKS** work shop at **TAJDECCAN**.
- **S. Swathi** - Attended **MATH WORKS** work shop at **TAJDECCAN**.
- **S. Swathi** - Attended National level conference at **BITS PILANI hyd. (INDICON 2011)**
- **G. Rajani** - Attended national level conference at **BITS PILANI hyd. (INDICON 2011)**.
- **G. Satheesh** - Presented a paper on “Electric field along surface of silicon rubber insulator using FEM” in national level conference conducted at **KITS HUZURABAD.***
- **G. Satheesh** - Attended a National level workshop on “Recent trends in power systems and power electronics” at **GITAM UNIVERSITY, HYDERABAD**.

Ph.D Registrations:

- **N. Raveendra** - Pursuing PhD.
- **G. Satheesh** - Pursuing PhD.

Guest lectures organized

- **Iaxmi swaroopa Associate professor** on “Finite Element Analysis using ANSYS software.”
- **M.V. Ramana Associate professor** from **osmania engineering college** on “MATLAB & simulink applications in power systems and power electronics.”
- **Linga swamy, Associate professor** from **osmania engineering College** on “Recent trends in power systems and power electronics.”

Industrial visits:

- III/IV B.Tech students has visited **BHEL Hyderabad on 16th of Oct 2011**.
- IV/IV B.Tech students has visited **INFOSYS Hyderabad on 20th of sept 2011**.

Student achievements:

- **I. Sushma raj III EEE Students** presented a paper and stood I in “robotics in waves” at JNTU Kakinada KIET.
- **P. Anusha, B. Neelima IV EEE** ,have secured I PRIZE in the National level technical symposium conducted by DRK engineering college.
- **CH. Kavitha, B. Rajeshwari** presented a paper and stood second in “Solar Road Waves” at VNR VJTIET.
- **A. Sneha, I. Sravya** participated and stood 1st prize in Treasure Hunt competition at osmania university.
- **K.G.R.L. Sinduja, B. Sushma, k.v.n. Santhoshi** stood second in technical quiz at EXODIA 2K12 at MRCEW.
- **A. Sneha & I. Sravya** presented a paper on the topic Floating Power Plants in CONVERGENCE 2K12 at VNR VJTIET
- **K.G.R.L. Sinduja & I. Sushma raj** participated and stood 1st prize in Applications of Robotics at National Level Symposium, Future sastra 2012.
- **G. Shwetha, T. Usha rani, I. Sushma Raj, E. Divya, P. Poojitha** of EEE Department have secured 1st PRIZE in TECH QUEEEZ - 2011 MRECW winners .
- **Radhika, CH. Kavitha, A. Pinky sneha, G. Padma.** of EEE Department have secured 1st PRIZE in TECH QUEEEZ -2011 MRECW.
- **I. Sushma raj, KGRL sindhuja III EEE** have secured 1st PRIZE in Intra college technical fest “TECHNO VISSION MRECW”
- **R. Abinaya, T.Vasanthi- II EEE** have secured 1st PRIZE in Intra college technical fest “TECHNO VISSION MRECW” .
- **A. Pragathi** of MRECW Participated and stood First Prize in REDUCTA in MRECW (FUTURE SASTRA-2K12).
- **V.S.S Lavanya, B.Sarika** of III EEE Presented a paper on Technostav-2k12 in Sri-Indu College, Ibrahimpatnam.
- **V.S.S Lavanya, K. Revethi** has Presented a paper on Electrophoretic Display in FACEIT 2K12 in ACE Engg College.
- **V.S.S Lavanya, K. Revethi** has Presented a paper on Biomass Electrification in Promethean-2k12 in B.V Raju Institute of Engg.
- **M. Chaitanya reddy** attended a national level workshop on “ROBOTICS” at vasavi engineering college.
- **A. Pragathi & G. Santhoshi** participated at MATHS MANIA at VNR VJTIET.
- **R.S. Himabindhu & K.G.R.L. Sindhuja** participated in MATHS MANIA at VNR VJTIET.
- **A. Alekya Reddy, R. Jhansi, Sabika Roofi** participated in Project XPO in CONVERGENCE 2K12 at VNR VJTIET on Automatic Load Sharing of a Transformer.
- **G. Durga Keerthi & I. Sravya, A. Pinky Sneha** participated in Project XPO in CONVERGENCE 2K12 at VNR VJTIET on Aero Dynamic Wind Mill with Reverse Charge Protection in Rural Areas Applications.

- **G. Durga keerthi and A. Alekya Reddy** presented a paper on MAGLER –TRAINS in CONVERGENCE 2K12 at VNR VJTIET.
- **K. Swathi, Indu & Ravalii** participated in PPT for the topic ROBOTICS in National level symposium.
- **Asha jyothis of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations.
- **Swathi of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations.
- **Mounika III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations.
- **Shahnaz of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations.
- **S. Sruthi of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations
- **Y. Sirisha of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations
- **Anvitha of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations
- **Vasanthi of III EEE** participated in Electro Spark an technical quiz competition held in VNR named Scintillations
- **K. Alekya of III EEE** has Presented a paper on ROBOTICS at JNTUH.
- **K. Swapna, A. Sowjanya, R. Mounika** participated in technical quiz at CMEC.
- **K. Swapna, R. Mounika** has Presented a paper on ROBOTICS at VNR VJTIET.
- **M. Chaitanya Reddy** attended a Work Shop on ROBOTICS at Vasavi College.
- **P. Divya Chandana, J. Pushpalatha, B. Madhavi** Participated in technical quiz at EXODIA 2K12 at MRCEW.
- **G. Durga keerthi & K. Swathi Priya** presented a paper on Converting Waste Heat to Electricity in MRECW (FUTURE SASTRA-2K12)
- **D. Shalini & Sharanya** presented a paper on Wir less Communication in MRECW (FUTURE SASTRA-2K12).
- **D. Shalini, A. Pragathi & R.S. Himabindhu** Participated in technical quiz in MRECW (FUTURE SASTRA-2K12)
- **G. Devi** presented a paper on & also Participated in technical quiz in MRECW (FUTURE SASTRA-2K12).
- **K. Swetha Reddy** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **M. Chandhi Prasanna** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **CH. Divya Reddy** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **B. Sruthi** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **B. N Sushma** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **G. Sneha Bushan** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **CH. Sravani** participated in Young Engineer in MRECW in FUTURE SASTRA-2K12.
- **B. Sruthi & B.N Sushma** presented a paper on Power Electronics at MRECW in FUTURE SASTRA-2K12.
- **B. Bindhu & B. Sindhu** presented a paper on Witricity at MRECW in FUTURE SASTRA-2K12.

Department of Computer Science Engineering & Information Technology:



Faculty publications:

- **Mr. M. Sridhar, Asst Prof. CSE** published Paper on “Hybrid Modular Approach for Anomaly Detection System”. International Journal of Computer Applications 14(8): 1–7, February 2011. Published by Foundation of Computer Science.
- **Mr. M. Sridhar, Asst Prof. CSE** International Conference on Advanced Computing & Communication Technologies (ICACCT-2008) On 08-09 Nov, 2008. Paper on “Clustering Techniques – Past, Present, Future” at Panipat
- **Mr. M. Sridhar, Asst Prof. CSE** International Conference on Advanced Computing & Communication Technologies (ICACCT-2008) On 08-09 Nov, 2008. Paper on “Clustering Techniques – Analysis, Comparative Study and Emerging of new Problems” at Panipat.

Faculty Ph.D registrations:

- **Mr. Ramesh Babu** – Pursuing PhD.
- **Mr. M. Sridhar** - Pursuing PhD.
- **B.V.S.S.N. Pavan Kumar** - Pursuing PhD.

Guest Lectures organised:

- **Mr. Chetanya** given on Web Daigning on 25-02-12.
- **Vijay kumar, CH** given on Android Applications.
- **Srinath** given on Android applications.
- **Sumalatha** given on Soft Skills.

Faculty attended workshops & conferences:

- **Ms. V. Narmada, Asst Prof, CSE** Attended Workshop on Embedded System using 32-bit Processor Organized by MRCET Pantech Solutions Pvt. Ltd
- **Mrs. M.S. Mohana, Asst Prof, CSE** Attended Workshop on Embedded System using 32-bit Processor Organized by MRCET Pantech Solutions Pvt. Ltd, attended National convention for academics and research. CAR-2011 & attended workshop on C language organized by Narayanamma Engineering College for Women
- **Mr. P. Phanindra Kumar, Asst Prof. CSE** attended workshop on Java frame work organized by CVR College of Engineering
- **Mr. G. Bhanu Prasad, Asst. Prof. CSE** attended workshop on java frame work organized by CVR College of Engineering.
- **Ms. Kavitha, Asst. Prof** attended workshop on C language organized by Narayanamma Engineering College for Women
- **Mr. M. Sridhar, Asst Prof. CSE** Attended National Workshop On "CLOUD COMPUTING", on 4-01-2012 at CVR college of Engineering
- **Mr. M. Sridhar, Asst Prof. CSE** Attended TWO DAY WORKSHOP ON "CLOUD COMPUTING LANDSCAPE" Sponsored by Department of Science & Technology (DST) at SR International Institute of Technology, from 28-12-2011 to 29-12-2011.
- **Mr. M. Sridhar, Asst Prof. CSE** Attended Workshop on "NETWORK PROGRAMMING AND SIMULATORS" from 5-07-2010 to 10-07-2010 at G. Narayanamma Institute of Technology & Science

Student achievements:

- Susmitha singh & M. VINEELA III BTECH - I PRIZE in paper presentation (mummification of dead) – MREWCW
- Susmitha sing & V. Aparna III BTECH- I PRIZE in paper presentation (digital jewellery) MREWCW
- M. Anjali bhai III BTECH-attended workshop on Testing software system tools in VNR VJIT
- K. swetha pushpa III BTECH- I PRIZE in essay writing(nuclear energy) – MREC
- K. Hima bindu III BTECH- I PRIZE in documentary (military robots) – MREWCW
- K. Hima bindu III BTECH- II PRIZE in paper presentation(nanotechnology) – MREWCW
- K. Priya darshini III BTECH- II PRIZE in mock interview – DRKCET
- B. Harika reddy & j. kavya sreshta III BTECH- has participated technical event (mission impossible)- IARE
- P. Nandini III BTECH- attended workshop(ethical hacking)-NIT(warangal)

- K.I. Manasa & K. Srividhya III BTECH- III PRIZE in mini project(web technologies) MRECW
- V.C. Sirisha III BTECH-attended Mock interview in DRK college
- Bhavana III BTECH-attended workshop on Testing software system tools in VNR VJIT
- M.N.B. Sirisha III BTECH-attended workshop on Testing software system tools in VNR VJIT
- K. Mounika III BTECH-attended workshop in Sai Sudheer engineering college for women
- N. Divya Sri III BTECH- participated in Technical Quiz in Sai Sudheer engineering college for women
- K. Swetha Pushpa III BTECH- participated in technical quiz in MRITS
- K. Sirisha II BTECH - I PRIZE in Throw ball conducted at MREWCW
- M. Jyoshna Sri II BTECH - I PRIZE in Throw ball conducted at MREWCW
- M. Sravya II BTECH - II PRIZE in Technical Quiz conducted at MREWCW
- Samreen Sulthana II BTECH - II PRIZE in Caroms conducted on Women's day at MREWCW
- S. Sravanthi II BTECH - II PRIZE in Technical Quiz conducted at MRECW
- E. Sheyny Sruthi II BTECH - II PRIZE in Throw ball conducted at MRECW
- K. Bhavani II BTECH - II PRIZE in paper presentation conducted at MRECW
- D. Aparna II BTECH - II PRIZE in paper presentation conducted at MRECW
- B. Monica III BTECH- participated in Technical Quiz at MRITS
- M. Swetha II BTECH - I PRIZE in Non-Technical Quiz -MRCET
- J. Sai Sharanya II BTECH - I PRIZE in Non-Technical Quiz -MRCET
- A. Manogna II BTECH - I PRIZE in Throw ball - MREWCW
- K. Shirisha II BTECH - I PRIZE in Throw ball - MREWCW
- A. Akshitha II BTECH - I PRIZE in Throw ball - MREWCW
- Aishwarya II BTECH - I PRIZE in Web design - MREWCW
- P. Darshana II BTECH - I PRIZE in paper presentation - MRCET
- M. Sravya II BTECH - I PRIZE in paper presentation – MRCET.
- Manoj Lalitha Jain II BTECH - II PRIZE in Debate - MREWCW.
- M. Sri Varsha II BTECH - II PRIZE in Technical Quiz – MRCET.
- M. Pranaya II BTECH - II PRIZE in Technical Quiz – MRCET.
- T. Rudhira II BTECH - II PRIZE in Technical Quiz – MRCET.
- P.K.N. Lakshmi IV BTECH - Presented a paper in Kakathiya institute of technology and sciences in Warangal.
- Mithali kulkarni IV BTECH - presented paper on Google earth in St.Martins Engineering college.
- M. Prashanthi IV BTECH - presented a papaer on Cloud Computing in Narsimha Reddy Engineering College.
- B. Anjali IV BTECH - presented a paper in kakathiya institute of technology and sciences.

Humanities & Science Department:

Faculty Achievements:

- P. Indira Priyadarshini published a paper on "developing writing skills for professional students a case study" in ELT@I.
- P. Indira Priyadarshini presented a paper in a UGC national seminar conducted by S.V. University on the topic "tagore and contemporary relevance" and won the cash prize for second position.
- P. Indira Priyadarshini attended a workshop on English language training IN CIFFL (IFLU).
- P. Indira Priyadarshini attended a seminar on "literary trends in S.V.University.
- G. Karuna kumari communicated a paper on "New concepts in Emerging languag to all India Federation of Teachers organization" new Delhi in 2010 – 2011.
- Mrudhula chugh presenting a paper in national seminar on "role of nanotechnology in environmental protection" in JNTUCE-PULIVENDULA on 10-11th feb-2012.
- Mrudhula chugh attended a workshop in JNTUH, on nanotechnology in Aug – 2011.
- Mrudhula chugh attended FDP Programme in CMR Engineering college Hyderabad in july – 2011.
- Dr. K. Sunitha published International journal on "MHD study free convection flow frow vertical surface in porous medium"- journal of computer and mathematical sciences.
- Dr. K. Sunitha published International journal on "Radiation and effects of mass transfer on flow past on impulsively started isothermal vertical plate.

I year -Student activities & winners list for the academic year 2011-12

We believe in encouraging extra- curricular activities which provide the podium for all the innovative and creative talent and strengthen the innate skills with a motto to polish over students from day one of admission by organizing at least one activity per month.

- G. Madhuri of CSE - I prize in Mehandi competition.
- R. Spoorthy of EEE – II prize in Mehandi competition
- V. Akarsha of ECE - I PRIZE in dance competition in the Event "XFACTOR – the Talent show" conducted at MREWCW.
- C. Vishwanayana of ECE - I PRIZE in singing competition in the Event "XFACTOR – the Talent show" conducted at MRECW.
- S. Supriya of CSE - I PRIZE in poetry competition in the Event "XFACTOR – the Talent show" conducted at MRECW.
- Ankitha Mahanty of ECE- I PRIZE in Art competition in the Event "XFACTOR – the Talent show" conducted at MRECW.

- K. Ravalii of EEE - I PRIZE in Art competition in the Event "XFACTOR – the Talent show" conducted at MRECW.
- A. Deepthi Rekha ECE- I YEAR I PRIZE in CRAFT competition in the Event "XFACTOR – the Talent show" conducted at MRECW.
- Ankitha Mahanty of ECE- I YEAR I PRIZE in Ad-making competition conducted at MRECW.
- K. Harshitha of ECE I YEAR II PRIZE in Ad-making competition conducted at MRECW.
- Rashika of EEE - I prize in Rangoli competition.
- Divya rani of EEE - II Prize in Rangoli competition.
- Prathiba special prize in Rangoli competition.

Department of Master of Business Administration

Faculty Achievements:

- Mrs. Shailaja: Attended Faculty Development Program in Malla Reddy Institute Of Business Admin
- Mrs. Shailaja: Attended Seminar in Change Management in Aristotle PG College.
- Mr. Bobjee Prasanna: Attended faculty development Program in Sri Venkatewara University.
- Mr. Bobjee Prasanna: Attended Seminar Sessions conducted by Subba Rao in Nandyala In RK Degree College.
- Mr. Bobjee Prasanna: Attended Seminar Sessions by Mr. TV Rao In Human Resource Development in Aurora College.
- Mrs. N. Swapna: Attended faculty Development Program conducted in Malla Reddy Institute of Business Administration.
- Ms. Shanthi priya: Attended faculty Development Program conducted in Malla Reddy Institute of Business Administration.
- Ms. Shanthi priya: Attended Seminar Session by Mrs. Swathi in Swami Vivekananda Institute of Technology.

Guest Lecturers Organized:

- Project Guidance Work shop is organized on 10/03/2011.
- SPSS (Statistical package for social sciences) work shop is organized on 20/12/2011.
- Dr. Y. Rama Krishna delivered lecture on Fundamental and technical Analysis during 2/01/2012 to 4/01/2012.
- Dr. V. Srinivas delivered lecture on Funds flow and Cash flow analysis during 17/03/2012 to 20/03/2012.

Centre for Development of Communications Skills

Language is essential for expressing ideas, opinions, views, emotions etc. It is an effective means to effective leadership. One of the essential qualities of an effective leader is the command over oral ability in the language of communication. In other words effective oral communication is a key to successful leadership. The department has been working hard to bring about a sea change in the methodology of teaching, evaluation and designing the language curriculum to suit the various levels of students

Activities:

- Training programme on Business English certification course for engineering students leading to Business English certificate, Cambridge University, UK, LONDON.
- Student workshops on effective communication skills. ■ Time Management
- Problem Solving ■ Communication Skills ■ Soft Skills ■ Team Building
- Adapting to Corporate Life ■ Inter-Personal Skills ■ Interview Skills
- Presentation Skills ■ Big-Fight (Debate) ■ Just A Minute ■ Group Discussion

Training for Business English Certification by Mrs. Suman Trainer from British Council



Admin office: “Keeping together is progress, working together is success.”

In achieving success, the admin office headed by Administrative Officer, Ms Parvathi, an experienced person in this field, has her indispensable role. Her rich experience was transformed into action managing multifarious responsibilities.

Department of Physical Education:

It is well known that only a sound body can boast of a sound mind. Sports and games give the youngsters an opportunity to lead as well as be lead. Thus, sports help to bring out and nurture the qualities of leadership. At MRECW Students are encouraged to participate in a way that suits their interests and abilities. The sports facilities provided by the college include indoor and out door games.



Traditional day:

We are proud of our ancient culture and traditions, transcending the culture to future generations is the duty of every individual. The students of MRECW are pioneers in keeping up our rich cultural heritage.



Staff club:

Every month all the faculty members get together under the canopy of staff club to celebrate the events like festivals, Birthdays and any special accomplishments among staff members.

Library:

Our Library services are fully computerized with uploaded software “KOHA” and had a tremendous collection of 12902 volumes and 2632 No of Titles. We have 42 International Journals and online 54 National journals subscription.

British Library Institutional membership and DELNET membership has also been provided in the library to help the students and staff. Digital library with internet facility for 30 systems has also been provided for both the staff and students.

Engineers day:

Great minds ‘discuss ideas’ is a proven saying by great engineer Mokshagundam Vishweshwaraiah. In his memory the day remembered his contribution to today’s technological progress. The celebrations gave an agenda for innovation and quality research.

Teachers day:

The teacher is an architect of future and disseminator of values. To commemorate the great stalwart teachers who radiated knowledge, Teachers day celebrations were organized by the students as token of gratitude for preparing them to face the challenges of destiny.

Competitions organized:

- Young women Engineer
- Paper presentation-Eminent women personality
- Short movie making on how to empower women
- Web design contest
- Imitation of women role models

Sports Competitions:

Volley ball, throw ball, chess & caroms.

Swami Bhodhamayananda maharaj (From Vivekananda Institute of Human excellence) - delivered a lecture on "Personality development"





Training & Placement cell:

A separate Training & Placement wing exists for outgoing students for placements and higher studies in India & abroad along with soft skill Training & Entrepreneur development training.

Training and Placement Officer : **Mr. B.V.S.P. Pavan Kumar**

Activities

- Approaching various prospective employers
- Integrated Industrial Training for students and faculty
- Giving Pre-Placement Training to students
- Arranging On Campus and Off Campus interviews.
- Arranging Industry interaction
- Arranging Personality Development Programmes

Campus Placements:

MNC companies recruited 2011-12 passed out students:



Pre-Placement Training Programmes Organized:

Training for Employability Enhancement Skills:

- Comprehensive Training for Placement Aptitude Tests for IV year students before each placement drive.
- Technical training (C & Data structures, DBMS, JAVA, Computer networks, MPMC etc.) which helps them for Technical Tests & technical interview before each placement drive.
- Mock placement drives
- Soft skills Training Program for II year students(2 periods per week)
- Comprehensive Training for Placement Aptitude Tests for III year (3 periods per week).
- Group Discussions for II&III year students(1 period per week)

Training for Value Added Certification Courses:

- College takes privilege for providing training in Sun Micro Systems (Java) and Micro Soft(.NET) Certification to on -going students for one month during summer vacation to train the students about the Industry needs.
- College initiated to offer CCNA (CISCO Academy) certification training programme for ECE & CSE Students
- NASSCOM-NAC Assessment test conducted to IV year students for better placement opportunities.

Business English Certification(Cambridge University U.K) Training Programme:

- In order to improve the listening, writing, Speaking & reading Skills of the student training course is offered in the college wherein the students will obtain their certificate from Cambridge University U.K

Training through Co-curricular activities:

- To encourage the participation & involvement of the students in co-curricular activities we have specially earmarked one period of the curriculum every day to improve all round performance of the students which is very essential for placements.

Registered in Jawahar knowledge Center (JKC) :

- Our college is registered for JKC by Virtue of which our students are imparted training to face the interviews and is also given opportunity to get themselves placed in reputed companies.

e-Learning and Training:

- e-Learning and Training, e-Assessment, career connect and Industry Connect Programmes are organized for our Students through Globarena Technologies Private Limited Hyderabad

Campus Placements: List of various MNC companies recruited 2011-12 passed out students:

- Computer Science Corporation(CSC) • HCL Commnet • TCS
- KEANE NTT DATA COMPANY • DELL • HCL Technologies
- TERADATA • Syntel • INFOSYS • CAPITAL IQ • GENPACT
- COGNIZANT • Wipro(Tech support) • IBM(Tech support) • HDFC
- GLOBAL MANAGEMENT • AMAY INDIA

