



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
Name of the head of the Institution	Dr.Y.Madhavee Latha
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+919346118803
Mobile no.	8106714901
Registered Email	adminmrecw@gmail.com
Alternate Email	principal@mrecw.in
Address	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, Maisammaguda, Dhulapally, Hyderabad
City/Town	Hyderabad
State/UT	Telangana

IQAC		
One Week Faculty Development Training Programme on Cloud Computing organized by National Institute Technical Teachers Training & Research.	05-Dec-2016 5	198
Faculty Development Programme on Artificial Neural Network and Fuzzy Logic through ICT of A VIEW NITTTR, CHANDIGARH	24-Apr-2017 5	185
International Conference on Emerging Strategies For Business Advancements (ICESBA-2016) with ISBN: 978-93-83038-44-2.	19-Aug-2016 2	58
International Conference on Emerging Trends In Electrical Systems & Engineering (ICETESE-2016) with ISBN: 978-93-83038-43-5	19-Aug-2016 2	20
International Conference on Technical Advancements in Computer Science And Engineering (ICTACSE-2016) with ISBN: 978-93-83038-41-1	19-Aug-2016 2	61
International Conference on Signal Processing, Communications And Systems Design (ICSPCOMSD-2016) with ISBN: 978-93-83038-42-8	19-Aug-2016 2	52
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2017 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	1947490
Year	2017

12. Significant contributions made by IQAC during the current year(maximum five bullets)

2(f) and 12(B) Recognized under UGC Act 1956. Engineering Educators Award from University of Bradford Ranked Eleventh among the top Engineering Colleges of Excellence by Competition Success Review (CSR) Received "Education Leadership Award" by 25th Business school affairs Dewang Mehta National Educational Award. "Women in Education Award" received by the Principal, Dr Y. Madhavee Latha by Dewang Mehta National Educational Awards for being the inspiring woman in education.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Events under Carrier Guidance and Counselling Cell	Global Education & Career Guidance Programme by Dr. Allen Harsmussen from Texas A&M University, Kingsville, U.S.A. and Mr. Chandra Sekar, Regional Head, India for Vancouver Film School, Canada, 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, "Career Guidance & Counseling" Programme, Career Guidance Programme by Professors from "Monmouth University". organized under Carrier Guidance and Counselling Cell
Events under Entrepreneurship Development Cell	Orientation Programme on "Bombay Stock Exchange" by Mr. V. Santosh Reddy

	<p>Resource Person, Bombay Stock Exchange on 27th July, 2016, Business Plan Competition" for I Year B.Tech Students on 19th November, 2016 , Guest lecture on "Ideation for New Business & Launch of AGBA South India Chapter on 29th July, 2016, Guest Lecture on "Women Entrepreneurship" Under EDC Cell.on 17th February, 2017, Guest Lecture on "Enterprise Resource Planning" Under EDC Cell on 17th February, 2017. completed under Entrepreneurship Development Cell</p>
Business English Certification Course	Business English Certification by Cambridge University completed under Centre for Development of Communication Skills Cell
Value Added Certification Courses	<p>Cisco CCNA RS introduction to networks Certification, Cisco Programming essentials in C certification, Cisco CCNA routing and switching Certification , Cisco Programming essentials in C++ Certification-through Cisco Networking Academy, Java SE programmer profession(JCP) certification through Oracle Academy, MTA Certification through Microsoft Innovative Centre through Microsoft Innovation Centre completed.</p>
Faculty Development Programmes	<p>One Week Faculty Development Training Programme on "Cloud Computing" organized by National Institute Technical Teachers Training & Research during 5th to 9th December, 2016 , Faculty Development Programme on Artificial Neural Network and Fuzzy Logic through ICT of A VIEW NITTTR, CHANDIGARH during 24th to 28th April, 2017, One Week Faculty Development Training Programme on "Application Oriented Teaching Methodologies" during 22nd - 27th November, 2016 , Faculty Development Programme on "Web Content Development Using Moodle" organized by National Institute Technical Teachers Training & Research during 3rd to 7th October, 2016 - Two Weeks Faculty Development Programme in "Entrepreneurship" organized by EDC CELL, JNTUH 14th - 28th December, 2016, One Week Refresher Course on "C & Data Structures" organized by the Dept. of CSE & IT from 22nd to 27th June, 2016., One Week Refresher Course on "Power Systems & Power Electronics" organized by the Dept. of EEE from 22nd to 27th June,</p>

	2016,One Week Refresher Course on "VLSI & Embedded Systems" organized by the Dept. of ECE from 22nd to 27th June, 2016,One week Faculty Development Programme on "Effective Teaching Methodologies for Engineering Education"during 1st to 5th November, 2016,Workshop on Research Methodologies on 22nd April, 2017 .
Publications	Faculty published and presented more than 220 research Papers in Scopus,UGC and reputed International/National Journals and Conferences
International Conferences	2nd International Conference on Signal Processing Communications and System Design(ICSPCOMSD2016), 2nd International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE2016),3rd International Conference on Emerging Trends in Electrical Systems Engineering (ICETESE2016), 3rd International Conference on Emerging Strategies for Business Advancements (ICESBA2016) organized under Research Development Cell on 19th 20th August 2016.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Governing Body</td> <td style="text-align: center;">05-Oct-2016</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Governing Body	05-Oct-2016
Name of Statutory Body	Meeting Date				
Governing Body	05-Oct-2016				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2017				
Date of Submission	13-Apr-2017				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	MRECW MIS provides suite of application for complete management of the college. It is the first Women Campus in				

Telangana State which is using MIS. The MIS suite consists of a bundle of extensive and powerful features, which helps each area of the educational system from student / parent level to the management level. It consists of a series of modules which integrates each and every activity of the campus to a single data server. We at MRECW implements OutcomeBased Education which means clearly focusing and organizing everything in a systematic way which is essential for all students to be successfully at the end of their learning experiences. LIST OF MODULES: 1. Administration 2. Academics 3. Exam Cell 4. Placement 5. Library 6. SMS 7. Utilities 8. Security

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The college meticulously develops action plans for effective implementation of the curriculum. At the outset, the advisory committee of the college conducts protracted meetings with the staff members of various department heads to develop various strategies for effective implementation of the curriculum. Teachers are encouraged beforehand to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits, computer education apart from regular/traditional teaching methods. Thereafter, the staff members of various teaching departments conduct their internal meetings and develop academic plans for the coming academic year. Keeping in view, the no. of working days available, the syllabus is divided into units which are to be finished by a given deadline. Each department of the college follows the academic calendar issued by the affiliating university. Lesson plans and course file are maintained by each faculty for their respective subjects allotted, which is reviewed on continuous basis by the review committee. Thereafter, the college plans the academic schedule as per the university calendar which includes the details like the topics to be taught and no. of working days allocated to respective topics, the amount of syllabus to be tested in various classes, by conducting mid-wise exams and end semester examinations. The curriculum prepared by the Jawaharlal Nehru Technological University, Hyderabad, to which the college is affiliated, is well transacted to the students after serious preparation as well as critical thought by the teachers concerned. Being an affiliated institution we are always in tune with the latest trends in education and guidelines. The Jawaharlal Nehru Technological University regularly organizes refresher courses, orientation programs and workshops to keep the knowledge and teaching aptitude of the teachers updated. The faculty of the college can discuss their issues or problems, if any, while participating in the meetings of the Board of Studies. The College also encourages the teachers to participate in the Orientation/ Refresher Courses/ Workshops/ Seminars organized by the affiliating university to update the knowledge and to improve the teaching practices. The college bears all the expenditures of travelling including

registration/ participation fee etc. The college provides sample books and other teaching and reference material like Journals, Magazines, Teaching Models and software's to enable its teachers to ensure effective delivery of curriculum. Every department organizes various faculty development Programmes for the benefit of staff members to participate and update the knowledge with latest emerging trends. our faculty published books,articles,topics in various Journals and Newsletters on Emerging Trends in the field of Engineering & Technology.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
CISCO Certification Course in Association with CISCO,USA	0	01/08/2016	30	yes	yes
ESOL EXaminations (BEC) university	0	01/08/2016	30	yes	yes
Microsoft Innovative Centre	0	01/08/2016	30	yes	yes
oracle	0	01/08/2016	30	yes	yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	Computer science Engineering	01/09/2016
Mtech	Embedded Systems	01/09/2016
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Electronics and Communication Engineering	01/07/2016
BTech	Computer Science and Engineering	01/07/2016
BTech	Electrical and Electronics Engineering	01/07/2016
BTech	Information Technology	01/07/2016
Mtech	Computer Science and Engineering	01/09/2016
Mtech	Embedded Systems	01/09/2016

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	2010	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Cisco CCNA RS introduction to networks through Ciscos Networking Academy	04/07/2016	600
MTA Certification through Microsoft Innovative Centre	04/07/2016	485
Java SE programmer profession(JCP)	04/07/2016	5
Business English Certification through Cambridge University	01/08/2016	600
Cisco CCNA routing and switching through Ciscos Networking Academy	04/07/2016	590
Cisco Programming essentials in C through Ciscos Networking Academy	04/07/2016	565
Cisco Programming essentials in C plus plusthrough Ciscos Networking Academy	04/07/2016	580
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Computer Science and Engineering	212
BTech	Eletronics and communication Engineering	215
BTech	Information Technology	51
BTech	Electrical & Eletronics Engineering	62
MBA	MBA	54
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The institute has a properly structured mechanism to obtain the feedbacks from all the stakeholders like students, parents, employers and Alumni through well designed formats. The feedback received from the students and stakeholders are carefully analysed, discussed and appropriate actions are initiated at various bodies. Including the Department Academic Committee, Academic Council, Governing Body, IQAC etc. Feedback is collected from following Stakeholders :

Student feedback :

- A Graduate Student Exit Survey is done for the outgoing students in which questionnaires are answered by the students.
- A CRC(Class Review Committee) meeting consisting of students from every year is conducted twice in semester to know the status of the courses being taught and identify the difficulties of students if any. Appropriate measures are immediately taken by the heads of the department to resolve them.
- Feedback on Faculty: Feedback is taken from the students Twice in Semester. Each student is provided with a well designed feedback form specifying the subject and corresponding faculty name with 10 criteria for evaluation, with a total of 100 marks for each faculty. The feedback of each faculty is calculated. Faculty with feedback above 90 are considered as Excellent, above 85 as Very good, above 80 as Good and below 80 as Average.

Alumni Feedback : Feedback from Alumni is collected every year to know the accomplishment/progress in their professional advancement after graduation, based on the Graduate Programme Study at the institution. This feedback helps in assessing the status of the institution with respect to the industry demands and also helps to refine PEO's. It gives an insight into the various modern technologies that a graduate needs to be aware of so as to fare well in the industry. The department/institute analyzes these feedbacks and updates the programs accordingly.

Parents feedback: The feedback from parents is taken as inputs and are treated as sources for fine tuning our academic processes. This feedback helps in knowing the satisfaction level of parents with reference to the curriculum offered, laboratory equipment provided and modern scientific tools available, student transport/ hostel facilities, safety and security measures taken up by the institution, medical facilities, infrastructural facilities, campus placement.

Employers feedback: The feedback from the employers on the alumni performance and the necessity of revising the curriculum to suit the present industrial needs is obtained through the Training and Placement Cell. The feedback collected from the stakeholders are used in the following places

- To check whether the Vision and Mission of the departments as well as the institution are being met.
- To take inputs while Forming and updating program curriculums.
- Improving quality of the various programs offered by the institute.
- To check Attainment levels of the PEOs (Program Educational objectives) .
- To know if the infrastructural facilities and other facilities provided by the institution like library , Wifi , transport, hostel etc are good.
- Analyzing the impact of the teaching learning methodologies used in the institution.
- To analyze the performance of faculty.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
MBA	Master of Business Administration	60	140	60
Mtech	Computer science Engineering	24	35	21
Mtech	embedded Systems	24	32	16
BTech	Electrical & Electronics Engineering	60	250	60
BTech	Electronics & Communication Engineering	240	890	240
BTech	Computer science and Engineering	240	1070	240
BTech	Information Technology	60	250	60

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	2429	194	198	20	218

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
218	218	60	46	46	15

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

To provide personalized Counseling to each and every student, the institute has a very actively functioning Counseling and Mentoring Cell, through which 20 students are attached to each faculty member for Counseling. The Cell works with the vision, 'To produce highly skilled, world class engineers with great leadership abilities' and the mission, 'To motivate the students who are weak academically, highlighting their strengths and showing the know how to convert weaknesses into strengths'. The functions of this Counseling and Mentoring Cell are, to provide constant guidance and motivation to the students for Academic Excellence as well as participation in co-curricular and extra-curricular activities, to counsel students to improve technical abilities, communication skills, language proficiency, interpersonal skills, presentation skills, organization skills, time management skills

and team spirit, to identify slow learners and give proper guidance for improvement, to identify and counsel behaviorally typical students and to conduct special counseling for hostellers. Counseling Register to maintain details of the allotted 20 students are provided to the Counselors and Counseling includes regular record of student attendance, performance, activities and results along with constant guidance and motivation to the students in academics as well as co-curricular and extracurricular activities. Constant rapport is maintained by the Counselor with the students. Slow learners typical candidates are identified, given proper guidance and also provided with Remedial Classes. Counseling is done once in every 15 days and the report is submitted to class teachers which would be further forwarded to counseling year in charges and then to over all incharges. Once every month, as per stipulated dates, the counselors meet overall Counseling incharge explain progress of individual student. Also, Students are enquired regularly by Overall Counseling Incharge, about counseling being done, to identify whether the counseling process is in place without any deviation. Counselors are more responsible for the progress performance of the 20 students in all aspects. So, they closely monitor the students give them constant guidance heartfully.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2623	218	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
218	218	Nil	14	20

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr.Y.Madhavee Latha	Principal	Dewang Mehta National Education Awards, IPE
2017	Dr.Y.Madhavee Latha	Principal	Times Cyber Media Pvt.Ltd
2016	Mr.AMARNATH REDDY B	Associate Professor	Malla Reddy Engineering College for Women

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	A	I/I	26/01/2017	13/03/2017
BTech	A	II/I	22/06/2017	20/07/2017

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The total evaluation will be done in combination of Internal and External

basis. Procedures followed for Theory Exams during a semester, there shall be two mid-term examinations . Each mid-term examination consists of one objective paper, one descriptive paper and one assignment.. While the first mid-term examination shall be conducted on 50 percent of the syllabus, the second mid-term examination shall be conducted on the remaining 50 Percent of the syllabus. Five marks are allocated for assignments. The first assignment should be submitted before the conduct of the first midexamination, and the second assignment should be submitted before the conduct of the second mid-examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in internals. Along with CIE made for theory internals unit test Tutorials will be held after the completion of each unit. To improve their performance in each subject. Procedures followed for practical Exams For practical subjects there shall be a continuous internal evaluation during the semester for 25 sessional marks and 75 semester end examination marks. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. For the subject having design and/or drawing, (such as engineering graphics, engineering drawing, machine drawing) and estimation, the distribution shall be 25 marks for continuous internal evaluation (15 marks for day-to-day work and 10 marks for internal tests) and 75 marks for semester end examination. There shall be two internal tests in a semester and the average of the two shall be considered for the award of marks for internal tests. There shall be an UG miniproject, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. The UG mini-project shall be submitted in a report form and presented before the committee in IV year I semester. It shall be evaluated for 100 marks. The committee consists of an external examiner, Head of the Department, supervisor of the UG mini-project and a senior faculty member of the department. There shall be no internal marks for UG miniproject. There shall be a seminar presentation in IV year I semester for 100 marks . Out of a total of 100 marks for the UG major Project, 25 marks shall be allotted for internal evaluation and 75 marks for the end semester examination (viva voce). The end semester examination of the UG major Project shall be conducted by the same committee as appointed for the UG mini-project. In addition, the UG major Project supervisor shall also be included in the committee. The topics for UG mini project, seminar and UG major Project shall be different from one another.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institute adheres to the Academic Calendar prepared according to the calendar provided by JNTU-Hyderabad University. Every year the institute and also a departments schedule the plan of activities for smooth functioning. This ensures that the curriculum is enriched through related activities like guest lectures, workshops, conferences, seminars and industry interaction. For the academic session academic calendar was prepared and followed for conduct of examination and other activities. Being an institute affiliated to JNTUH University, we follow the academic schedule provided by the university. Generally, the JNTUH University gives guidelines on the following in their academic schedule, Beginning of the academic sessions. Last working day of the semester. Mid-term examination schedule. Parent Teachers Meet End term theory and Practical examination schedule. Vacation schedule. The same academic calendar is published on institute's website before the beginning of every academic year. It provides plan for the academic year to students, teachers and parents. Considering the academic calendar, each department functions according to the teaching plan prepared at the department level.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.mallareddyecw.com/departments.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
A05	BTech	Computer Science and Engineering	217	202	93
A04	BTech	Electronics and Communication Engineering	218	211	96
A02	BTech	Electrical and Electronics Engineering	66	65	98
A12	BTech	Information Technology	54	49	90
D58	Mtech	Computer Science and Engineering	22	22	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://mallareddyecw.com/StudentSatisfaction.html>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	365	Pantech	600000	600000
Industry sponsored Projects	365	PATH CREATOR PVT LTD	550000	550000
Industry sponsored Projects	365	Webcognize	360490	360490

Industry sponsored Projects	365	Sriyam Software Solutions	437000	437000
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Guest Lecture on Women Entrepreneurship	EDC CELL	17/02/2017
Orientation Programme on "Bombay Stock Exchange" by Mr. V. Santosh Reddy Resource Person, Bombay Stock Exchange	EDC CELL	27/07/2016
Guest lecture on "Ideation for New Business Launch of AGBA South India Chapter	EDC CELL	29/07/2016
Career Orientation Programme by Prof. Vishwanath	EDC CELL	06/07/2016
Awareness Programme on CLEANLINESS SANITATION under NSS Unit	EDC CELL	16/09/2016
Business Plan Competition for I Year B.Tech Students	EDC CELL	19/11/2016
Two Weeks Faculty Development Programme in Entrepreneurship	EDC CELL	28/12/2016
AWARENESS CAMPAIGN ON CASHLESS TRANSACTIONS AT GUNDLAPOCHAMPALLY VILLAGE	EDC CELL	04/02/2017
Guest Lecture on Enterprise Resource Planning	EDC CELL	18/02/2017
Two Day Workshop on "Designing of Solar Energy System using PROSOFT"	Techno Innovation Club	15/07/2016
Workshop on "Robotics"	Electronics and Communication Engineering	02/08/2016
Workshop on "Malware Development" for III Year CSE IT Students	Computer Science Engineering	04/08/2016
Three Day Workshop on "Design of Electronic Circuits Using PCB"	Electronics and Communication Engineering	25/07/2016

Guest Lecture on "Modern Power Electronic Drives" for EEE Students.	Electrical and Electronics Engineering	29/07/2016
Guest Lecture on "C Data Structures" for II Year CSEIT students	Computer Science Engineering	29/07/2016
Two Day Workshop On C Vs PYTHON for II III Year B.Tech Students	Computer Science Engineering	09/02/2017
Three Day Workshop on Internet Of Things(IOT)	Electronics and Communication Engineering	09/02/2017
Workshop on Intelligent Robot.	Electronics and Communication Engineering	27/03/2017
Two Day Workshop on "Ethical Hacking" for I II Year B.Tech Students.	Computer Science Engineering	27/03/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Ranked 11th among the Outstanding Engineering Colleges of Excellence - CSR.	Malla Reddy Engineering College for Women	Global Human Resource Development Centre	31/05/2017	Outstanding Engineering Colleges of Excellence
Education Leadership Award	Malla Reddy Engineering College for Women	Dewang Mehta National Education Awards, IPE	15/04/2017	Dewang Mehta National Education Awards
AAA Rated by Careers 360 Magazine	Malla Reddy Engineering College for Women	Career 360 Engineering College Survey	31/05/2017	Career 360 Engineering College Survey
Best College of the year-2017 " by Silicon India Education	Malla Reddy Engineering College for Women	Silicon India	31/05/2017	Best College of the year-2017
Women in Education Award	Dr.Y.Madhavee Latha	Dewang Mehta National Education Awards, IPE	15/04/2017	Dewang Mehta National Education Awards

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	Nil

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
6	2	6

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1
Electrical and Electronics Engineering	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	15	2
International	CSE	19	3
International	EEE	14	2
International	IT	10	2
International	MBA	12	1
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Master of Business administration	12
Humanities Sciences	10
Information Technology	12
Electrical and Electronics Engineering	10
Computer Science and Engineering	56
Electronics and Communication Engineering	55
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Adaptive Power Control for Quality of Service Improvement in WCDMA Wireless Networks	Dr. Y. MADHAVEE LATHA	International Journal of Applied Engineering Research	2017	2	MRECW	5

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Adaptive Power Control for Quality of Service Improvement in WCDMA Wireless Networks	Dr. Y. MADHAVEE LATHA	International Journal of Applied Engineering Research	2011	25	5	Dept. of ECE, Malla Reddy Engineering College for Women, Dhulapally, Hyderabad

[View File](#)

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	156	5	10	8
Presented papers	1	225	25	76
Resource persons	1	8	11	10

[View File](#)

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga Day Celebrations	RK Math	15	156
Go-Green Plantation programme	NSS	143	1690
HARITHA HARAM - Plantation Programme under MRECW NSS Unit on, Chief Guest Sri. Kalvakuntla Taraka Rama Rao, Hon'ble Cabinet Minister, Information Technology (IT)	NSS	153	1800
Awareness	NSS	145	1270

programme on Cleanliness Sanitation under NSS unit			
Awareness Campaign on Cashless Transactions at Gundlapochampally Village under NSS Unit.	NSS	150	1300
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Awareness Campaign on Cashless Transactions at Gundlapochampally Village under NSS Unit.	Appreciated by sarpanch, gundlapochampally	Sarpanch, Gundlapochampally	1300
Awareness programme on Cleanliness Sanitation at Gundlapochampally under NSS unit	Appreciated by sarpanch, gundlapochampally	Sarpanch, Gundlapochampally	1270
Donate books and pens for Maisamma guda Govt Primary School	Appreciated by Head Master	Head Master Maisamma Guda	52
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Gender sensitization	MRECW	Awareness on Gender equality programme	3	600
Plantation Programme	NSS	Go-Green Plantation programme	143	1690
Plantation Programme	NSS	HARITHA HARAM - Plantation Programme under MRECW NSS Unit on, Chief Guest Sri. Kalvakuntla	153	1800

		Taraka Rama Rao, Hon'ble Cabinet Minister, Information Technology (IT)		
Cleanliness	NSS	Awareness programme on Cleanliness Sanitation at Gundlapochampally	145	1270
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
International Conferences	All faculty	MRECW	2
Research Project	Dr.Surya Narayana	Malla Reddy Institute of Medical Science	730
Workshop on Research	All Faculty	MRECW	2
C Programming	Mr.T.Giibabu	MRCET	2
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry Institute Collaboration	Mini Project	RCI	01/06/2016	01/07/2016	3
Industry Institute Collaboration	Mini Project	BSNL	23/05/2016	11/06/2016	9
Industry Institute Collaboration	Mini Project	BHEL	23/05/2016	11/06/2016	9
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
--------------	--------------------	--------------------	-----------------------------------------------------

International Technological University	01/06/2016	Student, Faculty and staff Scholoships Exchange, Career Counselling	60
Braino Vision	17/07/2016	RD, Cerification Courses, Internships, Hackathons	50
Byndr Technologies India Pvt Ltd	10/11/2016	Byndr Software As Service agreement	20
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
44200000	43119045

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
New genlib Helium	Fully	3.1	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19862	5954053	1967	837260	21829	6791313
Reference	2861	662722	145	35521	3006	698243

Books						
Journals	924	1267435	120	204600	1044	1472035
e-Books	4900	Nil	300	Nil	5200	Nil
Library Automation	1	Nil	1	30000	2	30000
CD & Video	2156	Nil	69	Nil	2225	Nil
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mr.M.Srinivasular eddy	Python Programming	Youtube	31/05/2017
Ms.K.Sumalatha	Anteenas- (Learning Management Software)	Adobe Page Maker	27/07/2016
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1174	16	100	1	1	6	6	100	1
Added	120	2	0	0	0	0	0	0	0
Total	1294	18	100	1	1	6	6	100	1

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Auditoriums, Seminar halls, Computer Labs with Internet Connection, Smart Class Rooms, Two Advanced English Communication Skills Laboratories, Multimedia Labs, HOD Conference Rooms	http://mallareddyecw.com/Econtent.pdf

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical
----------------------------------------	-------------------------------------------------	----------------------------------------	-------------------------------------------------

	facilities		facilities
15430220	15440220	40500000	40493432

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories. The Maintenance committee is headed by the Administrative Officer who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Administrative Officer and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc. ? Laboratories, library and computers are upgraded as per the guidelines of Governing Body. ? A central purchase committee invites the application for laboratory equipment up gradation, repair and maintenance. ? Library invites the book and journal requisition from all the departments for various subjects in the curriculum. A central library committee is formed to address the various issues and smooth functioning. ? Number of computers on the campus are more than the guidelines of AICTE.

Computers, Internet service, browsing centre is maintained by system administrator and IT facility maintenance in charge. ? Cleanliness and hygiene are maintained in class rooms and all the places through housekeeping staff.

The maintenance officer conducts periodic checks to ensure the efficiency / working condition of the infrastructure. The Development Section maintains the infrastructure facilities. A dedicated team of electricians, plumbers, carpenters and other personnel provide round the clock service to departments.

In every department one of the staff members is assigned to oversee the laboratories and equipment etc. He /She are responsible for safe and smooth maintenance of the equipment, and facilities. Log book is maintained to ensure entries and problems if any. The Heads of the Departments supervise all the facilities. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs after approval from Principal to the Administrative officer. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. To maintain and upkeep the infrastructure campus facilities and equipment, following activities are taken by college. ? Keeping department wise stock register by concerned laboratory assistant under the observation of Head of the department. ? Prepares report related to the damage/lost material, repair work or additional material installed in the lab. ? Department wise stock verification reprocessed in every semester break so as to keep things ready for the new semester is done by concerned coordinators of the department. ? Lab assistants under the supervision of the System administrator maintain the efficiency of the college computers and accessories. ? Regular maintenance of laboratory equipment's and chemicals are done by laboratory attendant of concerned departments. Sports, outdoor and indoor games, gymnasium The institution has a huge sports ground.

There are well equipped gym and sports kits. Students are encouraged to participate in various zonal and inter-zonal tournaments. Students are provided with various sports kits and equipment. They participate in inter collegiate and inter University matches.

<http://mallareddyecw.com/infrastructure.html>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	MRECW SCHOLORSHIP SCHEME	3	22000
Financial Support from Other Sources			
a) National	central govt , Post metricscholarship(SC),state govt meritscholarship,aicte scholarship	1004	52014000
b)International	0	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Personality Development Programme by Suryanarayana, Senior HR Manager, TCS	16/08/2016	600	TCS,HR Manager
Essay Writing Competition "Eminent Women Engineers".	15/09/2016	120	intra college
Essay Writing Competition on Women in the 21st Century-Challenges and Solutions in association with Sri RamaKrishna Vivekananda Seva Samithi	20/02/2017	190	Rk Matt
Personality Development Training Programme for I year B.Tech Students	28/01/2017	600	Rk Matt
Soft Skills Training Programme" for I II MBA Students.	17/04/2017	100	FACE technologies
Soft Skills Training Programme for MBA Students	15/12/2016	60	coign Technologies
Workshop on French Language for I Year B.Tech Students.	04/12/2016	600	French
One Week CRT	17/10/2016	600	talent sprints

Training Programme by TALENT SPRINTS Institute for III Year B.Tech CSE Students			
Letter writing Competition on for B.Tech students	24/09/2016	300	intra college
Soft Skills Training Programme for I Year B.Tech Students.	13/09/2016	600	coign
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	Global Education Career Guidance Programme by Dr. Allen Harsmussen from Texas AM University, Kingsville, U.S.A. and Mr. Chandra Sekar, Regional Head, India for Vancouver Film School, Canada.	545	545	21	21
2016	Power Point Presentations by Faculty Experts to students on future career prospects, Higher Education and Government job opportun	523	523	21	21

	ities available and the procedures for seeking the opportunities				
2016	Career Guidance Programme by Professors from "Monmouth University".	532	532	21	21
2016	CRT Training Programme by TIme Institute	567	567	528	528
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
17	555	516	4	122	12
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2016	1	B.Tech	Electrical & Electronics Engineering	University of Stuttgart	MS
2016	1	B.Tech	Computer Science Engineering	Jawaharlal Nehru Technological University	M.Tech
2016	1	B.Tech	Computer Science Engineering	Kozminski University	MS

2016	1	B.Tech	Computer Science Engineering	NJIT, New Jersey	MS
2016	1	B.Tech	Computer Science Engineering	University of central Missouri	MS
2016	1	B.Tech	Computer Science Engineering	MidWestern state university	MS
2016	1	B.Tech	Computer Science Engineering	Woxsen University, Hyderabad	MBA
2016	1	B.Tech	Computer Science Engineering	New York Institute of Technology	Ms
2017	1	B.Tech	Computer Science Engineering	Fitchburg state university	MS
2016	1	B.Tech	Electronics Communication Engineering	University of Texas at Dallas	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	21
GRE	21
TOFEL	15
Any Other	7
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Tech Trophy-2K17, State Level Sports Meet	State Level	1100
CHAMPIONSHIP TROPHY-2K17- Intra College Sports Fest	Intra College	600
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student

2016	Gold	National	1	Nil	16RH1A0455	SOWMYA
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student participation representation in decision making is encouraged by the college for better academic environment in the institute through different academic and administrative bodies like: Internal Quality Assurance Cell: Student representatives are involved in IQAC to manifest and promote the quality initiatives to be implemented in the institute. Executive Bodies of Professional Student Chapters: like IEEE, ISTE, IETE CSI and Co-curricular Activities Coordinators of each class, coordinate and conduct technical fests, Paper presentations, Code Design Contests, Idea Presentations, Hackathons, Robotics Exhibition, Project exhibitions, Poster Presentations, Business Quiz Competitions, Elocution Competitions etc. Class Review Committee: Each class has this Committee to review the academic activities, progress and improvement plans. Committee consists of Chair person, HOD, Class Teacher and 6 student representatives to discuss academic issues including conduction of class work, performance of students and students grievances. Library Committee: The student coordinators are consulted in procurement of new titles, volumes and other additional learning resources. EDC Innovation Cell Club: coordinates events and activities to motivate the innovation and Entrepreneurship in the college. Cultural Clubs-Dance Club, Singing Club, Visual graphics Club: Club members Extracurricular Activities coordinators from each class, organize intra inter-collegiate Competitions, Music Shows Cultural Fests. Literary Club: To enhance the communicative skills of the students, through role plays, skits and stage performances, Essay Writings, Elocutions, G.Ds JAMS. Sports Committee: Student representatives give valid suggestions towards the sports activities and also address the adequacy of infrastructure and other facilities. They organise State Level, Inter Intra College Sports Meets. NSS Club: Coordinators organise activities like Go-Green Plantation Programmes, Anti -Plastic Awareness Programme, Dental Health Check-up Camps, Blood donation etc. Women Protection Cell Committee: Students are made part of the committee to address issues related to women welfare. Antiragging Committee: Student representatives organise Antiragging Campaigns for Ragging-free Campus. Grievance Redressal Cell Committee: Students coordinators take stand of student grievances. SC/ST Committee: Select SC/ST students are part of it, to take care of SC/ST students welfare. Alumni Association: This committee organizes Alumni Meet every year plays active role in contacting and updating Alumni Status and taking the help of alumni, to make the current students aware of the latest trends in the industry and also in placements preparation. Hostel Committee: They play major role in checking food quality, hygiene and other general facilities. They voluntarily monitor day today activities and bring to the notice of the warden immediately in case of any discrepancies. Canteen Committee: The quality and hygiene of the canteen is monitored by student representatives along with the other nominated faculty members. They visit frequently and collect feedback from peers and also continuously monitor the quality and quantity of the food served.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

ALUMNI ASSOCIATION Aim: The main aim of the MRECW Alumni Association is to provide a purpose and commendable connection among the students, faculty and the institute for mutual benefit and synergy. Objectives of the Alumni

Association ? To keep a register of all Alumni of the MRECW and their relevant data. ? To maintain close relations among the alumni. ? To promote a lifelong relation and to act as a forum for the exchange of information among the members. ? To exchange professional knowledge, organize technical conferences, seminars workshops training courses. ? To provide career development and guidance. ? To maintain and update the data base of the alumni of the college and to interact with them. ? To utilize the rich experiences of old students of the college for the benefit and progress of the present students. ? To provide guidance to the pursuing students in their endeavour for better employment and higher studies. ? To promote the campus placements through the old students working in reputed industries in India and abroad. ? Be a part of Board of Studies for Syllabus Up-gradation from Industry point of view. VISION: MRECW Alumni Association shall serve as a platform in building a professional network driven by the ideals and values, to improve current and future professional integration and motivational capital for MRECW and its students. MISSION: • To connect the existing alumnus with the College and bridge the gap of communication between alumnus and students. • To promote exchange of academic and corporate experience with the students. • To mentor and channelize the efforts of the students seeking better opportunities to learn and grow. • To promote a goodwill and sense of pride to both alumni and students. • To advice and conduct activities that shall motivate and provide scope. • To associate with the MRECW management in planning an increasingly broad and diverse network.. • To suggest new technologies and improvements that shall set a benchmark for industrial expectations.

5.4.2 – No. of enrolled Alumni:

1500

5.4.3 – Alumni contribution during the year (in Rupees) :

20000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association Execution Committee meeting is conducted twice every a year. Alumni Meet is conducted every year. alumni meet was conducted on 7th January,2017. few alumni visited the campus and they shared experiences and guidance to juniors for campus placements and higher education.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

College follows decentralization and participative Management in academic and operational policies. The institution's Governing Body, IQAC and Academic Committee are the key policy framing and decision making bodies, constituted by the Principal, HODs and faculty at different levels indicating good decentralization. Institutional Committees like Finance, Budget and Procurement Committee, Disciplinary Committee, Grievance Redressal Committee, SC/ST Committee, Women Protection Cell Committee, Anti Ragging Committee operate directly at the institutional level with departmental support. Other Institutional Committees like Examination Coordination Committee, Time Table Committee, Attendance Committee, Library Committee, Infrastructure Maintenance Committee, TP Cell Committee, IIPC Committee, Global Education and Career Guidance Cell Committee, RD Committee, Student Counselling and Mentoring Cell Committee function in close coordination with relevant departmental committees. Furthermore, the various Departmental Committees support in the efficient policy implementation at departmental levels for smooth operation of all

Institutional activities. Case Study-1 : Decentralization and Participative Management in organizing Two Weeks Faculty Development Programme in Entrepreneurship organized in association with EDC CELL, JNTUH during 14th - 28th December, 2016. After initiation approval of IQAC, the Academic Committee, executed the conduction of the FDP with high rate decentralization through several committees like, • Brochure Preparation Designing Committee, to prepare the brochure contents take charge of designing. • FDP Communication Correspondence Committee, to identify prospective participants communicate. • FDP Registration Committee for registration process of participants. • Resource Persons Invitation Committee to invite eminent relevant persons for the FDP. • Inaugural and Valedictory Arrangements Committee. • Hospitality and Catering Committee. • FDP Venue and Infrastructure Arrangements Committee. • Certificates Distribution Committee for distribution of certificates to registered attended candidates. • FDP Report, Media and Photographs Committee. • FDP File Maintenance Committee. Through efficient delegation of responsibilities, the FDP was a grand success. Case study-2 : HARITHA HARAM -Plantation Programme under MRECW NSS Unit on 9th August, 2016, Chief Guest Sri. Kalvakuntla Taraka Rama Rao, Hon'ble Cabinet Minister, Information Technology (IT), Municipal Administration and Urban Development (MAUD), Textiles and NRI Affairs, Govt. of Telangana. After initiation approval by IQAC, the Academic committee executed the conduction of the programme through different committees constituted by faculty of different departments. The Committees include • Plantation Programme Finance Committee. • Saplings Procurement Committee. • Plantation Space Planning Committee to plan the plantation Area. • Plantation Space Pre-Conditioning Committee to make the Plantation Area ready with dug out pits to facilitate plantation. • Plantation Resources Tools Procurement Committee to arrange all equipment required for Plantation Programme. • Plantation Programme NSS Volunteers Selection Committee to select the volunteers to plant the saplings along with the Guests during the programme. • Cultural Programmes Coordination Committee to organise Cultural programmes to honor the guests and participants during the Plantation programme with cultural performances. • Hospitality and Catering Committee. • Saplings Future Maintenance Committee to monitor growth and maintenance of the plants in future. • Report, Media and Photographs Committee. • File Maintenance Committee. With good decentralisation, the Haritha Haram Programme has been successfully organised.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? Library: ? Digital(50 computers), Duplex,Central Library with space more than AICTE norms ? 21829 Book volumes, 1044 National International Journals ? E-books- EBSCO and membership OPAC ? Online subscription of IEEE XPLORE Digital Library, JGATE, DELNET British Library ? Books bar coded and RFID tagged ? Fully automated with New genlib Software ? 3 Auditoriums-600, 300 and 150 capacity. ? All e- classrooms. ? 1294 computers Laptops for faculty with wi-fi. ? State of the art laboratories, RD lab TBI. ? Indoor

Outdoor Sports facilities Gymnasium. ?
Power Backup with UPS facilities. ?
Filtration Plant and Cold/Hot Drinking
Water Dispensers.

Examination and Evaluation

MRECW is having strong and committed examination section. The examination section strictly follows the instructions of affiliated university for conduction of examinations. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End-Examination. For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The average of the two mid-term examinations shall be taken as the final marks secured by each student in internals. For practical subjects there shall be a continuous internal evaluation during the semester for 25 sessional marks and 75 semester end examination marks. The Mini-Project shall be evaluated along with the project work in IV year II Semester for 50 marks. There shall be no internal marks for mini-project. There shall be a seminar presentation in IV year II Semester for 50 Marks. There shall be no external examination for the seminar. There shall be a Comprehensive Viva-Voce in IV year II semester for 100 Marks. There are no internal marks for the Comprehensive Viva-Voce. Out of a total of 200 marks for the project work, 50 marks shall be allotted for Internal Evaluation and 150 marks for the End Semester Examination (Viva Voce).

Curriculum Development

Malla Reddy Engineering College for Women is Affiliated to JNTUH University, follows the curriculum and syllabus prescribed by the University for all its Courses. Affiliated Institutions are not allowed to design their own curriculum. Rather, after every 2 to 3 years, University will revise their syllabus. The revised syllabus will be circulated to all affiliated colleges.

Industry Interaction / Collaboration

Consultancy Projects undertaken by teams of faculty and students in association with reputed organizations.
- MOUs have been established for Technology exchange, Internships

Consultancy Projects. - Student internships in government reputed private organizations. - Good number of Industry visits have been organised for industry exposure. - Guest lectures by Industry experts in trending technologies were conducted. - Placements Collaboration with Accenture, NTT DATA, Amazon, Tech Mahindra, CapGemini, IBM, CDK Global, Apps Associates, Sutherland Global, Hexaware. - Value-Added-Certification Courses offered by Cisco, Microsoft, Oracle.

Human Resource Management

Human Resource Management: Highly qualified experienced faculty (as per AICTE norms), Non-teaching Technical staff are appointed through an effective recruitment process. The process includes News Paper Advertisements, Screening Short listing of eligible candidates and Interview by Internal selection Committee. For faculty, it is followed by ratification by JNTUH. Associate Professor Professor designations are offered subject to fulfillment of applicable qualifications API scores. The knowledge skills of the faculty are upgraded through Refresher Courses, Workshops, FDPs, Conferences and Personality Development Programmes regularly. Excellent academic environment with good Faculty-student bonding.

Research and Development

? Promotes Research culture through research groups consisting of one senior professor, one Associate Professor, 3 Assistant Professors alligned by specializations, working together for Journal Book publications, Conference Presentations, Research proposals preparation for grants in various funding agencies like AICTE, DST, CSIR and SERB etc. Many funding projects were applied. ? More than 220 SCI, Scopus Indexed and UGC Journal publications were made by faculty. ? 2nd International conferences in ECE, EEE, MBA, CSEIT conducted on august 19th 20th ,2016. ? FDPs on Research Methodologies- organised regularly.

Teaching and Learning

Course Files, Digital Notes and Lab Manuals Assignments Tutorial Sessions e-classrooms Application Oriented Teaching Project based training. Expert Lectures Seminars and conferences.

Training Code Contests Code Tantra Professional English Communication training Value Added Certification Training Programmes: o CISCO Certification o Microsoft Technology Training Certification o Oracle Certification o Robotics Training Certification o Oxford Achiever's Certification o Business English Certification o Pearson Certification(LSWR-Skills) MOOCs NPTEL Certifications. Soft Skills, Technological Skills CRT. ? Online assessment tests for employability enhancement.

Admission of Students

Category-A, consists of 70 of the seats- filled-in through rank secured by the students in entrance tests EAMCET, GATE-PGCET and ICET for B.Tech, M.Tech MBA respectively, conducted by Telangana State Council for Higher Education. Category-B- 30 seats, filled-in by the management. The scheduled dates are publicized through newspapers, College website and college noticeboards. Applications are invited from interested students, online, through the College Website. Seats are allotted based on the Students' JEE Mains Rank and EAMCET Rank with minimum of 90 marks in Intermediate for B.Tech, GATE-PGCET Rank for M.Tech ICET Rank for MBA.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>? The colleges vision and mission statement, department's vision and mission statement, CO's, PO's and PEO's are clearly uploaded on the institutional website. Further development plans and strategies are also to be displayed on the website as and when applicable. ? E governance in various planning and development levels of the Institution is in place through the scheduling , conduct and maintenance of minutes of meetings and resolutions made out of all meetings for the policy making, approvals etc. ? Translation of these policies into action plans are thoroughly deliberated upon in IQAC meetings, Institute Academic Committee meetings, Research Advisory Board meetings etc. ? The use of Google Documents and Sheets further facilitates collaborative planning.</p>

Five year Perspective Plans and yearly budgets are prepared based on online inputs received from students and faculty. ? The E-governance provides support to placement cell for students to trainings company recruitment process. ? The Institution uses BEES software provides login credentials to the faculty improve teaching learning process by providing digital notes, Lab manuals and PPTs of Lecturer, Effective mentoring of students and in time submission of necessary data to administration etc.

Administration

? MRECW administrative functions are digitized using BEES software. This module provides support for day to day functionality of Institute Administration. ? Faculty induction, Leave management and service record maintenance etc. It has the features for creating holidays, Various Leaves, creating user and assign roles, reference data, Pending Approvals and Employee ID Card etc. ? Message Board, Course Management, Student, Employee, Fees and Finance, Report Centre, Attendance, Time Table, Exam and Asset Management. ? The online Academic monitoring system facilitates, result entry by exam cell, supervision by Heads of the Department and mentors. Student progression is also monitored online using BEES software.

Finance and Accounts

? The eligible students are applying for scholarship to the Telangana e-pass portal for the fee reimbursement and the college is also registered for this. ? State government after verification will pay the fee online (through reimbursement) of all eligible students admitted into the college. ? Staff salary statements are prepared by using Tally software. The Final Salary amount released by the management via Cheque, which is deposited along with staff salary statement in bank and the salary is credited into individual staff accounts.

Student Admission and Support

Admission to various courses offered by the institution is according to the norms of the affiliating University. The college has an admission committee consisting of members from every department to help with the admission process. The college has a totally paperless admission system through an

online admission procedure. ? The BEES software is used for online admission process via link provided to college website <http://www.mallareddyecw.com/index.html>. ? Classrooms are equipped with ICT powers the learning process. Hi speed internet Wi-Fi facility and OPAC facility are available in the college. E-circulars are used for communication in all departments. ? Institution uses BEES software, provides login credentials to the students that facilitates to know their respective internals, external exam results and cumulative attendance reports respectively.

Examination

Malla Reddy Engineering College for Women is affiliated to JNT University. Hyderabad. JNTUH provides e-software for following facilities to the institution internal and external examinations. ? Student Registrations, Attendance Reports, Marks Uploading , Fee Collection, Projects Related, Center Allotments, Student Exams Registration Hall Tickets Printing, Labs Projects related valuation marks etc.. will be made through <Http://Registrations1.Jntuh.Ac.In/Olrbtech> ? Circulars, Notifications, Results, Instructions from The University will be accessed through <https://exams.jntuh.ac.in> ? Question paper decryption process will be made through ems using "JNTUH VPN TOOL". ? T-Sheets Printing For Verification of Internal and External Marks ? Results Final Report ? Declaration of Results ? Send SMS to the Student Parents Mobile Numbers ? Result Analysis ? Registration for Revaluation Re-correction.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2016	Mr. S.Satya nagendra	2 day workshop on Innovative "The Pedagogy on teaching Engineering Mathematics"	MRECW	500

		conducted by JNTUH		
2017	Ms A.Radha Rani	.2nd International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE2017)	MRECW	2000
2016	Mrs. J.Madhavi	2 day workshop on Innovative "The Pedagogy on teaching Engineering Mathematics" conducted by JNTUH	MRECW	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	One Week Faculty Development Training Programme on Cloud Computing organized by National Institute Technical Teachers Training Research.	One Week Faculty Development Training Programme on Cloud Computing organized by National Institute Technical Teachers Training Research.	05/12/2016	09/12/2016	120	5
2016	2nd International Conference on "Signal Processing , Communications And Systems Design" (I CSPCOMSD-2	International Conference on "Signal Processing , Communications And Systems Design" (I CSPCOMSD-2	19/08/2016	20/08/2016	52	3

	016) with ISBN: 978-93-83038-42-8	016) with ISBN: 978-93-83038-42-8				
2016	2nd International Conference on "Emerging Trends In Electrical Systems Engineering" (ICETESE-2016) with ISBN: 978-93-83038-43-5'	International Conference on "Emerging Trends In Electrical Systems Engineering" (ICETESE-2016) with ISBN: 978-93-83038-43-5'	19/08/2016	20/08/2016	13	2
2016	2nd International Conference on "Technical Advancements in Computer Science And Engineering" (IC TACSE-2016) with ISBN: 978-93-83038-41-1	International Conference on "Technical Advancements in Computer Science And Engineering" (IC TACSE-2016) with ISBN: 978-93-83038-41-1	19/08/2016	20/08/2016	51	3
2016	Faculty Development Programme on "Web Content Development Using Moodle" orgnized by National Institute Technical Teachers Training Research	Faculty Development Programme on "Web Content Development Using Moodle" orgnized by National Institute Technical Teachers Training Research	03/10/2016	07/10/2016	150	4
2016	2nd International Conference on "Emerging	International Conference on "Emerging	19/08/2016	20/08/2016	13	2

	Strategies For Business Advancements" (ICESBA -2016) with ISBN: 978-93-83038-44-2.	Strategies For Business Advancements" (ICESBA -2016) with ISBN: 978-93-83038-44-2.				
2017	Faculty Development Programme on Artificial Neural Network and Fuzzy Logic through ICT of A VIEW NITTTR, CH ANDIGARH.	Faculty Development Programme on Artificial Neural Network and Fuzzy Logic through ICT of A VIEW NITTTR, CH ANDIGARH.	24/04/2017	28/04/2017	52	3
2016	Two Weeks Faculty Development Programme in Entrepreneurship orgnized by EDC CEL L,JNTUH	- Two Weeks Faculty Development Programme in Entrepreneurship orgnized by EDC CEL L,JNTUH	14/12/2016	28/12/2016	165	15

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
International Conference on "Signal Processing, Communications And Systems Design" (ICSPCO MSD-2016) with ISBN: 978-93-83038-42-8	58	19/08/2016	20/08/2016	2
International Conference on "Emerging Trends In	20	19/08/2016	20/08/2016	2

Electrical
Systems
Engineering”
(ICETESE-2016)
with ISBN: 978-
93-83038-43-5’

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
218	218	40	40

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Creche (employee children), Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre	Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Creche (employee children), Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre	Subsidised Transportation and Free Transportation during beyond working hours, Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre, Canteen Service with subsidised Rates, Aid for the Students Participating in overseas conference, Arrangement of bicycles to move in the Campus

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has a well structured Finance, Budget and Procurement Committee which monitors the effective and efficient use of available financial resources for the infrastructural development and teaching learning process, helping the institution in overall growth. This committee constituted by the Principal, Administrative Officer, Heads Directors of the various Departments and Cells, estimates the probable inflows and outflows for the institution and formulates the budget estimates for construction and for department-wise purchase of lab equipments, consumables non-consumables and proposes the budget to the Institutional Governing Body, constituted by the Management Society Nominee, Government Nominee, UGC Nominee, University Nominee, Industry Nominee, Principal and Academic personnel for approval. The approved Budget proposal is effective thereafter. Annual Internal auditing is conducted by personnel from Malla Reddy Educational Society, who would verify the income expenditure details, by examining the financial statements, budget proposals, fee collection, scholarship amount, salary payments, tax, purchase of laboratory equipment, library expenses, furniture, building infrastructure, maintenance, receipts, bills, vouchers and all supporting documents for the year. After scrutiny, the Internal Auditors may advice for any possible improvement if necessary. External auditing is done annually by professional Chartered Accountants. This External Audit Committee visits the college for the purpose of verification of income expenditure details, which includes the Balance sheet with liabilities like General Fund, Secured loans, Sundry creditors, Other

current liabilities, Unsecured loans and Assets like Fixed assets, Deposits, Purchase advances, Other current assets, Cash Bank balances and Inter transfer payments. The committee will authorize the income expenditure account for the particular financial year after scrutiny.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
pantech	75000	Technical
View File		

6.4.3 – Total corpus fund generated

20000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	MOCK NBA,MOCK NAAC
Administrative	Yes	MRK Associates	Yes	Malla Reddy Educational society

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

In every semester, after first mid Exams the department wise Parent Teachers Association Meetings are conducted. • Academic performance is analyzed and suggested to take the necessary steps to improve the performance of the students. • Discussion on discipline and ethical values followed by students and given suggestions for the improvement of the same.

6.5.3 – Development programmes for support staff (at least three)

Skill Development Programmes/Training / workshops/seminars are conducted. Academic /study leaves are granted to encourage higher education. Financial support is provided to the staff or acquiring higher qualification

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Accreditation by NBA, AICTE, New Delhi 2(f) 12(B) recognized under UGC Act 1956. ISO 9001:2015 Certified Institution. Permanently Affiliated to JNTUH MOU with International Technological University, Braino Vision, Byndr Technologies India Pvt Ltd and Embsys Electronic Solutions for Internships, Technology Exchange programmes and Placements.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality	Date of	Duration From	Duration To	Number of
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	initiative by IQAC	conducting IQAC			participants
2016	International Conference on "Signal Processing, Communications And Systems Design" (ICS PCOMSD-2016) with ISBN: 978-93-83038-42-8	19/08/2016	19/08/2016	20/08/2016	58
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Essay Writing Competition on Women in the 21st Century- Challenges and Solutions in association with Sri RamaKrishna Vivekananda Seva Samithi	20/02/2017	20/12/2017	190	Nil
Essay Writing Competition "Great Women Engineers".	24/09/2016	24/09/2016	90	Nil
role play competition on great women leader	07/03/2017	08/03/2017	34	Nil
Gender Sensitization- ECE, CSE, EEE, IT	27/03/2017	29/03/2017	600	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Energy conservation Use of renewable energy Water harvesting Check dam construction Efforts for Carbon neutrality Plantation Hazardous waste management e-waste management The college campus is totally eco friendly. For this the management, the head of the institution and the whole staff is committed and because of their commitment and involvement, the campus can claim

to be the first polythene/plastic free zone. This apart, the institution has taken several other steps/initiatives to make the campus eco-friendly: Energy Conservation: The college campus is overly warm and overly cold. The college class rooms are so airy and well lighted that they hardly need any artificial lighting. Water harvesting: The college is having two bores at different locations to raise the water table. Efforts for Carbon neutrality: The college at its own level has taken up certain preventive measures to check the emission of carbon dioxide. The college has made arrangements for the parking of the vehicles of the students in the college ground. This helps in keeping the campus as much as possible clean. The dead leaves and the waste papers are not allowed to be put on fire. The leaves are buried in the soil itself and the papers are disposed off. Plantation A lot of expenditure is incurred to keep the environment green. For this the college support staff is working very whole heartedly. The trees are planted on 19th July 2014 in GO GREEN Program under MRECW Eco Club. Hazardous waste management / e-waste management: The college has an agreement with the company which charges very nominally and in turn they visit the campus once or twice a week to collect the waste from the science laboratories. There is a firm which visits the campus to collect the e-waste.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Special skill development for differently abled students	Yes	2
Rest Rooms	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2016	1	1	18/03/2017	1	dental camp	1	60
2017	1	1	08/04/2017	1	blood donation camp	1	45
2016	1	1	16/09/2016	1	Awareness Programme on CLEANLINESS SANITATION	1	1500
2016	1	1	11/07/2016	1	Go-Green- Plantation Programme	1	2000
2017	1	1	04/02/2017	1	Awareness	1	1500

					Campaign on Cashless Transactions at Gundlapochampally Village		
2016	1	1	09/08/2016	1	HARITHA HARAM - Plantation Programme under MRECW NSS Unit on, Chief Guest Sri. Kalvakuntla Taraka Rama Rao, Hon'ble Cabinet Minister, Information Technology (IT)	1	2000

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
MRECW-Code of Conduct to Teacher	04/07/2016	<p>1. Maintain course file with Lesson Plan, Notes, Individual Time table and Class Timetable. 2. Prepare Lesson Plan according to number of working days and follow it. 3. Prepare digital notes effectively and see that it is in accordance with syllabus. 4. Maintain punctuality to class - 5 minutes before time. 5. Student attendance should be marked in the attendance registers before starting the Lecture. 6. Prepare each and every aspect of the lecture well before the delivery of the lecture. 7.Link the topic with the previous knowledge of the students. 8. Develop use the relevant teaching</p>

aids. 9. Use a combination of different methods techniques of teaching. Especially with real time applications.10.Interact with the students to induce curiosity, motivate and provoke thinking, imagination and application of the concept taught. 11.Give activity/applicationbased work/assignment beyond the book, with guidance to use various resources and keep a record of the work given.12. Tutorial classes should be used effectively. 13. Maintain discipline in and around the classroom corridors. 14. Teachers should maintain a decent formal dress code - Ladies in Sarees Gents in Blazers or Tie. 15.Create a learning environment for the students by decorating the class rooms with noble work of great personalities to inspire the students.16. Lab Incharges should be responsible for all lab activities. 17.Attendance registers should be signed by concerned HOD/Year Incharges (Professors)every weekend.

MRECW-code of conduct to students

04/07/2016

All the students are advised to follow the below code of conducts: Maintain Academic Discipline and Self Discipline. Maintain regularity for classes. Attend and listen to all classes seriously. Do not misuse the class time with other distractions. Do not waste time with social media.Perform well in Assignments, Tutorials and continuous assessments.Participate in all the activities

		<p>organized by the college and improve your skill set. Follow all the instructions and advices of the counselors, class teacher and HOD's. Respect teachers and elders. Maintain Decent dress code. Short tops and sleeveless tops are not allowed. Always think positive and maintain good smile</p>
<p>code of conduct to student Counselor</p>	<p>04/07/2016</p>	<p>Maintaining counseling register for the allotted 20 students properly from time to time with neat handwriting. Counseling includes regular record of student attendance, performance, activities and results along with constant guidance and motivation to the students in academics as well as co-curricular and extracurricular activities. Daily student attendance to be monitored in the first hour followed by necessary action. Constant rapport to be maintained with the students. Slow learners typical candidates to be identified and given proper guidance. Counseling should be done once in every 15 days from Monday to Wednesday. The report to be submitted on Thursday to class teachers which would be further forwarded to counseling year incharges and then to overall incharges. Counseling report should be written on a separate paper. It should contain all the counseling proceedings for each individual student. Once every month, as per stipulated dates meet overall Counseling incharge explain progress</p>

of individual student.
 ?Students will be enquired regularly about counseling. Any deviation will be viewed seriously.
 ? As counseling incharge, you are more responsible for the progress performance of your 20 students in all aspects. So closely monitor them give them constant guidance heartfully.

MRECW-code of conduct to Parents

04/07/2016

In the process of molding our students into world class, globally competent Engineers we request all the parents to extend whole hearted support to us. Three quotients are major requirements for any individual in the present day Intelligence Quotient Social Quotient Emotional Quotient Intelligence Quotient and Social Quotient can be developed by the college through academics, various trainings and activities to improve interpersonal skills. In the case of emotional quotient, parents are requested to be more responsible and to support in moulding the student's behavior, like Emotional Balance and Anger Management. Frequently find out from the child and the class teacher about the current happenings at the college and see that the student is actively involved in all activities. Frequently be in contact with class teacher, counselor and HOD. Please respond when needed and support for smooth transformation of student into best individual and professional. Monitor whether the student is sincerely listening to the classes and not

wasting time with any other distractions during the class time. Send the student regularly to the classes. Inculcate positive thinking in the child about the family, relatives and the society and build good hope in them to lead a great life. Support teachers in helping the students to control negative emotions.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Indepence day celebrations -singing competitions on Patriotic songs	13/08/2016	15/08/2016	250
Republic day-Role Play on great leaders	25/01/2017	26/01/2017	390
Awareness Programme on CLEANLINESS SANITATION under NSS Unit	16/09/2016	16/09/2016	1500
Professional Ethics subect included In Curriculum	04/07/2016	10/04/2017	600

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The college campus is totally eco-friendly. For this the management, the head of the institution and the whole staff is committed and because of their commitment and involvement, the campus can claim to be the first polythene/plastic free zone. This apart, the institution has taken several other steps/initiatives to make the campus eco-friendly: 1. The campus has green landscaping of plants and trees: The college maintains beautiful garden of decorative plants and a vast lawn for the ground. Many trees have been planted in the campus. College has a well maintained botanical garden with 10 of total plants are related to variety of meditation plants. HARITHA HARAM - Plantation Programme under MRECW NSS Unit on, Chief Guest Sri. Kalvakuntla Taraka Rama Rao, Hon'ble Cabinet Minister, Information Technology (IT), on 9th August, 2016. GO GREEN-Plantation Programme under MRECW NSS Unit on 11th July, 2016 2. Plastic Free Zone: MRECW ECO Club which is associated with NSS UNIT create awareness to sensitize the students about the cleanliness . Cleanliness programme Campaign, :Awareness Programme on CLEANLINESS SANITATION under NSS Unit 16th September, 2016 3. Water harvesting , Water Conservation and Management . The college is having two bores at different locations to raise the water level. Large green area of the college campus allows for percolation

of water into the soil thereby facilitating recharging of underground water reserves. College only uses non-potable water for maintaining its gardens and farms. Rain water harvesting is also being practiced in the building. Conscious efforts are made by the gardening committee to use new plant varieties requiring less water to further this initiative. 4. Energy Conservation: College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand. Long slender and clerestory windows in library, nearly eliminates the need for artificial lighting. High wattage CRT monitors have been replaced by TFT/low power LCD monitors in all the laboratories and offices. Energy efficient lighting fixtures like T5, CFLs and LEDs are used in all classrooms and departments. Sensitization of staff, students and house keeping force to turn off lights /fans when not in use. Air conditioners are used only when necessary. ? Hi speed internet Wi-Fi facility and OPAC facility are available in the college. Further, students are encouraged to submit assignments online and wherever possible, e-circulars are used for communication in all departments. 5. Use of Solar Energy : The institute has installed solar panels for supplementing the need of power supply to the hostel, Street lights and in EEE department Lab. 6. Solid Waste: The waste is generated by all sorts of routine activities carried out in the College that includes paper, plastics, glass, metals, foods, etc.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-1: Value added Certification Courses. Best Practice-2: Application oriented Teaching, Project Based Training, Multi mode Teaching practice in all classrooms, Remedial classes and Question Banks. Best Practice-1: 1. Title of the Practice: Value added Certification Courses. 2. Goal: The main goal of the institution is to bridge the gap between the industry academia and make the students industry ready. For this, the college is offering Value Added Certification courses like CISCO, Microsoft, JAVA, OXFORD ACHIEVERS and Business English Certification (BEC). In the present day scenario, these add on certification courses are essential for enhancing the technical skills of the students. These additional technical courses play a vital role in motivating the students towards higher education. So, MRECW has initiated this innovative measure to enrich the students to perfectly match the industry requirements and be ahead of their competitors. 3. The Context: Cisco certification is being offered through Cisco Networking Academy, Microsoft project based training and to prepare question banks, and Lab Manuals expertise faculty members are required. To facilitate multimode teaching practice, LCD projectors are required in all classrooms. 4. The Practice: Expertise faculty members are available to provide application oriented teaching by connecting theoretical subject content with the areas of real time applications. Project based training is given in all streams of engineering. The students are provided knowledge on the equipment and the related technology required to develop projects on their own in the latest advancements in their relevant fields of technology. This is a regular practice in every semester. Lab manuals are designed by the faculty for every lab which contain all the experiments according to the JNTU syllabus (I , II,III IV years of UG and I IIyears of PG) and also at least two additional subject-relevant experiments for extra knowledge. These Lab manuals are distributed to the students. The faculty also prepare question banks for every subject, which contain all important questions from each unit as per the syllabus. LCD projectors are available in every classroom, so that the Teaching-Learning activity is done more effectively. Remedial classes are organized every day for one period after the regular college working hours and more actively before the supplementary exams for the students with backlogs. 5. Evidence of Success: With the help of Application oriented teaching, the students are able to understand the subject better.

Through Project based training programmes, the students' technical knowledge and skills have increased. The LCD projectors are helping the students to easily grasp the subject knowledge with interest. The Remedial classes and question banks are directly helping in increasing the pass percentage of the students in the university examinations. 6. Problems Encountered and Resources Required: LCD projectors are required for every classroom which are made available with the support of the management. Expertise faculty are required for application oriented teaching and project based training and to design Lab manuals and question banks. With the management's support the necessary expert faculty have been recruited. As the remedial classes are conducted after the college working hours, the necessary students are requested to stay back and avail the opportunity.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://mallareddyecw.com/bestpractices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

MRECW students are participated in various state level and National level Students Technical Symposium programs. ? MRECW students S.Deepika,Tarunyamishra,Sameerapresented a paper in conferenceconducted by NIT Warangal on 21stOctober,2016.. ? MRECW students M.Vakya,Shalinipresented a paper in conference conducted by CBIT,Hyderabad on 29thSeptember,2016. ? MRECW students PoojaRai,Maheshwaripresented a paper in conference conducted by CBIT,Hyderabad on 29th September,2016. ? MRECW students S.Deepika,Tarunya Mishra Participated in Project Expo-2017 conducted by MREC, Hyderabad on 16th September,2016. ? MRECW students G.Anusha,Srinitha, presented a paper in conference conducted by MGIT,Hyderabad on 27th October,2016. ? MRECW student Shalinipresented a voc story in conference conducted by MGIT,Hyderabadon 27th October,2016. Internships: Nine students got in BSNL,9 students got in BHEL and more students did Internship in private organizations etc. Achievements of the institution: ? Ranked 11th in CSR-2017. ? Institution Received Engineering Educators Award from University of Bradford, U.K. ? AAA Rated by Careers 360 Magazines by Career 360 Engineering College Survey-2017. ? Education Leadership Award -2017 by Dewang Mehta National Education Awards,IPE. ? Best College of the year-2017 " by Silicon India Education ? Dr.Y.MadhaveeLatha received Women in Education Award in Dewang Mehta National Education Awards-2017. ? Dr.Y.MadhaveeLatha received Most Innovative Principal-Engineering Colleges in Telangana State Award in International Education Awards-2017 by Times Cyber Media Pvt.Ltd

Provide the weblink of the institution

<http://mallareddyecw.com/>

8.Future Plans of Actions for Next Academic Year

- Planning to organize International Conferences in four departments.
- Planned for establishment of new MOUs.
- Planning to publish - innovative product developed by faculty.
- Planning to increase research projects from government and Non-government funding agencies.
- Planning to conduct Hackathon Programmes under Entrepreneurship Development Cell.
- Planning to organize FDP related to research Orientation.
- Panning Introduced Oxford Certification Course in association with Oxford University Press.
- Planning to organize Value Added Certification Courses like Cisco-CCNA, Cisco-C, MTA Certification through Microsoft Innovation Center, Robotics Certifications, Java SE programmer profession (JCP) certification through Oracle Academy, Mock interviews, Campus

Recruitment Training (CRT) programs and Finishing School Training on latest Technologies under Training and Placement Cell. • Planning to organize Education Fairs and awareness Programms on Higher studies under Global Education Career Guidance Cell. • Planning to organize student development programmes. • Planning to organize Personality Development Programs by Dr BV Pattabhiram World renowned Psychiatrist and Prof M L Sai Kumar Former Dean Academics IPE Prof of CSE and under Centre for Human Excellence. • Planning for internships, industry visits under industry Institute Partnership Cell • Planning to organize Go-Green and NSS Special Programme at Adopted Village Gundlapochampally under NSS Unit. • Planning to organize State Level Sports Meet TECHTROPHY. • Planning to organize National Level Technical Symposium -FUTURE SASTRA and State Level Technical Symposium -MEDHA under IEEE, CSI, ISTE, IETE and HMA Student Chapters. • Planning to organize Extra Curricular Activities VIJAYOTSHAV -ANNUAL DAY CELEBRATIONS, TARANG-CULTURAL FEST, Interaction Day Celebrations and Musical Shows.