Yearly Status Report - 2015-2016

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**

Pincode	**500100**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Women**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Swathi Sankepally**
Phone no/Alternate Phone no.	**+919346118803**
Mobile no.	**7702229434**
Registered Email	**adminmrecw@gmail.com**
Alternate Email	**sswathimrecw@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.mallareddyecw.com/IQACreports.html

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://mallareddyecw.com/jntuacademic_calenders.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.05**	**2014**	**24-Sep-2014**	**23-Sep-2019**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**09-Jul-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Personality Development Programme	13-Aug-2015 1	600
Refresher Course on Sim Power Systems	23-Nov-2015 5	20
One Week Refresher Course on LAMP Products organized by the Department of CSE and IT	23-Nov-2015 5	60
Refresher course on DIGITAL SIGNAL PROCESSING organized by dept. of ECE	23-Nov-2015 5	55
International Conference on Emerging Strategies For Business Advancements (ICESBA-2015) with ISBN: 978-93-83038-36-7	03-Jul-2015 2	30
International Conference on Emerging Trends In Electrical Systems & Engineering (ICETESE-2015) with ISBN: 978-93-83038-35-0	03-Jul-2015 2	20
International Conference on Technical Advancements in Computer Science andEngineering (ICTACSE-2015) with ISBN: 978-93-83038-34-3	03-Jul-2015 2	52
International Conference on Signal Processing, Communications And Systems Design (ICSPCOMSD-2015) with ISBN: 978-93-83038-33-6	03-Jul-2015 2	40
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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	2016 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	<u>View File</u>
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**1057000**
Year	**2016**

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

Accrediated by NBA ,Govt. of India ISO 9001:2015 Certified Institution. Ranked Eleventh among the top Engineering Colleges of Excellence by Competition Success Review (CSR) 2015. Received Engineering Educators Award from University of Bradford, U.K. MOU with the International Technology University MOU with University of New Orleans Louisiana, USA Registered Alumni Association. TCS Academic Interface Programme Centre to Conduct online Examinations.

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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 Training and Placement Cell	**"•Three Day Training Programme on Employability Enhancement Skills for I Year B.Tech Students on 29th to 31st October, 2015,Employability Skills Enhancement Training Programme" by COIGN Education and IT services Pvt., Ltd for I Year B.Tech Students on 2nd to 4th November, 2015,Group Discussion Programme For I Year B.Tech Students 3rd and 4th December,2015,IBM GBS Development Placement Drive exclusive Campus Placement Drive for 2016 Passing out Students on 7th& 8thAugust, 2015,Soft Skills Training Programme for II B.Tech Students 27th to 29th July, 2015,Campus Recruitment Training for III Year students on 22nd to 27th February,2016,Logic Based Training Program for II Year students on 16th to**

	18th February, 2016,Soft skills training for II Year students on 22nd& 23rd Februrary,2016,Verbal training for II Year students on 22nd to 25th Februrary,2016,Technical training for III Year students on 22nd to 24th February ,2016,Finishing School on "Embedded Systems" for IV Year ECE Students on 4th& 5th January,2016,inishing School on ""Power Systems, Power Electronics &Power Semi Conductor Drives"" for IV Year EEE Students on 4th& 5th January, 2016, Finishing School on ".NET AND JAVA" for IV Year CSE & IT Students on 4th& 5th January,2016,CRT Programme for II & III Year B.Tech Students 22nd to 27th February, 2016,Employability skills enhancement training program, by COIGN Education and IT Services Pvt. Ltd., Hyderabad on 8th& 9th February,2016 "
Events under Carrier Guidance and Counselling Cell	Career Guidance and Counseling Programme organized for B.Tech and MBA Students on 18th& 19th December, 2015, Debate on Abroad Education -Current Issues on 13th Jan,2016,Career Guidance Programme by ABACUS" on 5th Jan,2016,Education Fair for III/IV B.Tech and MBA students on 18th& 19th December, 2015, Career opportunities in Electrical and Electronics Engineering for III year EEE students by Mr.JRKNarasimham, CEO of EMBSYS Electronic Solutions on 14th December,2015,Career Opportunities in Electronics and Communication Engineering for III year ECE students by K. Rambabu, Scientist 'G', Director (Laser Systems), RCI(DRDO) on12 th December,2015, career Opportunities for III year B.Tech students by Mr.Suryanarayana, Senior HR Manager,TCSorganized on 16th September, 2015 Study Abroad Expo was conducted in which representatives from several reputed universities of various countries have provided vital information to students about study abroad on 10th October,2015 under Carrier Guidance and Counselling Cell
Events under Entrepreneurship Development Cell	Awareness Programme on Financial Assistance for Entrepreneurs" by Y.K.Sucharitha, Senior Manager, Bharathiya Mahila Bank, Ameerpet, Hyderabad for III B.Tech Students.completed under Entrepreneurship Development Cell 18th

	August,2015,Workshop on "Entrepreneur Orientation" by NSIC on 6th January, 2016,
Business English Certification Courses	Business English Certification by Cambride University completed under Centre for Development of Communication Skills Cell
Value Added Certification Courses	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 Innvation Centre completed.
Faculty Development Programmes	Refresher course on "DIGITAL SIGNAL PROCESSING" organized by dept. of ECE,One Week Refresher Course on "LAMP Products" organized by the Department of CSE& IT, Refresher Course on "Sim Power Systems" by dept of EEE on 23rd to 27th, November 2015.
Publications	Faculty published and presented more than 150 research Papers in Scocus,UGC and reputed International/National Journals/Coferences.
International Conferences	1st International Conference on Signal Processing Communications and System Design(ICSPCOMSD-2015), 1st International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE2015),1st International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE2015), 1st International Conference on Emerging Strategies for Business Advancements (ICESBA-2015) organized under Research & Development Cell on 3rd & 5th July 2015.
ISO 9001:2015 Certified institution	ISO 9001:2015 Certified institution
NBA Accreditation	Accrediated by NBA
[View File]()	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date

Governing Body	21-Dec-2015

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**14-Dec-2015**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2015**
Date of Submission	**30-Sep-2015**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton 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 andg uidelines. 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/entreprene urship	Skill Development
CISCo cert ificationCou rse in Association with CISCO,USA	0	10/08/2015	30	yes	yes
ESOL EXami nations(BEC) university	0	20/07/2015	30	yes	yes
MicrosoftI nnovative CEntre	0	20/07/2015	30	yes	yes
oracle	0	09/11/2015	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	ES& VLSI D	07/09/2015
Mtech	Computer Science	07/09/2015
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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	computer Science and Engineering	01/06/2015
BTech	Eletronics and communication Engineering	01/06/2015
BTech	Information Technology	01/06/2015
BTech	Electrical & Eletronics Engineering	01/06/2015
Mtech	computer Science	07/09/2015
Mtech	ES&VLSI D	07/09/2015

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

	Certificate	Diploma Course
Number of Students	1130	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 Certification through CISCO Networking Academy	06/07/2015	600
Microsoft Certification through Microsoft Innovation Centre	06/07/2015	350
Java Certification through Oracle Corporation	06/07/2015	5
Business English Certification throughCambridge University	06/07/2015	600
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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	233
BTech	Eletronics and communication Engineering	123
BTech	Information Technology	56

BTech	Electrical & Eletronics Engineering	121
Mtech	computer science and engineering	21
Mtech	Embedded systems	15
Mtech	ES& VLSI	16
Mtech	computer science	5
MBA	MBA	55
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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 bellow 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 refines 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	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	ES&VLSID	24	56	20
Mtech	Computer science	24	45	19
BTech	Electrical &Electronics Engineering	60	346	60
BTech	Information Technology	60	378	60
BTech	Electronics and Communication Engineering	240	890	240
BTech	Computer Science and Engineering	240	970	240

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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
2015	2334	210	164	26	190

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	Numberof smart classrooms	E-resources and techniques used

190	190	56	45	45	15

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

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

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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 cocurricular 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 tocounseling 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
2544	190	1:13

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
190	190	Nill	21	17

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
2016	Dr.Y.Madhavee Latha	Principal	Governing Body Member, MRCET
2015	Ch.Kusuma Kumari	Associate Professor	Best Research Paper Award in 1st International Conference on Emerging Strategies For Business Advancements (ICESBA-2015)
2015	B.V.S.P.Pavan Kumar	Associate Professor	Best Research Paper Award in 1st

				International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2015)

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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	II/IV	14/05/2016	22/06/2016
BTech	A	I/IV	21/11/2015	01/02/2016
BTech	A	II/III	14/05/2016	13/07/2016
BTech	A	I/III	21/11/2015	02/02/2016
BTech	A	II/II	14/05/2016	22/07/2016
BTech	A	I/II	21/11/2015	06/02/2016
BTech	A	I Year	30/04/2016	22/06/2016

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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 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 midterm 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 midexamination. 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/department.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	234	229	97
A04	BTech	Electronics and Communication Engineering	123	122	99
A02	BTech	Electrical and Electronics Engineering	121	116	95

A12	BTech	Information Technology	56	54	96
D58	Mtech	Computer Science and Engineering	23	23	100
D55	Mtech	Embedded Systems	19	19	100
E00	MBA	Master of Business Administration	54	51	94
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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://www.mallareddyecw.com/PDFs/SSIQAC/15-16.pdf

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	300	PANTECH TECHNOLOGIES	420000	420000
Industry sponsored Projects	300	S.V.ELECTRICALS	300000	300000
Industry sponsored Projects	300	SRYAM SOFTWARE SOLUTIONS	337000	337000
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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
Workshop on Entrepreneur Orientation by NSIC	EDC CELL	06/01/2016
Career Orientation programme by Mr.Suryanarayana HR Consultant TCS	EDC CELL	09/10/2015
Awareness Programme on Financial Assistance for Entrepreneurs by Dr Y K Sucharitha Senior Manager Bharathiya Mahila Bank, Ameerpet	EDC CELL	17/08/2015

Workshop on Hyper Text Preprocessor for B.Tech III year CSE Students.	CSE	12/04/2016
Workshop on Entrepreneur Orientation by NSIC.	EDC CELL	06/01/2016
Workshop on "MATLAB and its Applications" for III EEE B.Tech Students	Electronics and Communication Engineering	09/07/2015
One Day Workshop on BIG DATA" for IV year B.Tech CSE Students	Computer Science and Engineering	21/07/2015
Workshop on Design of Electronic Design using PCB	Electronics and Communication Engineering	22/07/2015
Guest Lecture on Computer Network by Dr.V.S.K Reddy, Principal, MRCET for B.TECH III year Students	Computer Science and Engineering	08/10/2015
Guest Lecture on Data Mining and Data Warehousing by Dr.K.Supreethi, Associate Professor, JNTUH, Hyderabad for B.TECH IV year Students	Computer Science and Engineering	08/10/2015
Guest Lecture on "New Power developments in Wind Power generation" by MrJ.R.K.Narasimham, Rtd. Sr.Manager, BHEL, RD	Electrical and Electronics Engineering	05/10/2015
Guest lecutre on Advanced VLSI DESIGN- Challenges and Trends by Dr. N.S.Murthy, Professor, NIT, Warangal	Electronics and Communication Engineering	03/10/2015
Finishing School on Power Systems, Power Electronics Power Semi Conductor Drives for IV Year EEE Students	Electrical and Electronics Engineering	04/01/2016
Finishing School on "Embedded Systems" for IV Year ECE Students	Electronics and Communication Engineering	04/01/2016
Finishing School on ".NET AND JAVA" for IV Year CSE IT Students	Computer Science and Engineering	04/01/2016
Workshop on 'C' for II Year B.Tech Students	Computer Science and Engineering	30/03/2016
Two Day Workshop on "C with Algorithms for II III year B.Tech Students	Computer Science and Engineering	13/07/2015

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
BEST PRINCIPAL Award	Dr.Y.Madhavee Latha	Malla Reddy Educational Society	05/09/2015	BEST Principal Award
Institution Received Engineering Educators Award from University of Bradford, U.K.	Malla Reddy Engineering College for Women	Educators Award from University of Bradford, U.K.	31/05/2016	Educators Award from University of Bradford, U.K.
Ranked 11th among the Outstanding Engineering Colleges of Excellence - CSR.	Malla Reddy Engineering College for Women	Global Human Resource Development Centre	31/05/2016	Outstanding Engineering Colleges of Excellence

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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	Nill

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
11	1	1

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

Name of the Department	Number of PhD's Awarded
ECE	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	Electronics and Communication Engineering	49	1
National	Computer Science and Engineering	33	2
International	Electrical and Electronics Engineering	13	2
International	Information Technology	6	1
International	Master of	2	7

| Business Administration | | | | |

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
ELECTRONICS AND COMMUNICATION ENGINEERING	15
COMPUTER SCIENCE AND ENGINEERING	30
INFORMATION TECHNOLOGY	6
ELECTRICAL AND ELECTRONICS ENGINEERING	10
HUMANITIES AND SCIENCES	10
Master of Business Administration	10

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
Steerable Text Descriptor for an Effective Content Based Medical Image Retrieval System using PCA	Dr. Y. MADHAVEE LATHA	Springer	2016	1	MRECW	1

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
Robust video watermarking by amalgamation of image transforms and optimized firely	Dr. Y. MADHAVEE LATHA	International journal of applied research	2016	18	1	Dept. of ECE,Malla Reddy Engineering College for Women, Dhulapally, Hyderabad

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	28	68	71
Presented papers	70	15	6	10
Resource persons	1	10	15	10

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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	RK Math	45	205
District Level Youth Festival	JNTUH NSS PROGRAMME organized by MRECW	76	936
GO GREEN- Plantation Programme	NSS UNIT	123	1650
Intra college debate on Impact of social networking sites on the young generation.	MRECW	45	1789

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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
personality development programme to gundlapochampally school	appreciated by head master	headmaster, Govt School, gundlapochampally	45
cleanliness programme to school children	appreciated by headmaster	headmaster, govt school,maisammaguda	35

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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/Agen	Name of the activity	Number of teachers	Number of students

	cy/collaborating agency		participated in such activites	participated in such activites
Go Green	NSS	GO GREEN-Plantation Programme under MRECW NSS Unit	160	1800
Gender Sensitization	MRECW	Gender Sensitzation oral presentation by faculty	2	600
cleanliness	MRECW	awareness programme on cleanliness to school children	15	100
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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	Mr.K.Ramesh Babu	Malla Reddy Institute of Medical Science	730
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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	Project Work	Pantech Pro EDU	25/01/2016	30/03/2016	129
INDUSTRY INSTITUTE COLLABORATION	Project Work	BHEL	17/12/2015	30/12/2016	3
INDUSTRY INSTITUTE COLLABORATION	Project Work	ECIL	10/06/2015	27/06/2015	3
INDUSTRY INSTITUTION	Project Work	ECIL	26/05/2015	25/06/2015	6
INDUSTRY INSTITUTION	Project Work	DRDL	29/05/2015	29/06/2015	3
INDUSTRY INSTITUTION	Project Work	DRDO	03/12/2015	02/04/2016	3

INDUSTRY INSTITUTION	Project Work	Bharat Heavy Electrical Limited	09/06/2015	29/06/2015	7
INDUSTRY INSTITUTE COLLABORATION	Project Work	National Small Industries Limited	09/06/2015	29/06/2015	6
INDUSTRY INSTITUTE COLLABORATION	Project Work	Pantech Pro EDU	25/01/2016	30/03/2016	66
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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
University of New Orleans Louisiana, USA	27/10/2015	Global Education and Career Guidance	455
Embsys Electronic Solutions	30/06/2015	Project and Trainings	50
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
59000000	58846279

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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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
koha library automationsoftware	Fully	3.5	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	17452	5043790	2410	4310262	19862	9354052
Reference Books	2663	616507	198	46215	2861	662722
Journals	770	1025000	154	242435	924	1267435
e-Journals	2088	Nill	68	Nill	2156	Nill
Digital Database	Nill	Nill	3	688201	3	688201
Library Automation	1	Nill	Nill	Nill	1	Nill
CD & Video	212	2088	30	68	242	2156

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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.G.Bhanu Prasad	Linux Programming -(Learning Management Software)	Adobe Page Maker	27/07/2015
Ms.V.Narmada	Webtechnologies-(Learning Management Software)	Adobe Page Maker	10/12/2015
Mr.G.Prabhakar	Compiler Design-(Learning Management Software)	Adobe Page Maker	10/12/2015

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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	1054	14	100	1	1	6	6	100	1

Added	120	2	0	0	0	0	0	0	0
Total	1174	16	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 withInternetConnection, Smart Class Rooms, Two AdvancedEnglishCommunication SkillsLaboratories,MultimediaMultimediaLabs, 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 facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
24756000	24686839	4790000	47816131

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	35000
Financial Support from Other Sources			
a) National	central govt , Post metricscholarship(SC),state govt meritscholarship,aicte scholarship	1364	50010500
b)International	0	Nill	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 Swami Bodamayanandaji Maharaj, Director, RK Math, Hyderabad for I Year B.Tech Students.	13/08/2015	600	Rk Math
Inauguration of Meditation Centre in Association with Ramakrishna Math, Hyderabad .	13/08/2015	150	Rk Math
Personality Development Programme by Dr.	17/08/2015	600	Dr. B.V.PATTABHI RAM

B.V.PATTABHI RAM, World Renowned Speaker Psychologist for I B.Tech Students.			
Personality development through meditation by Sr. Anitha of Brahma Kumari Smaj Hyderabad.	09/10/2015	600	Brahma Kumaris
Three Day Soft Skills Training Programme for I Year B.Tech Students.	29/10/2015	600	COIGN Technologies
Intra college debate on Impact of social networking sites on the young generation.	18/09/2015	145	MRECW
Personality Development Programme On Meditation and Relaxation Techniques by Sri Rama Chandra Massion	30/09/2015	600	Rama chnadra Mission
Soft skills training for II Year students	22/02/2016	600	Coign Technologies
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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 passedin the comp. exam	Number of studentsp placed
2015	Career Guidance and Counseling Programme organized for B.Tech and MBA Students .	535	535	478	478
2016	Debate on Abroad Education -Current Issues	510	510	10	10

2016	Career Guidance Programme by ABACUS	490	490	478	478
2015	Education Fair for IV B.Tech and MBA students	550	550	30	30
2015	" Career o pportunities in Electrical and Electronics Engineering for III year EEE students by Mr.JRKNar asimham, CEO of EMBSYS Electronic Solutions "	120	120	3	3
2015	Career Opp ortunities in Electronics and Communic ation Engineering for III year ECE students by K. Rambabu, Scientist 'G', Director (Laser Systems), RCI(DRDO)	120	120	7	7
2015	Career Opp ortunities for IV B.Tech students by Mr.Suryanara yana, Senior HR Manager,TCS .	520	520	448	448
2015	Study Abroad Expo was conducted in which repres entatives from several	485	485	10	10

2015	Employability Skills Enhancement Training Programme" by COIGN Education and IT services Pvt., Ltd for I Year B.Tech Students	525	525	448	448
2015	Three Day Training Programme on Employability Enhancement Skills for I Year B.Tech Students	525	525	448	448
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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
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
15	534	448	2	72	17
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

higher education					
2015	2	B.Tech	Computer Science and Engineering	Texas AM University	MS
2015	1	B.Tech	Electronics & Communication Engineering	Texas AM University	Ms
2015	1	B.Tech	Electrical & Electronics Engineering	Texas AM University	MS
2015	1	B.Tech	Information Technology	University of Virginia	MS
2015	1	B.Tech	Electronics and Communication Engineering	California university of management and sciences	MS
2015	1	B.Tech	Electronics and Communication engineering	Eastern Illinois University Graduate School	Ms
2015	1	B.Tech	Computer Science and Engineering	University of Queensland (UQ	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
GRE	10
TOFEL	6
GATE	20
Any Other	1

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

Activity	Level	Number of Participants
TECH TROPHY-2K15	State level	1655
AHLAAD-2K16	State level	2780
INNOVIZ-Cultural Fest for I Year B.Tech Students.	Intracollege	590
Dussera Festival Celebrations with	Intracollege	2345

Dandiya.		
Traditional Day Celebrations.	Intracollege	1985
INTERACTIVA-2K15-- Interaction Day Celebrations by Department of EEE .	Intracollege	123
NASHWA-2K15- Interaction Day Celebrations by Department of ECE	Intracollege	443
Vijayotshav-Annual Day Celebrations	Intracollege	2356
Farewell Day Celebrations by B.Tech III year EEE Students.	Intracollege	120
Farewell Day Celebrations by B.Tech III year ECE Students	Intracollege	390
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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
2015	FIRST PRIZE	National	1	1	Nill	D.HARIPR IYA
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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, 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 intercollegiate 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 organize State Level, Inter Intra College Sports Meets. 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:

1200

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

18000

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 in first week january. alumni meet was conducted on 2nd January,2016

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 Commitees 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 3 One Week Refresher Courses on "LAMP Products", "DIGITAL SIGNAL PROCESSING" and "Sim Power Systems" organized by the Departments of CSE IT, ECE and EEE from 23rd to 28th, November, 2015. After initiation approval of IQAC, the Academic Committee, executed the conduction of the Three Refresher Courses with high rate decentralization through several committees like, • Refresher Courses Finance Committee. • Brochures Preparation Designing Committee, to prepare the brochure contents take charge of designing. • Refresher Courses Communication Correspondence Committee, to identify prospective participants communicate. • Registration Committee for registration process of participants. • Resource Persons Invitation Committee to invite eminent relevant persons for the Refresher Courses. • Inaugural and Valedictory Arrangements Committee. • Hospitality and Catering Committee. • Refresher Courses Venues and Infrastructure Arrangements Committee. • Refresher Courses Certificates Distribution Committee for distribution of certificates to registered attended candidates. • Refresher Courses Report, Media and Photographs Committee. • Refresher Courses File Maintenance Committee. Through efficient delegation of responsibilities, the Three Refresher Courses were organized in a very grand manner. Case Study-2 : FUTURE SASTRA – 2K15 - National Level Technical Symposium and TECH TROPHY-2K15, State Level Engineering Colleges Sports Fest conduction on 18th 19th December, 2015. After initiation approval by IQAC, the Academic committee executed the conduction of the Two major events through different committees constituted by faculty of different departments. The Committees include • Events Finance Committee. • Posters Preparation Designing Committee. • Communication Correspondence Committee, to identify prospective participants communicate. • Registration Committee for registration process of participants. • Hospitality and Catering Committee. • Guests, Judges Referees Invitation Committee. • Inaugural and Valedictory Arrangements Committee. • Venues and Infrastructure Arrangements Committee. • Event Coordinators Committee. • Technical Symposium Events

Scheduling Conduction Committee. • Sports Leagues Matches Scheduling Conduction Committee. • Prizes Procurement Committee. • Prizes Certificates Distribution Committee. • Report, Media and Photographs Committee. • File Maintenance Committee. With good decentralisation, the Two major events FUTURE SASTRA-2K15 Symposium and TECH TROPHY-2K15 have 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
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.
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. ? Professional English Communication training ? Value Added Certification Training Programmes: o CISCO Certification o Microsoft Technology Training Certification o Oracle Certification o Business English Certification ? Soft Skills, Technological Skills CRT. ? Online assessment tests for employability enhancement.
Examination and Evaluation	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).
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 150 Scopus Indexed and UGC Journal publications were made by faculty. ? The research teams filed 4 patents for their technological inventions. ? Four 1st International conferences in ECE, EEE, MBA, CSEIT conducted on July 3rd 4th,2015. ? FDPs on Research Methodologies- organised regularly.
Library, ICT and Physical Infrastructure / Instrumentation	? Digital(50 computers), Duplex,Central Library with space more than AICTE norms ? 19800 Book volumes, 924 National International Journals ? E-books- EBSCO and membership OPAC ? Online subscription of IEEE XPLORE Digital Library,JGATE,DELNETBritish Library ? Books bar coded and RFID tagged ? Fully automated with Koha Software ? 3 Auditoriums- 600, 300 and 150 capacity. ? All e-classrooms. ? 1174 computers and wi-fi facility. ? State of the art laboratories, RD lab TBI. ? IndoorOutdoor Sports facilities Gymnasium. ? Power Backup with UPS facilities. ? Filtration Plant and Cold/Hot Drinking Water Dispensers.
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.
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, CapGemini, IBM, CDK Global, Apps Associates, Sutherland Global, Amazon, DXC Technologies, Hexaware. - Value-Added-Certification-Courses offered by Cisco, Microsoft, Oracle.
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. ? 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-governace area	Details
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 fees 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.
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.
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/Olrbtec 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". TSheets 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 Recorrection.
Planning and Development	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.

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
2015	Mr Baiju George	Faculty development programme on "Engineering Physics	MRECW	500
2015	Mr.Ravi Kiran	Faculty development programme on Engineering Physics	MRECW	500
2016	Mrs. KAVITHA RAJ KUMARI	Attended two days Faculty Development Programmefrom20thto 3rd October, 2016conducted by Science and Technology Entrepreneur's Park".	MRECW	1000
Nill	Mrs. POORNIMA V	Attended one week Workshop on Effective Teaching and Learning Methodologies by 11th to 17th May, 2016 organized by JNTUHcollege of engineering(Karimnagar)	MRECW	1000
Nill	Ms. MADHAVI VELPULA	Participated one week Faculty Development Programme on Human Values and Professional	MRECW	1000

			Ethicson 17th to 23rd September, 2015 by S.S N.College at Guntur district.				

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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)
2015	Faculty Development Program on "Digital Signal Processing" organized by the Dept. of ECE, MRECW	Faculty Development Program on "Digital Signal Processing" organized by the Dept. of ECE, MRECW	23/11/2015	27/11/2015	43	4
2016	1st International Conference on "Emerging Strategies For Business Advancements" (ICESBA-2015) with ISBN: 978-93-83038-36-7	1st International Conference on "Emerging Strategies For Business Advancements" (ICESBA-2015) with ISBN: 978-93-83038-36-7	03/07/2015	04/07/2015	13	2
2015	One Week Faculty development Programme on "LAMP Products" organized	One Week Faculty development Programme on "LAMP Products" organized	23/11/2015	27/11/2015	45	5
2015	Faculty Development Programme on "Sim Power	Faculty Development Programme on "Sim Power	23/11/2015	27/11/2015	12	2

2015	1st International Conference on "Emerging Trends In Electrical Systems Engineering" (ICETESE-2015)	1st International Conference on "Emerging Trends In Electrical Systems Engineering" (ICETESE-2015)	03/07/2015	04/07/2015	15	2
2015	Faculty development programme on "Engineering Physics"	Faculty development programme on "Engineering Physics"	15/07/2015	18/07/2015	9	2
2015	1st International Conference on "Signal Processing ,Communications And Systems Design" (ICSPCOMSD-2015) with ISBN: 978-93-83038-33-6	1st International Conference on "Signal Processing ,Communications And Systems Design" (ICSPCOMSD-2015) with ISBN: 978-93-83038-33-6 on July 3rd 4th, 2015	03/07/2015	04/07/2015	35	3
2015	1st International Conference on "Technical Advancements in Computer Science and Engineering" (ICTACSE-2015) with ISBN: 978-93-83038-34-3	1st International Conference on "Technical Advancements in Computer Science and Engineering" (ICTACSE-2015) with ISBN: 978-93-83038-34-3	03/07/2015	04/07/2015	45	5

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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	Number of teachers	From Date	To date	Duration

professional development programme	who attended			
Faculty Development Program on "Digital Signal Processing" organized by the Dept. of ECE, MRECW	43	23/11/2015	27/11/2015	5
One Week Faculty development Programme on "LAMP Products" organized	45	23/11/2015	23/11/2015	5
Faculty development programme on "Engineering Physics"	9	15/07/2015	18/07/2015	4
Faculty Development Programme on "Sim Power Systems"	12	23/11/2015	27/11/2015	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
190	190	42	42

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, Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre appointed with Doctor	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,

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
Coign Edu.	30000	Java certification

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6.4.3 – Total corpus fund generated

19500000

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	Yes	NBA	Yes	MOCK NBA
Administrative	Yes	NBA	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.

6.5.4 – Post Accreditation initiative(s) (mention at least three)
Accreditation by NBA, AICTE, New Delhi ISO 9001:2015 Certified Institution. Permanently Affiliated to JNTUH MOU with University of New Orleans,Louisiana,USA. MOU with International Technological University, Silocon Valley,USA. MOU with the Tech Mahindra, Zensar Technologies Ltd., 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 initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2015	International Conference on "Signal Processing, Communications And Systems Design"(ICSPCOMSD-2015) with ISBN: 978-93-83038-33-6	03/07/2015	03/07/2015	04/07/2015	40
2015	International Conference on "Technical Advancements in Computer Science andEngineering" (ICTACSE-2015) with ISBN: 978-93-83038-34-3	03/07/2015	03/07/2015	04/07/2015	52
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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

Womens Day Celebrations -organized Poster Presentation on "Inspiring Women Role Models"	07/03/2016	08/03/2016	1500	Nill
short movie making on women empowerment	15/09/2015	26/09/2015	125	Nill
role play on great women leaders	07/03/2016	08/03/2016	1500	Nill
Gender Sensitzation oral presentation by faculty	30/10/2015	30/10/2015	600	Nill

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
? MRECW strictly abides green protocol. All programs conducted in college is in accordance with green protocol and in accordance with a view to create environmental consciousness in students and staff. ? Our institution taking serious initiatives to reduce fluid wastes to avoid water scarcity inside the campus. The traded water is used for gardening and flushing purpose. Rainwater harvesting is another important initiatives taken by the management and student to save rain water. ? The Institute provides various means to educate or aware the studentson Climate Change and Environmental science as one of the subject in the I year itself. ? Institute has dedicated environmental society which is basically an ECO club which is associated with NSS UNIT of students that organizes many events and aims at promoting and increasing environmental consciousness, awareness and responsibility amongst the Institute youth and the populace. ? Dustbins are installed at various positions and cleanliness is maintained. Conscious efforts are made to switch off lights and fans when not in use, to save energy. ? The institute has installed solar panels for supplementing the need of power supply to the hostel, Street lights and in EEE department Lab. ? As a part of SWACHHA BHARATH MISSION of Govt. of India, college initiated Cleanlinessprogram among students and staff. ? International Yoga Day Celebrations @ MRECW on 21st JUNE. 2015. ? Personality Development Programme On Meditation and Relaxation Techniques by Sri Rama Chandra Massion on 30th September,2015 ? Personality development through meditation by Sr. Anitha of Brahma Kumari Smaj Hyderabad. On 9th October,2015. ? Inauguration of Meditation Centre in Association with Ramakrishna Math, Hyderabad on 13th August, 2015 ? The New plantation of trees on 16th July, 2015 - GO GREEN Program under MRECW ECO Club which is associated with NSS UNIT. ? The college maintains beautiful garden of decorative plants and a vast lawn for the cricket 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. ? In our institution the staff and students are having good environmental consciousness, hence they are maintaining at least two plants within each class room and staff room.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	2
Rest Rooms	Yes	3
Ramp/Rails	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	13/02/2016	1	personality development programme to gundla pochampally school	1	60
2015	1	1	10/10/2015	1	cleanliness programme to school children	1	100
2015	1	1	16/07/2015	1	GO GREEN- Plantation Programme under MRECW NSS Unit	1	1900

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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	06/07/2015	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 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	06/07/2015		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 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
MRECW- code of conduct to student Counselor		06/07/2015	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
MRECW-code of conduct to Parents	06/07/2015	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
Independence day role play on great leaders	14/08/2015	15/08/2015	1500
Each One Donate One Under the program students donated note books which were distributed to govt. schools.	15/09/2015	15/09/2015	240
salute to Republic day celebrations	26/01/2016	26/01/2016	900
Personality development programme to gundlapochampally school	13/02/2016	13/02/2016	100
Cleanliness programme to school children	10/10/2015	10/10/2015	100
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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 cricket 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. ? The New plantation of trees on 16th July 2015 in GO GREEN Program. 2. Plastic Free Zone: ? ECO Club createawareness to sensitize the students about the harmful effects of plastic. Students were also shown 100 compostable bags and its use was encouraged in place of plastic bags. 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 housekeeping 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. 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. ? The waste is segregated at each level and source. ? The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The block safai workers in each floor collect, clean, segregate and compile the waste in the dustbins provided at each floor. ? The floor dustbins are emptied in movable containers/dustbins provided for each block and is taken to the dumping yard provided by the College.

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 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 Certification through Microsoft Innovation Center-MRECW is A.P's first women's campus to establish an authorized Microsoft Innovation Centre, Java Certification through Oracle Corporation of India and BEC is offered through Cambridge University, U.K. For each one of these certification courses computer labs with Audio Video facilities are required. So, exclusive labs for CISCO, Microsoft, Java, BEC certification are available with 60 systems having audio-video facility. Students are divided into batches and planning for these certification training programmes is done meticulously and conducted after the college hours during vacation, so that every student completes these certification courses by the end of the four years of B.TechProgramme. 4. The Practice: Business English Certification (BEC) training is provided throughout the B.Tech II yr for two periods every week by external and internal professional trainers. The students are then sent for the BEC examination conducted by the Cambridge University U.K. Two of our English faculty members are also authorized official examiners of BEC, so the training is given effectively. Cisco certification is offered through CISCO Networking Academy. The training for this is given in Modules. It consists of totally four modules. Each module consists of 11 chapters. After training in each chapter of the module, a test is conducted and finally for students who complete all the 11 tests, the final module test is conducted. The procedure is same for all modules. The Cisco training classes are conducted

from the II year B.Tech level, after the college hours every day for the hostlers and during the vacation for the day scholars. MRECW is an authorised Microsoft Innovation Centre. 1st Women's campus in INDIA. Microsoft certification is offered through this centre by Microsoft Corporation India. Microsoft Training is given during the III year B.Tech for 12 days continuously and examination is conducted in which the students have to develop Apps on their own. Yapponprogramme, which is a 24 hour continuous coding program is also organized after Microsoft training for which the students are given Yappon Certification. MRECW is an authorized Oracle Academic Partner, in association with Oracle Corporation India which offers JAVA certification. Great care is taken by the institution in planning these certification programmes from the 2nd year B.Tech, so that there is no overlapping and all the certifications are completed successfully by the final year B.Tech. The training sessions are planned after the college working hours and during the vacations with the support of the students and faculty, so that the regular class work is not disturbed. 5. Evidence of Success: The value added certification courses are Add on programmes, which enrich the profiles of the students. They are also being helpful in improving the technical and presentation skills of the students. This is clearly evident with the great success achieved in placements this year. As a part of the certification training, the students are made to develop Apps and projects on their own, which is giving them a lot of confidence and many of the students now feel that they can lead successful careers on their own as Real Time Project Developers. 6. Problems encountered and Resources Required: The few problems encountered are like the extra time which is needed for the trainings without disturbing the classwork. This has been planned after the college working hours for the hostellers and during the vacations for the day scholars with the support of the students and the concerned faculty. The training programmes have to be meticulously planned for the smooth completion of all the certification courses and this is being taken care of by the Training Placement Cell. Best Practice:2 1. Title of the Practice: Application oriented teaching, project based training, Multi mode teaching practice in all classrooms, Remedial classes and Question Banks. 2. Goal: The Institution aims at transforming the students into technically advanced engineers, through comprehensive education by application oriented teaching and project based training to provide hands on experience and practical knowledge in their relevant technical fields. The institution aspires to instill scientific zeal and develop skilled human resource to contemporary challenges. 3. The Context: To provide application oriented teaching and 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 Autonomous syllabus (I II years of UG PG), JNTU syllabus (III IV years of UG) 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://www.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 B.Keerthi,B.Nikithapresented a paper in Magistech-2k15,National Level Technical Symposiumconducted by CBIT, Hyderabad on 15th September,2015 and got IPrize. ? MRECW students SupriyaBarman,V.Suprithapresented a paper in Chemspark-2k15,National Level Technical Symposiumconducted by CBIT, Hyderabad on 21th September,2015 and got IPrize. ? MRECW student SIRI CHANDANAParticipated in Project Expo-2016 in MEDHA-2K15-State Level Technical Symposiumconducted by MRECW on 12th September,2015 and got IPrize. ? MRECW student SIRI G.DIVYASREEParticipated in POSTERPRESENTATIONin MEDHA-2K15-State Level Technical Symposiumconducted by MRECW on 12th September,2015 and got IPrize. ? MRECW students R.SNEHA,G.KALYANIParticipated in TECHNICAL TREASURE HUNTin MEDHA-2K15-State Level Technical Symposiumconducted by MRECW on 12th September,2015 and got IPrize. ? MRECW student B. SRUJANAParticipated in WEB DESIGNINGin MEDHA-2K15-State Level Technical Symposiumconducted by MRECW on 12th September,2015 and got IPrize. ? MRECW studentsB.SRAVANI,B.PRIYANKA,K.SREEJA,K.SREENITHApresented a paper in TECHNOVA-2K15conducted by MRECW, Hyderabad on 7th November,2015 and got I Prize. ? MRECW students A.CHANDANA,C.MOUNIKApresented a paper in EMERGING TRENDS IN ELECTRONICS COMMUNICATIONS conducted by MRECW, Hyderabad on 24th July,2015 and got IPrize. ? MRECW student B SHIVALASYAParticipated in BEST TECHNICAL ORATOR in TECH EXPLORE 2K16- Intra College Technical Symposiumconducted by MRECW, Hyderabad on 9th October,2015 and got IPrize. ? MRECW students BODAPATI TEJA,C.RAMYAParticipated in CSEIT @2030in TECH EXPLORE 2K16- Intra College Technical Symposium conducted by MRECW, Hyderabad on 9th October,2015 and got IPrize. Awards: ? MRECW student TATA MOUNIKAreceived YOUNG ENGINEER AWARD, ECE from MALLA REDDY EDUCATIONAL SOCIETY on 20th March, 2016. ? MRECW student YEDDULA SWAPNAreceived ROLL OF HONOUR AWARDfrom MALLA REDDY EDUCATIONAL SOCIETY on 19th March, 2016. ? MRECW student ARORI SHASHI PREETHIreceived ACADEMIC EXCELLENCE AWARD, EEEfrom MALLA REDDY EDUCATIONAL SOCIETY on 19th March, 2016. ? MRECW student SUNKARI SAI SHEETHAL PATEL received ACADEMIC EXCELLENCE AWARD, ECE from MALLA REDDY EDUCATIONAL SOCIETY on 19th March, 2016. ? MRECW student MITTAPALLY POOJITHAreceived ACADEMIC EXCELLENCE AWARD, CSE from MALLA REDDY EDUCATIONAL SOCIETY on 19th March, 2016. ? MRECW student NARENDRULA LAXMIreceived ACADEMIC EXCELLENCE AWARD, ITfrom MALLA REDDY EDUCATIONAL SOCIETY on 19th March, 2016. ? MRECW facultyMr.G.Prabhakarreceived BEST TEACHER AWARD, CSEfrom MALLA REDDY

EDUCATIONAL SOCIETY,Hyderabad on 5th September, 2015. ? MRECW faculty Ms.Lakshmi Sonyreceived BEST TEACHER AWARD, ITfrom MALLA REDDY EDUCATIONAL SOCIETYon 5th September, 2015. ? MRECW faculty Ms.K.Sumalathareceived BEST TEACHER AWARD, ECE from MALLA REDDY EDUCATIONAL SOCIETY on 5th September, 2015. ? MRECW faculty Ms.S.swathi received BEST TEACHER AWARD, EEE from MALLA REDDY EDUCATIONAL SOCIETY on 5th September, 2015. ? MRECW faculty Ms.K.Tanujareceived BEST TEACHER AWARD, First Year from MALLA REDDY EDUCATIONAL SOCIETY on 5th September, 2015. Achievements of the institution: ? Accreditation by NBA, AICTE, New Delhi ? ISO 9001:2015 Certified Institution. ? Permanently Affiliated to JNTUH ? Ranked 11th in CSR-2016. ? MOU with University of New Orleans, Louisiana,USA. ? MOU with International Technological University, Silocon Valley,USA. ? MOU with the Tech Mahindra, Zensar Technologies Ltd., for Internships, Technology Exchange programmes and Placements. Separate Hostel buildings Construction in completion stage. Playground Extension work in progress. ? TCS Academic Interface Programme Centre to conduct online Examinations.

Provide the weblink of the institution
http://www.mallareddyecw.com/PDFs/IDR/15-16.pdf

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 increase research projects from government and Non-government funding agencies. • Planning to organize FDP related to research Orientation. • Planning to organize Value Added Certification Courses like Cisco-CCNA, Cisco-C, MTA Certification through Microsoft Innovation Center, 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 NSS Activities. • 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, CULTURAL FEST, Interaction Day Celebrations and Musical Shows. • Planning to complete Construction of Separate Exclusive Hostel Building. • Planning to extend Playground.