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2018

# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Permanently Affiliated to JNTUH and Approved by AICTE, New Delhi, Accredited by NBA & NAAC with A-GRADE, ISO 9001:2015 Certified)



# SANKETHA

EAMCET/ICET Code: **MRCW**

**WOMEN EMPOWERMENT WORLD**

• **Ranked by MHRD NIRF**

Indian Ranking-2018, Govt. of India

• Accredited by

**NBA** AICTE, New Delhi.

• Accredited by

**NAAC** with 'A' GRADE

• **Permanently Affiliated**

to JNTUH

• **ISO 9001 : 2015**

Certified Institution

• **College of The Year - 2017 Award**

from Silicon India Education

• **Best Engineering College in**

**Telangana & A.P. Award**

from International Education Awards, Time Cyber Media Pvt. Ltd.

• **Education Leadership Award**

by Dewang Mehta National Educational Awards.

• **Engineering Educators Award**

from University of Bradford, U.K

• **Research & Development Cell**

for Effective Research

• **CDCS** - Centre for Development of

Communication Skills

• **ROBOTICS** - Centre of Excellence



[www.mallareddyecw.com](http://www.mallareddyecw.com)

# NEWSLETTER



# SANKETHA

NEWSLETTER

## Chairman's Desk

I convey my hearty greetings and warm wishes to the Principal, staff and students of MRECW for successfully releasing the 8th volume of the college Newsletter-SANKETHA. MRECW achieved remarkable progress and has shown immaculate skill in meeting the evolving requirements of the industry. I believe that MRECW, with its unique approach is incomparably superior in ensuring that there is no stone unturned to equip their young students of today to face the challenges of the future and is standing out as a special asset to the entire Malla Reddy Group of Institutions. I congratulate all the students and staff for having reached great heights of progress and achieving greater credentials every year for the institution like Ranking by Govt. of India, MHRD NIRF-Indian Ranking-2018, as one amongst the Top Nine Engineering Colleges in Telangana State, NBA Accreditation, Accreditation by NAAC with 'A' grade, ISO 9001:2015 Certification, Permanent Affiliation to JNTUH - the only Women's College in Telangana State to achieve all this. My hearty congratulations to all the students, Principal and staff for achieving University highest Pass Percentage and especially to the student who secured University Gold Medal as academic topper of all JNTUH affiliated Colleges. My special wishes to the students who are successfully placed in reputed MNCs this year. Best wishes to the future World Class Engineers.



### Sri. CH. Malla Reddy

Founder Chairman, MRGI  
Honourable Member of Parliament  
Malkajiri Constituency, Govt. of India.

## Secretary's Message



### Sri. Ch. Mahender Reddy

I am happy to acknowledge the appreciable progress of MRECW during the academic year 2017-18. I extend my hearty congratulations to all the staff and students in this regard. Talent, Innovation, Dedication and smart work are the need of the hour to reach the pinnacle of glory. I advice the students to capture every opportunity provided in the excellent teaching-learning ambience of MRECW and to emerge out as successful engineers of the future era, well equipped to face every challenge of life. My Best Wishes to all the inquisitive technocrats.

### Dr. Ch. Bhadra Reddy

Education is the fundamental requirement for the sustained growth of life. MRECW has been following its own stride in imparting this, through high quality technical education, supported by quality engineering skills, in the form of curricular and co – curricular activities. I congratulate all the students and staff for having reached heights of performance.



MRECW stands for excellence and continuously sets the highest standards. We believe in all-round holistic development of our students who are the future citizens of this great country and the world. Our motto is to foster excellence in education, develop leadership qualities and imbibe good moral and ethical values inculcating admirable levels of dignity, decency and discipline to produce industry ready world class engineers. At MRECW, we make this possible through an organically developed unique methodology that consists of highly diverse set of technical courses, interdisciplinary research projects, interaction with industry, value added certification courses, project based training programs, application-oriented teaching, real-time projects of utility value, workshops, expert lectures and exposure to entrepreneurship & personality development programmes. We aim at empowerment of women by inculcating the spirit of high ambitions, healthy attitudes & multidimensional excellence in our students through a wide range of counseling, personality development & social welfare programmes. We feel proud to state that this meticulous planning and implementation of all our activities has achieved great milestones for the Institution like Ranking by Govt. of India, MHRD NIRF-Indian Ranking-2018, as one amongst the Top Nine Engineering Colleges in Telangana State, NBA Accreditation and NAAC Accreditation with 'A' Grade and extraordinary Academic Excellence & Placements Track for the students.



**Dr. Y. Madhavee Latha**

B.Tech, M.Tech, Ph.D, LMIETE, MIEEE, LMISTE, MCSI.  
Professor of ECE.

Recipient of "Most Innovative Principal-Engineering Colleges in Telangana State Award" from Time Cyber Media Pvt.Ltd., "Best Principal Award for Excellence in Education" by Global Leader Foundation and "Woman in Education Award" from Dewang Mehta National Education Awards.

It's my privilege to thank the visionary management for providing world-class infrastructure and constant financial support. I congratulate all the faculty members for their dedication, commitment and co-operative team work which have helped in the success of MRECW. My Hearty Congratulations to the students who are placed in reputed MNCs in the placement drives held during the academic year 2017-18. I wish the students of MRECW all the best to achieve greater success and scale new heights in education and their career ahead.

## Programmes Offered

### UG Programmes (A. Y. 2017 - 18)

■ Electronics and Communication Engineering	240
■ Computer Science and Engineering	240
■ Electrical & Electronics Engineering	60
■ Information Technology	60

### PG Programmes (A. Y. 2017 - 18)

■ M.Tech in Embedded Systems	24
■ M.Tech in Computer Science & Engineering	24
■ Master of Business Administration	60

### *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 the 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 programmes.
- To create pleasant academic environment for generating high level learning attitudes.

## SPECIAL ACHIEVEMENTS

- Ranked by Govt. of India, MHRD NIRF-Indian Ranking-2018.
- Accredited by NBA, AICTE, New Delhi.
- Accredited by NAAC with 'A' Grade, UGC, Govt. of India.
- ISO 9001:2015 Certified Institution.
- Permanently Affiliated to JNTUH.
- 2(F) & 12(b) Recognized under UGC Act 1956 & Applied for Autonomous Status.
- Received "College of The Year-2017 Award" from Silicon India Education.
- Received "Best Engineering College in Telangana & A.P. Award" from International Education Awards, Time Cyber Media Pvt. Ltd.
- Received "Education Leadership Award" from Dewang Mehta National Education Awards.
- Received "Engineering Educators Award" from University of Bradford, U.K.
- Principal received "Most Innovative Principal-Engineering Colleges in Telangana State Award" from International Education Awards, Time Cyber Media Pvt.Ltd.
- Principal received "Best Principal Award for Excellence in Education" from Global Leader Foundation.
- Principal received "Woman in Education Award" from Dewang Mehta National Education Awards.
- University Gold Medal Winner - 2017 passed out B.Tech EEE student, M. Shruthi.
- More than 2500 students are placed in Reputed MNCs during 2012-2018.
- MOU with University of New Orleans, Louisiana, U.S.A.
- MOU with International Technological University, Silicon Valley, U.S.A.
- MOU with IBM & Tech Mahindra for Technology Exchange Programmes and Placements.
- Microsoft Innovation Centre- 1st Women's Campus in India – started in the year 2013.
- CISCO International Certification Authorized Centre-2012.
- Oracle Academic Partner for JAVA Certification-2012.
- Business English Certification (BEC) Centre, University of Cambridge, U.K.
- Oxford Achiever's Certification, Oxford University Press, India.
- Robotics- Centre of Excellence.
- Life Member of ISTE since 2010.
- Member of IEEE XPLORE DIGITAL LIBRARY, CSI, TASK, DELNET, BRITISH LIBRARY, JGATE & HMA.
- IEEE, IETE, CSI & ISTE Professional Student Chapters.
- Examination Centre for GATE, EAMCET, TSGENCO, TSTRANSCO, JLMRT, AERT & BANK EXAMS.
- Registered Alumni Association & NSS Unit.

## INNOVATIVE PRACTICES

- Employability Enhancement Training Programmes for II, III & IV Year Students.
- Robotics Training Course from II-IV year to provide Robot Designing skills for various applications.
- Project Based Training for I, II, III & IV B.Tech Students.
- Regular conduction of Mock Placement Drives for I, II, III and IV years.
- Finishing School Training Programmes for Final Year Students for technology enhancement.
- Value Added Certification Training Programmes - CISCO, Microsoft, Oracle, Business English Certification (BEC) and Oxford Achiever's Certification.
- Personality Development Training Programmes by Eminent Experts.
- Expert Lectures by persons from Reputed Universities and Industries.
- NPTEL Video Lectures.
- LCD Projectors in every classroom to facilitate effective Teaching-Learning.
- Course Files, Digital Notes and Lab Manuals for Effective Instruction.
- Student Seminars and Conferences.
- Mentoring and Counseling to inspire students.
- Additional Counseling for Hostellers.
- Special classes for Hostel students from 4:30pm to 6:30pm.
- Meditation Classes for Personality Development.
- Merit Scholarships for 1st & 2nd Rank holders for all Departments.
- Young Engineer Award for the Best Performers in Final Year.
- Faculty Development Programmes-National & International Conferences, Workshops & Refresher Courses.

## TECHNICAL AND MANAGEMENT SYMPOSIUMS

**FUTURE SASTRA – 2K18** - National Level Technical Symposium on 6th & 7th January, 2018.

### Events Organized:

- **IEEE:** ECE & EEE-Paper Presentation, T-Hunt(Technical Treasure Hunt-ECE), Robo Exhibition, Line Tracer(Technical Treasure Hunt-EEE)
- **ISTE:** Mock Interview, Poster Presentation on Vision India @ 2050, Innovative Idea Presentation for Greater India, Start up–Business Plan, Technical Puzzles, EEE Technical Fair(Model Exhibition), Science Project Expo, Logic Mantra, Case Analysis Group Discussion and Image Interpretation
- **IETE:** ECE Technical Fair, Technical Picture Interpretation, Mini Project Expo, Technowiz
- **CSI:** CSE & IT Paper Presentation–Innovations in Computer Science and Engineering, Tech Hunt (Tehnickal Treasure Hunt-CSE), Master of 'C', App Development Contest, Code Contest, Brainy of Java, Pictomania-Picture Interpretation, Tech Orator

**MEDHA – 2K17** - State Level Technical Symposium on 19th August, 2017.

### Events Organized:

- **IEEE:** ECE & EEE-Design Contest, Project Expo and Science Expo
- **ISTE:** Mock Interview, I.Q Test, General Quiz and Best Orator
- **IETE:** Project Expo, Fun with MATLAB
- **CSI:** Code Contest, C Quiz and Idea Presentation for App Development

## FUTURE SASTRA - 2K18 NATIONAL LEVEL TECHNICAL SYMPOSIUM



## MEDHA-2K17 STATE LEVEL TECHNICAL SYMPOSIUM



## STUDENT DEVELOPMENT PROGRAMMES

1. **Techno Vision -2k18-State Level Project Expo** for Inspiring Innovation on 29th March, 2018
2. **Software Hackathon** for II & III Year Students from 16th to 21st February, 2018
3. **Software Hackathon Expo** on 26th February, 2018
4. Workshop on **R Programming** for IV Year B.Tech Students from 6th to 30th March, 2018
5. Workshop on **Java Programming** for IV Year ECE Students from 6th to 17th March, 2018
6. **Project Exhibition** for III Year B.Tech students on 7th October, 2017
7. Workshop on **Python** for II B.Tech Students from 9th to 21st October, 2017
8. Workshop on **MATLAB** for I B.Tech Students from 19th February to 1st March, 2018
9. Student Intra College Conferences for I, II, III & IV year students on “**Technical Advancements in Computer Science and Engineering**”, “**Technical Advancements in Information Technology**”, “**Emerging Trends In Electronics & Communication Engineering**” & “**Emerging Trends In Electrical & Electronics Engineering**”
10. **Business Plan Competition** for B.Tech and MBA students on 25th October, 2017
11. **Elocution Competition** on Positive Thinking on 29th July, 2017
12. Poster Presentation on **Women Eminent Personalities** on 31st July, 2017
13. **Essay Writing Competition** on “Contribution of Engineers to the society”- for all B.Tech Students on 11th September, 2017
14. Poster Presentation on **Great Engineers** on 13th September, 2017
15. Power Point Presentation on **Technology Development @ 2050** on 14th September, 2017
16. Poster Presentation Competition on **Eminent Management Personalities** for MBA students on 26th December, 2017
17. **Debate Competition** on 31st January, 2018.
18. Essay Writing Competition on “Role of Women in Society Today” & “Tips for Women Safety” on 6th March, 2018.
19. Product Launch & Ad-Making Competition for MBA students on 10th March, 2018
20. Business Analytics Competition for MBA students on 31st March, 2018

### Student Achievements

S.No	Department	No of Publications/ Presentations	No of Prizes Won
1	CSE	20	115
2	ECE	16	101
3	EEE	10	41
4	IT	9	45
5	I YEAR	15	150
6	MBA	32	26



## STANDARD EVENTS ORGANIZED BY THE INSTITUTE

1. **Engineers Day – 15th September, 2017** – Young Engineers Awards have been presented to Best All Round Performers  
**Events Organized:** Poster Presentation on Great Engineers, Power Point Presentation on Technology Development @ 2050 and Essay Writing Competition on “Contribution of Engineers to the society”
2. **Women’s Day Celebrations – 2K18 – 8th March, 2018** – Chief Guest: Smt. Ch. Kalpana, w/o. Shri. Ch. Malla Reddy, Hon’ble Member of Parliament, Govt.of India.  
**Events Organized:** Paper Presentation on “Transition of Women Engineers in Indian Domains- Opportunities and Challenges”, Poster Presentation on Eminent Women Personalities- Models of Achievement”, Essay Writing Competition on “ Role of Women in Society Today” & “Tips for Women Safety” and Role-Play Competition.
3. **Graduation Ceremony – 1st July, 2017** - for 2013 – 2017 Batch students
4. **Orientation Programme – 24th July, 2017** for I year B.Tech students
5. **Interaction Day – 5th August 2017-** to build a good relationship between seniors and juniors
6. **Parent - Teacher Meet – 14th October, 2017** for I-IV Year B.Tech Students and 17th March, 2018 for I-III B.Tech students.
7. **Alumni Meet - 30th December, 2017**
8. **Success Meet: 7th April, 2018**
9. **"Tarang-2k18" - Cultural Fest on 6th & 7th January, 2018**
  - **"Musical Show" by Ms.Valli Gayathri** , Singer and **Mr. Sri Teja**, Famous Play Back Singer.
  - **Mr. Sridhar Rao**, Movie Actor & Leading Model - Guest and Judge for Fashion Show Competition.
  - **Ms. Karuna Bhushan**, Actor, Mogalirekulu & Abhishekam TV Serials Fame- Special Guest and Judge for Fashion Show & Singing Competition.
  - **Mr. Vicky**, Dance Master-Guest and Judge for Dance Competition.
  - **Mr. Abhi**, Actor, SasiRekha Parinayam & TeneManasulu TV Serials Fame- Chief Guest for Valedictory Function.  
**Events Organised:** Dance, Singing, Fashion Show, X-Talent, Rangoli & Mehendi
10. **Ahlaad - 2K18– Cultural Fest on 4th February, 2018.** Music Show by Celebrity Guest - **Ms. Geeta Madhuri**, Famous Playback Singer and Dance Performances
11. **Vijayotshav - 2K18 - Annual Day & Decennial Celebrations - 23rd March, 2018**
12. **Teacher’s Day - 5th September, 2017**
13. **Farewell Day Celebrations– 31st March, 2018**
14. **Kite Festival on 11th January, 2018**

15. **"Musical Show" by Famous PlayBack Singer Ms. Parnika Manya** on 14th July,2017

16. **Bathakamma Celebrations and Traditional Day** on 23rd September, 2017

17. **"Musical Show" by Famous Singer Ms. Mounima Chandra Bhatla and Mr. Sri Teja** on 7th October, 2017

18. **Karthika Vanabhojanalu** on 11th November, 2017



## GUEST LECTURES

- Guest lecture on RADAR SYSTEMS for IV ECE Students by Dr. Vijaya Saradhi, Associate Professor, IIIT Hyderabad on 28th December, 2017
- Guest lecture on "Discovering your true Potential & Creating Blue Print for the Future" by Mr. Manash Mishra for all II B.Tech Students on 8th January, 2018
- Guest Lecture on Career Orientation by Mr. Surya Narayana, Senior HR Manager, TCS on 26th July, 2017
- Guest Lecture on Entrepreneurship by Dr. D. Sunitha Prasad on 15th September, 2017
- Guest lecture on Technology of Intention and Emotion for I Year B.Tech Students by Ms.Nain on 10th January, 2018



## INTERNATIONAL CONFERENCES

Four 3rd International Conferences were organized by the Departments of ECE, CSE & IT, EEE and MBA on 2nd & 3rd February, 2018. 125 Best Papers were published in Scopus indexed journal- International Journal of Pure and Applied Mathematics with ISSN: 1311-8080 and impact factor 7.19.

**Chief Guest - Dr. Amiya Bhaumik**, Vice Chancellor, Lincoln State University, U.S.A.

- 3rd International Conference on **Signal Processing, Communications and System Design** (ICSPCOMSD-2018) with ISBN: 978-93-83038-52-7. Session Chair: Dr.V. Anil Kumar, IIIT, Hyderabad.
- 3rd International Conference on **Technical Advancements in Computer Science and Engineering** (ICTACSE-2018) with ISBN: 978-93-83038-53-4. Session Chair: Dr. G. Narasimha, HOD, Dept. of CSE, JNTU, Sultanpur.
- 3rd International Conference on **Emerging Trends in Electrical Systems and Engineering** (ICETESE-2018) with ISBN: 978-93-83038-55-8. Session Chair: Dr. Y. Pradeep Kumar, Department of Electrical Engineering, IIT, Hyderabad.
- 3rd International Conference on **Emerging Strategies for Business Advancements** (ICESBA-2018) with ISBN: 978-93-83038-54-1. Session Chair: Dr. M. Suresh, Dean, Mahatma Gandhi University, Nalgonda.



## FACULTY DEVELOPMENT PROGRAMMES / REFRESHER COURSES / WORKSHOPS

1. **AICTE Sponsored** Two Week National Level Faculty Development Programme on **Speech, Image & Video Processing Techniques, Analysis & Applications** from 6th to 18th November, 2017.
2. Faculty Development Programme on **Open Source Technology** in association with **NITTTR, Chandigarh** from 13th to 17th November, 2017.
3. Faculty Development Programme on **Cloud Computing** in association with **NITTTR** from 23rd to 27th October, 2017.
4. Faculty Development Programme on **Artificial Neural Network And Fuzzy Logic Through ICT of A View** NITTTR, Chandigarh during 24th to 28th April, 2017.
5. Workshop on **Research Methodologies** conducted by Malla Reddy Engineering for Women on 22nd April, 2017.
6. Faculty Development Programme on **Application Oriented Teaching Methodologies** during 3rd to 5th July, 2017.
7. Faculty Development Programme on **Robotics** presented by Robotics Centre of Excellence from 20th to 22nd November, 2017.
8. Faculty Development Programme on **Innovative Methods for Effective Teaching** on 13th December, 2017.
9. Faculty Development Programme on **Innovative Methods for Effective Teaching** conducted by Malla Reddy Engineering for Women on 13th December, 2017.





## RESEARCH & DEVELOPMENT CELL

The R&D Cell was established in 2012 with the Motto to make significant contributions to Technological Advancements. The Cell has been regularly organizing National, International Conferences and Workshops. It also initiates the development of real time projects of utility value through the team work of students and faculty. The R&D Cell coordinates and monitors the research activities carried out by separate teams of faculty and students specifically working on their specialized research areas like Embedded Systems, VLSI, Communications, Signal Processing, Power Systems, Power Electronics, High Voltage Engineering, Data Mining, Network Security and Cloud Computing.

### Patent Right Received

Our Faculty Team attained Patent Right for their Technological Innovation “An Arrangement for Cultivation in a Chamber Using Fuzzy Logic Wind Intelligence Technology”.

**Inventors:** Dr. Y. Madhavee Latha, Dr. V.Vijayaraja, Dr.C.V.P.R.Prasad, Dr. S.P. Anand Raj Dr. P. Manikandan, Dr. N. Sreekanth, Dr. T.S. Ghouse Basha, Dr. K. Ravi Kumar, Dr. T.V. Suryanarayana, B.V.S.P. Pavan Kumar, V. Sundara Rathnam, A. Radha Rani, A. Sanjeev Reddy, G.Bhanu Prasad, G. Prabhakar, N. Raveendra, Smitha Rohidas Khond, Veera Ankalu V., T. Sasivardhan and M. Sreenivasulu Reddy.

## FUNDING PROJECTS APPLIED

- **Research Project Proposal under ICPS (Inter Disciplinary Cyber Physical Systems) Programme-DST.** Project title: An Internet of Things (IOT) and Device based Nanomaterials High Sensitive Electrochemical Glucose Sensor Continuous Monitoring System. Project Cost: 54.90 Lakhs
- **Dr. Y. Madhavee Latha**, Principal & Professor, Department of ECE, applied for AQIS Scheme for SPDP-Skill and Personality Development Programme Centre SC/ST Students.
- **Dr. N. Sreekanth**, Professor & HOD of ECE applied for CSIR Scheme on “Performance Analysis of MIMO-OFDMA Systems in Correlated Fading Channels and Interference”
- **Dr. C.V.P.R. Prasad**, Professor & HOD of CSE applied for CSIR Scheme on “Generating DD/PO/TC through ATM”.
- **Dr. V. Vijayaraj**, Professor, Department of CSE, applied for CSIR Scheme on “Socio-Cognitive Aspects with implementation of Wireless Communications in Cognitive Radio Networks”.
- **Dr. S.P. Anandaraj**, Professor, Department of CSE, applied for CSIR Scheme on “Implement Machine Learning Algorithm (MLA) for Resilient Distribution Datasets (RDD) In Big Data Applications”.
- **Dr. P. Manikandan**, Professor, Department of IT, applied for CSIR Scheme on “Design And Development Of Big Data Integration And Analytics Framework For Cyber Security To Mitigate Cyber Attacks”.
- **Dr. C.V.P.R. Prasad**, Professor & HOD of CSE, applied for AQIS Scheme for STTP-Short term training program.
- **Dr. P. Manikandan**, Professor, Department of IT, applied for AQIS Scheme for STTP-Short term training program.
- **Dr. SK. Gouse Basha**, Professor, Department of ECE, applied for AQIS Scheme for STTP-Short term training program.
- **Dr. SK. Gouse Basha**, Professor, Department of ECE, applied for CSIR Scheme on Effective hybrid techniques for super resolution Image construction
- **Dr. Varadaraj Vijayaraja**, Professor, Department of CSE, applied for AQIS Scheme for STTP-Short term training program.
- **Dr. Ravikumar Rangan**, Professor & HOD, Department of EEE, applied for AQIS Scheme for STTP-Short term training program.
- **Dr. N. Sreekanth**, Professor & HOD of ECE applied for AQIS Scheme for ISTE- Induction / Refresher Programmes.
- **Dr. S.P. Anandaraj**, Professor of CSE applied for AQIS Scheme for ISTE- Induction/ Refresher Programmes.

## FACULTY RESEARCH PUBLICATIONS / ATTENDED WORKSHOPS

S.No	DEPARTMENT	INTERNATIONAL / NATIONAL JOURNALS	INTERNATIONAL / NATIONAL CONFERENCES	ATTENDED WORKSHOPS
1	CSE	25	70	296
2	ECE	25	90	200
3	EEE	16	30	50
4	IT	10	15	62
5	MBA	17	25	52
6	H&S	10	40	51

**No. of Scopus Indexed Journal Publications by Faculty: 81**

## INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

IIPC progresses towards entering into MOUs with various organizations, provides Consultancy Projects for students in Reputed Firms and organizes Industry Visits regularly to provide Practical Technical Exposure to students.

### MOUs

- IBM
- University of New Orleans, Louisiana, U.S.A.
- Tech Mahindra Limited
- BEC, ESOL, Cambridge University, London, U.K.
- Cisco Networking Academy
- Microsoft Corporation (India) Pvt.Ltd., Microsoft Innovation Centre
- Oracle India Pvt.Ltd.
- Oxford University Press Pvt. Ltd.
- Ebek Language Laboratories Pvt.Ltd.
- Vedic School of VISI Design
- Smart Skills Lab
- Unistring Tech Solutions Pvt.Ltd.
- Rofous Software Pvt.Ltd.
- Globarena Technologies Pvt. Ltd.
- Pantech Proed Pvt Ltd.
- Naresh Engineering Technologies
- Shastra Micro Systems
- International Technological University, U.S.A.
- Coign Edu & It Services Pvt Ltd
- Triumphant Institute of Management Education Pvt.Ltd
- Inspire Innovations Pvt. Ltd.
- Northern Arizona University
- Bark Training School
- Best Techno Labs Pvt.Ltd.
- Redhat Academy

## CONSULTANCY PROJECTS

- Jay Robotics
- Imprecise Technologies
- Rofous Software Pvt. Ltd.
- Pantech Solutions.
- Edukinect Technologies.
- Best Techno. Labs.

## INDUSTRIAL VISITS / FIELD TRIPS

- “TS-TRANSCO 220/11KV Substation Shapur” Industry visit for II EEE Students on 5th October, 2017.
- **Environmental Study Forest Tour** for all II Year B.Tech Students from 9th to 14th October, 2017.
- **INFOSYS Industry** visit for III B.Tech Students on 11th October, 2017.
- **INCOIS Industry** visit for III B.Tech Students on 14th October, 2017.
- “Cosmic Enterprises” Industry visit for IV ECE Students on 2nd & 3rd November, 2017.
- “Cosmic Enterprises” Industry visit for IV ECE Students on 9th & 23rd January, 2018.
- **INCOIS Industry** visit for I B.Tech students from 27th January to 5th February, 2018.
- “Central Power Research Institute” for III EEE Students on 16th February, 2018

## HOSTEL

Exclusive well ventilated comfortable College Hostel in good ambience with all amenities.

### Special Features

- Special Classes from 4:30 pm to 6:30 pm
- Soft Skills Training
- Additional Counseling by Senior Faculty
- Meditation Classes
- Aerobics Fitness Training
- Cycling Facility
- Sports & Gym Facilities



## STUDENT COUNSELING AND MENTORING CELL

Regular counseling to students individually by Faculty Counselors once in a month to identify student weaknesses in academics and overall skills and to motivate them to improve their performance. 15 Students are allotted to each Faculty Counselor.

The faculty members are motivated by Dr. B. V. Pattabhiram, World Renowned Motivational Speaker and Psychologist to enhance efficiency in counseling.

Additional Counseling for hostellers once in a fortnight by Senior Lady Faculty in the Department.



## SPORTS ACTIVITIES

MRECW believes that "Only a sound body can boast of a sound mind". To facilitate this and to foster competitive and sportive spirit in the students, the Department provides

- **Outdoor Games** - Basket Ball, Throw Ball, Volley Ball, Badminton, Tennicoit, Kho - Kho, Kabaddi
- **Indoor Games** - Table Tennis, Chess and Caroms.
- Aerobic Fitness Training every week.
- Well equipped Gymnasium facility.

### Events Organized

1. "**Techtrophy-2k18**" - State Level Engineering Colleges Sports Fest on 6th & 7th January, 2018.  
**Events Organized** - Basket Ball, Throw Ball, Volley Ball, Kho-Kho, Table Tennis- Singles, Table Tennis- Doubles and Chess.
2. Intra College Sports Meets.
3. Inaugural Function - **Aerobic Fitness Programme** on 31st December, 2017 with regular conduction then on.

### Student Achievements:

- **Winners of Volley Ball** in Sports Blitz- 2k18 organized by MRCET.
- **Winners of Volley Ball** in Techtrophy – 2k18.
- **Winners of Kho Kho** in Techtrophy – 2k18.
- **Runners of Throw Ball** in Sports Meet organized by MRITS.
- **Runners of Throw Ball** in Techtrophy – 2k18.
- **Runners of Basket Ball** in Techtrophy – 2k18.
- **Runners of Table Tennis Doubles** in Techtrophy – 2k18
- **Runners of Chess** in Techtrophy – 2k18.



- Ms. Navya of I B.Tech-CSE is selected as JNTU Netball Team Player for National Level Sports Competitions & participated in Mangalore University Netball Competitions.
- Ms. Sreeja of III B.Tech-IT is selected as National Level Player for Softball Competition & participated in All India University Competitions at Guru Nanak University, Amritsar.

## MRECW - SOCIAL RESPONSIBILITY

### NSS UNIT

Authorized NSS Unit of MRECW works towards development of the personality of students through Community Service.

#### Programmes Organized:

- **NSS Special Programme** at Adopted Village Gundla pochampalli during 22nd to 28th January, 2018. Chief Guest: Dr. M. V. Reddy, District Collector, Medchal.
- **Activities Conducted:** Survey & cleanliness Campaign, Antiplastic Awareness/Waste Management Awareness, Traffic Awareness Programme by Mr. Vinod Kumar, ACP, Traffic, Balanagar, Eye Donation & Blood Donation pledge by school children, Awareness programme on Organic & Natural farming Cultivation technologies for farmers by Mrs. P. Shailaja Agricultural Officer, Medchal, Health Awareness Programme on Vitamin & Nutritional Deficiencies-Identification & Remedies for school children, Health Camp with free Medicines, Dental Camp.
- **Haritha Haram** - Plantation Programme under MRECW NSS Unit on 8th August, 2017, Chief Guest Sri. Anurag Sharma, Director General of Police, Telangana State Police Department.
- **Go Green - Plantation Programme** under MRECW NSS Unit on 15th July, 2017.
- **Personality Development Training Programme For School Children** on 10th November, 2017
- **Computer Education Programme for Gundlapochampally Government School Children** on 27th January, 2018.
- **Awareness Campaign for Enrollment of Young Electors** on 9th February, 2018
- **Dental Checkup Camp** for I B Tech students on 14th February, 2018.
- **Mega Blood Stem Cells Donor Registration Drive** on 17th February, 2017 for all B.Tech Students.



## PERSONALITY DEVELOPMENT PROGRAMMES

MRECW has established Centre for Human Excellence which organizes Personality Development Programmes.

1. Inspirational Lecture by Sri Sri Sri Tridandi Ramanuja Chinna Jeeyar Swamiji for all B.Tech students on 2nd November, 2017.
2. Personality Development Programme by Dr. B. V. Pattabhiram, World Renowned Psychologist & Motivational Speaker for I-B.Tech Students on 10th October, 2017.
3. Personality Development Programme by Sister Anitha of Brahmakumari Samaj on 4th September, 2017.
4. Personality Development Programme for I.B.Tech Students by Principal and Heads of the Departments on 8th September, 2017.
5. Spiritual Development Programme & Meditation by Mrs.K.Sailaja Rao & Mrs. Padma Rani on 17th to 20th February, 2018
6. Meditation Training for B.Tech students by Acharya Gopiji of Sidha Samadhi Yoga from 21st to 27th February, 2018.



# MEMORABLE MOMENTS

AHLAAD-2K18



FAREWELL CELEBRATIONS



INTERACTION DAY



KITE FESTIVAL



TARANG-2K18



UNIVERSITY GOLD MEDALIST



ALUMNI MEET



BATHAKAMMA CELEBRATIONS



VIJAYOTSHAV-2K18



# TOPPERS OF MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

TOPPERS LIST 2017 PASSED OUT BATCH B.TECH AGGREGATE				
S.No	HALL TICKET NO	NAME OF THE STUDENT	%	DEPARTMENT
1	13RH1A0244	MUGALA SHRUTHI	88.50	EEE
2	13RH1A0230	KANDULA RAMYASREE	85.85	EEE
3	13RH1A04G9	S N B AKHILA	85.28	ECE
4	13RH1A0515	AREGUNTA AMULYA	85.18	CSE
5	13RH1A04G8	RIKKALA MOUNIKA	85.01	ECE
TOPPERS LIST B.TECH IV YEAR				
S.No	HALL TICKET NO	NAME OF THE STUDENT	%	DEPARTMENT
1	13RH1A0470	GOLLA MOUNIKA	93.00	ECE
2	13RH1A04D0	MURARISETTI SAI MOUNIKA	91.00	ECE
3	13RH1A0408	ANNADI KEERTHY	91.00	ECE
4	13RH1A04C8	MOGILI SPANDANA	90.00	ECE
5	14RH5A0411	RODDA THILOTHA	90.00	ECE
TOPPERS LIST B.TECH III YEAR				
S.No	HALL TICKET NO	NAME OF THE STUDENT	%	DEPARTMENT
1	14RH1A0209	CHINDAM SAMATHA	84.00	EEE
2	14RH1A0228	LINGA ANVITHA	84.00	EEE
3	14RH1A0225	KOMMA MANISHA	81.00	EEE
4	14RH1A05C2	KOTA MOUNICA	81.00	CSE
5	14RH1A0214	DODDI MADHURI	80.00	EEE
TOPPERS LIST B.TECH II YEAR				
S.No	HALL TICKET NO	NAME OF THE STUDENT	%	DEPARTMENT
1	15RH1A0204	ARORI SHASHI PREETHI	88.00	EEE
2	15RH1A04L4	SUNKARI SAI SHEETHAL PATEL	84.61	ECE
3	15RH1A0479	GURJALA ANUSHA	84.48	ECE
4	15RH1A0435	BOMMAKANTI SRAVANI	84.24	ECE
5	15RH1A0240	N SAMATHA	83.88	EEE
TOPPERS LIST B.TECH I YEAR				
S.No	HALL TICKET NO	NAME OF THE STUDENT	SGPA	DEPARTMENT
1	16RH1A0461	DEVARAPALLI PRIYANKA	96.00	ECE
2	16RH1A0488	GRANDHI RANGA SANTHOSHI	96.00	ECE
3	16RH1A0463	DODDA DHRUSHYA	95.00	ECE
4	16RH1A0587	K NIVEDITHA REDDY	95.00	CSE
5	16RH1A05D7	MOTADOO SHRUTI	95.00	CSE
6	16RH1A05N5	V SREEJA	95.00	CSE
TOPPERS LIST B.TECH I YEAR I SEMESTER				
S.No	HALL TICKET NO	NAME OF THE STUDENT	SGPA	DEPARTMENT
1	17RH1A04J3	RENATI VINEETHA	96.00	ECE
2	17RH1A05L4	SHIVANI SHIVAPRASAD NAIK	96.00	CSE
3	17RH1A04J2	REGALLA KAVYA SRI	94.00	ECE
4	17RH1A0206	AREYPALLY MAHA LAKSHMI	92.00	EEE
5	17RH1A04A6	KONDA RAMYA	92.00	ECE

## Hearty Congratulations!!!

- To our Principal, **Dr. Y. Madhavee Latha** for achieving 'Most Innovative Principal-Engineering Colleges in Telangana State Award' from Time Cyber Media Pvt. Ltd., 'Best Principal Award for Excellence in Education' from Global Leader Foundation & 'Woman in Education Award' from Dewang Mehta National Education Awards.



- To our Faculty Team who attained Patent Right for their Technological Innovation "**An Arrangement for Cultivation in a Chamber Using Fuzzy Logic Wind Intelligence Technology**".  
**Inventors:** Dr. Y. Madhavee Latha, Dr. V. Vijayaraja, Dr.C.V.P.R.Prasad, Dr. S.P. Anand Raj Dr. P. Manikandan, Dr.N.Sreekanth, Dr. T.S. Ghouse Basha, Dr. K. Ravi Kumar, Dr.T.V.Suryanarayana, B.V.S.P. Pavan Kumar, V. Sundara Rathnam, A. Radha Rani, A. Sanjeev Reddy, G. Bhanu Prasad, G.Prabhakar, N. Raveendra, Smitha Rohidas Khond, Veera Ankalu V., T. Sasivardhan and M. Sreenivasulu Reddy.
- To Ms. M. Shruthi- our B.Tech-EEE 2017 passed out Student for achieving University Gold Medal as Academic Topper among all Affiliated Colleges under JNTUH, Hyderabad.
- To our I Year B. Tech Students for securing Highest University Pass Percentage in entire Telangana State.
- To all the 63 Faculty members who got 100% Student Pass Percentage in their Subjects.
- To 8 Batches of Students (48members) selected in AICTE organized Software & Hardware Hackathon.
- To III Year B.Tech-IT student,V. Rachana who is selected as Student Mentor for Smart India Workshop conducted by JNTU, Ananthapur during 9th to 12th March, 2018.
- To 60 Students who developed 19 Real-Time Projects in Software Hackathon Programme.
- To 60 III year B.Tech students who completed Robotics Module-I & II Certification.
- To 60 II year B.Tech students who completed Robotics Module-I Certification.
- To the 15 students who developed Robotic Projects on Solar Based Smart Garden Maid, Telepresence Robot and Smart Floor Cleaner Robot.

## Robotics - Centre of Excellence

**Established to promote and empower a new generation of Robotics Users and to set a mark in revolutionary Robotics Training. The Centre trains the students in specific Modules to design and develop innovative projects that extend the state of the art in Robotics.**

15 students developed Real Time Robotic Projects on Solar Based Smart Garden Maid, Telepresence Robot and Smart Floor Cleaner Robot.

### Activities Organized:

- **Robotics Level-1 Training Programme** from 4th to 8th October, 2017-Chief Guest- Professor Sean Shan, Mahsa University, Malaysia
- **Robotics Level-II Training Programme** for III Year B.Tech Students from 4th to 16th December, 2017
- Robotics Project Exhibition on 23rd December, 2017
- "**Innovative Idea Poster Presentation on Robotics**" on 23rd December, 2017 for III B.Tech Students
- Workshop on **Robotics** for II ECE students during 2nd to 5th January, 2018
- Workshop on **Robotics** for II ECE students on 18th & 19th January, 2018
- Workshop on **Robotics** for I B.Tech Students from 19th February to 1st March, 2018
- Workshop on **Robotics** for II ECE & EEE Students from 23rd October to 3rd November, 2017



# TRAINING PROGRAMMES



## VALUE ADDED CERTIFICATION TRAINING PROGRAMMES

- **Microsoft Certification** through **Microsoft Innovation Centre - 1st Women's Campus in India**
- **CISCO Certification** through **CISCO Networking Academy**
- **CISCO C Certification** through **CISCO Networking Academy**
- **CISCO Linux Certification** through **CISCO Networking Academy**
- **JAVA Certification** through **Oracle as Oracle Academic Partner**
- **Business English Certification** from **Cambridge University, London, U.K.**
- **Robotics Certification Training Programme.**
- **Red Hat Linux Certification Course.**
- **Oxford Achievers Certification** through **Oxford University Press, India.**

## PROJECT BASED TRAINING PROGRAMMES

Project Based Training Programmes for B.Tech I year - IV year on C, JAVA, DBMS, OS, IT Workshop, C++, Data Structures, Web Designing, PCB Designing, Robotics, Solar Energy Systems and MATLAB.

## EMPLOYABILITY SKILLS ENHANCEMENT TRAINING PROGRAMMES

- Soft Skills Training
- Aptitude Training
- Technical Training
- Mock Interviews

## FINISHING SCHOOL CONCEPTS

To meet the requirements of the industry and to be on par with Technological Advancements, Finishing Schools are organized on Latest Technologies like

- Robotics
- R Programming
- Embedded Systems
- VLSI Design
- Big Data Analysis
- Network Security
- Sim Power Systems
- Power Electronics
- Power Semiconductor Drives
- Programming Languages

## CENTRE FOR DEVELOPMENT OF COMMUNICATION SKILLS

- **Business English Certification Training Programme** to achieve the prestigious Cambridge English Certificate offered by the University of Cambridge, London, U.K. More than 500 students of MRECW are BEC Certified as on date.
- **Oxford Achiever's Certification** through Oxford University Press, India.
- **Weekly 3 periods** are allotted for Special English Labs and G.Ds beyond curriculum to improve communication skills of students.

## GLOBAL EDUCATION & CAREER GUIDANCE CELL

This cell organizes programmes by professional experts and also provides in-house guidance to students about opportunities of higher education in India and Abroad.

- **Information Session on Masters & PhD Program @ California State University, Long Beach, USA**-by **Dr.Jeet Joshee**, Associate Vice President and Dean, ICPE, California State University on 25th October, 2017.
- **Awareness Programme on Core Job Opportunities and Higher Education Perspective in USA** for III & IV Year Students from 25th to 27th October, 2018.
- **Global Education & Career Guidance Programme** for I B.Tech Students by **Mr.Stephen Getchell & Ms.Sophie**, Los Angeles, U.S.A. On 10th November, 2017.
- **Awareness Programme on Higher Education & Global Opportunities** by **Ms. Marija Ward**, International Admission Counselor, Western New England University for II B.tech Students on 29th January, 2018
- **Awareness Programme on Higher Education & Opportunities Abroad** for III Year students by Professors from University of Missouri, USA on 16th October, 2017.
- **Awareness Programme on Higher Education & Opportunities Abroad** for III Year students by **Dr.Awni Alkarzon** from Northern University, Chicago, USA on 9th March, 2018.
- **Awareness Programme on Australian Universities Admission** on 11th October, 2017.
- **Power Point Presentations** by Faculty Experts to students on Future Career Prospects, Higher Education and Government job opportunities available and the procedures for seeking the opportunities.
- **Personal Counseling and Career Guidance** to 3rd and 4th year students based on their Capacities and Interests.



## ENTREPRENEURSHIP DEVELOPMENT CELL

**Innovative Projects Developed under EDC through Robotics Centre of Excellence and Software Hackathon:** Solar Based Smart Garden Maid, Telepresence Robot, Smart Floor Cleaner Robot, MRECW Communicator, Karma- Involving Passengers in the upkeep of Indian Railways, MRECW Student Attendance Management System & Time Travel App.

## ACTIVITIES ORGANIZED UNDER EDC

1. Guest lecture on **"Women Entrepreneurship"** by **Dr. Broto Rauth Bhardwaj**, Head, Research and Entrepreneurship Development at Bharati Vidyapeeth University, New Delhi for II & III Year B.Tech & MBA Students on 23rd July, 2017.
2. Guest lecture on **"Women Entrepreneurship Empowerment"** by **Dr. D. Sunitha**, Hyderabad on 15th September, 2017.
3. **Entrepreneurship Development Programme on "How to Export"** Presented By E-Cell, JNTUHCEH for II & III Year B.Tech & MBA Students from 21st to 23rd September, 2017.
4. Workshop on **"Entrepreneur Orientation Programme"** for B.Tech & MBA students on 10th October, 2017.
5. **Entrepreneurship orientation Programme** by, **Mr. Srinivas Rao NSIC** on 11th October, 2017.

## Placements : 483 Students Placed during the A.Y : 2017-18



### PLACEMENTS DURING THE ACADEMIC YEAR 2017-2018

S.No.	COMPANY NAME	DATE	NO. OF STUDENTS PLACED
1	IBM (GBS)	Sept 11,12 - 2017	77
2	NTT DATA	Oct 4 & 6 - 2017	2
3	AMAZON(ALEXA)	Nov 10,11 - 2017	2
4	HGS	Nov 13 - 2017	83
5	AMAZON	Nov 15 - 2017	30
6	GENPACT	Dec 1 - 2017	3
7	K Tree	Dec 15 - 2017	1
8	C3i	Jan 22- 2018	3
9	Sutherland Global Services	Feb 2 - 2018	30
10	AEGIS	Feb 16 - 2018	6
11	TechnoBuddy	Feb 17 - 2018	2
12	Tech Mahindra	March 8 - 2018	62
13	Global logic	March 10 - 2018	162
14	Mind Tree	April 3 - 2018	20
<b>Total</b>			<b>483</b>

Few more companies are in the pipeline.

### EDITORIAL BOARD:

- Dr. Y. Madhavae Latha, Principal - Chairperson
- Ms. Ch.V.L.L.Kusuma Kumari, Head, Dept. of MBA - Editor-in-Chief
- Ms. A. Radha Rani, Head, Dept. of IT - Member
- Dr. M. Sarita, Head, Dept. of H & S - Member
- Ms. R. Shruthi, Asst. Professor, Dept. of ECE - Member
- Mr. A. Sanjeev Reddy, Assoc. Professor, Dept. of EEE - Member

### Awards Received by the College



**MALLA REDDY  
ENGINEERING COLLEGE FOR WOMEN**

**ACCREDITED BY NAAC WITH 'A' GRADE**

ACCREDITED BY NBA

ISO 9001:2015 CERTIFIED INSTITUTION

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad  
Maisammaguda, Dhulapally, Kompally, Medchal (M), Secunderabad - 500100.

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