Yearly Status Report - 2013-2014

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	**Mr.B.V.S.P.Pavan Kumar**
Phone no/Alternate Phone no.	**+919346118803**
Mobile no.	**9885042555**
Registered Email	**adminmrecw@gmail.com**
Alternate Email	**tpomrecw@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	**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	**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		
AICTE sponsored one week workshop on cloud computing	25-Nov-2013 5	65
National Conference on Systems, Signal Processing & Communication by ECE Department (NCSPCOMSD-2014)	03-Jan-2014 2	40
National conference on Technical Advancements In Computer Science & Engineering (NCTACSE2014)	03-Jan-2014 2	41
National conference on Emerging trends in Electrical Systems & Engineering (NCETESE)	03-Jan-2014 2	20
National Conference on Emerging Strategies For Business Advancements (NCESBA-2014)	03-Jan-2014 2	20
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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
MRECW/CSE	seminar Grant	AICTE	2013 5	100000
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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 :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes

If yes, mention the amount	850000
Year	2014

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

ISO 9001:2008 certified institution CISCO International Certification Authorized Center Microsoft Innovation Centre 1st Womens Campus in India CSR Ranked Institution Global education and career guidance cell to promote international education Career 360 Rated by AA Grade Received Engineer Educator Award from University of Bradford UK

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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
AICTE sponsored one week workshop on cloud computing	Faculties were encouraged to take up Research programs and many faculties have started Ph.D. The Centre for Development of Communication skills has conducted BEC Training, JAMs, G.Ds,AICTE sponsored one week workshop on cloud computing organized on 25th to 29th Nov, 2013.
National Conferences	National Conference on Signal Processing Communications and System Design(NCSPCOMSD2014), National Conferencee on Technical Advancements in Computer Science and Engineering (NCTACSE2014), National Conferenceon Emerging Trends in Electrical Systems Engineering (NCETESE2014), National Conferenceon Emerging Strategies for Business Advancements (NCESBA2014) organized under Research Development Cell on 3rd 4th January 2014.
Publications	Faculty published and presented 125 research Papers in Scocus,UGC and reputed International/National Journals/Coferences
Faculty Development Programmes	One week Refresher course on "Analog and Digital Communication"organized by Dept. of ECE ,One week Refresher course on" Power system and power electronic drives" organized by Dept. of EEE during 17th to 21st June,2013, Three day Refresher course on "Engineering Drawing on 26th to 28th August 2013.
Value Added Certification Courses	Cisco CCNA RS introduction to networks

	Certification,Cisco CCNA routing and switching Certification ,,Cisco Programming essentials in C Certificationthrough Cisco Networking Academy,Java SE programmer profession(JCP) certification through Oracle Academy,MTA Certification through Microsoft Innovative Centre through Microsoft Innvation Centre completed.
Business English Certification Courses	Business English Certification by Cambride University completed for II year B.Tech under Centre for Development of Communication Skills Cell
Events under Entrepreneurship Development Cell	Workshop on Financial Analysis for Young Investors by SEBI on 17th July, 2013, ,Business Quiz on 17th August, 2013,Workshop on Employability Enhancement skills Training Programme on 30th August To 14th September, 2013, Two day workshop on " ETHICAL HACKING" for B.Tech III year CSE students on 10th 11th March, 2014, completed under Entrepreneurship Development Cell s

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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	05-May-2014

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**04-Sep-2014**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2013**
Date of Submission	**30-Sep-2013**
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)	Telangana State which is using MIS. The MIS suite consists of a bundle of extensive and powerful features, which helps each area of the educational system from student / parent level to the management level. It consists of a series of modules which integrates each and every activity of the campus to a single data server. We at MRECW implements OutcomeBased Education which means clearly focusing and organizing everything in a systematic way which is essential for all students to be successfully at the end of their learning experiences. LIST OF MODULES: 1. Administration 2. Academics 3. Exam Cell 4. Placement 5. Library 6. SMS 7. Utilities 8. Security

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

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

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

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
CISCO Certification Course in Association with CISCO,USA	0	01/07/2013	30	yes	yes
ESOL EXaminations (BEC) university	0	01/07/2013	30	yes	yes
Microsoft Innovative CEntre	0	01/07/2013	30	yes	yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	Computer Science	03/06/2013
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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 Engineering	01/06/2013
BTech	Electronics and Communication Engineering	01/06/2013
BTech	Electrical and Electronics Engineering	01/06/2013
BTech	Information Technology	01/06/2013
Mtech	computer Science Engineering	02/09/2013
Mtech	computer Science	02/09/2013
Mtech	Embedded Systems	02/09/2013

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

	Certificate	Diploma Course

Number of Students	1325	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	01/07/2013	600
Microsoft Certification through Microsoft Innovation Centre	01/07/2013	600
ESOL EXaminations (BEC) university	05/08/2013	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	124
BTech	Electronics & Communication Engineering	121
BTech	Electrical & Electronics Engineerig	115
Mtech	Computer Science & Engineering	22
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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	Computer Science and Enginering	24	45	23
Mtech	Computer Science	24	49	24
Mtech	Embedded Systems	24	56	24
BTech	Information Technology	60	200	60
BTech	Electrical and Electronics Engineering	60	100	60
BTech	Electronics and Communication Engineering	240	600	240

BTech	Computer Science and Engineering	240	800	240
MBA	MBA	60	67	33
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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
2013	1899	199	120	20	140

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
140	140	42	42	42	15
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

To provide personalized Counseling to each and every student, the institute has a very actively functioning Counseling and Mentoring Cell, through which 20 students are attached to each faculty member for Counseling. The Cell works with the vision, 'To produce highly skilled, world class engineers with great leadership abilities' and the mission, 'To motivate the students who are weak academically, highlighting their strengths and showing the know how to convert weaknesses into strengths'. The functions of this Counseling and Mentoring Cell are, to provide constant guidance and motivation to the students for Academic Excellence as well as participation in co curricular and extra-curricular activities, to counsel students to improve technical abilities, communication skills,language proficiency, interpersonal skills, presentation skills, organization skills, time management skills and team spirit, to identify slow learners and give proper guidance for improvement, to identify and counsel behaviorally typical students and to conduct special counseling for hostellers. Counseling Register to maintain details of the allotted 20 students are provided to the Counselors and Counseling includes regular record of student attendance, performance, activities and results along with constant guidance and motivation to the students in academics as well as co-curricular and extracurricular activities. Constant rapport is maintained by the Counselor with the students. Slow learners typical candidates are identified, given proper guidance and also provided with Remedial Classes. Counseling is done once in every 15 days and the report is submitted to class teachers which would be further forwarded to counseling year in charges and then to over all incharges. Once every month, as per stipulated dates, the counselors meet overall Counseling incharge explain progress of individual student. Also, Students are enquired regularly by Overall Counseling Incharge,about counseling being done, to identify whether the counseling process is in place without any deviation. Counselors are more responsible for the progress performance of the 20 students in all aspects. So, they closely monitor the students give them constant guidance heartfully.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2079	140	1:15

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
140	140	Nill	14	10

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
2013	Dr.Y.Madhavee Latha	Principal	BEST PRINCIPAL AWARD
2013	Mr.N.Raveendra	Associate Professor	BEST HOD, EEE AWARD
2013	Prof. K.Ramesh Babu	Associate Professor	BEST HOD, CSE AWARD
2013	Ms.A.Radha Rani	Assistant Professor	BEST TEACHER AWARD, CSE
2013	Dr.Y.Madhavee Latha	Principal	Governing Body Member,MRCET

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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/II	03/05/2014	20/07/2014
BTech	A	I/II	23/11/2013	13/02/2014
BTech	A	II/II	03/05/2014	20/07/2014
BTech	A	I/III	23/11/2013	05/02/2014
BTech	A	II/III	03/05/2014	24/06/2014
BTech	A	I/IV	23/11/2013	05/02/2014
BTech	A	II/IV	03/05/2014	24/06/2014

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

The total evaluation will be done in combination of Internal and External basis. Procedures followed for Theory Exams during a semester, there shall be two mid-term examinations . Each mid-term examination consists of one objective paper, one descriptive paper and one assignment.. While the first mid-term examination shall be conducted on 50 percent of the syllabus, the second 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	Programme	Programme	Number of	Number of	Pass Percentage

Code	Name	Specialization	students appeared in the final year examination	students passed in final year examination	
D58	Mtech	computer science Engineering	24	22	91.6
D55	Mtech	Embeddes Systems	23	19	82.6
A02	BTech	EEE	114	105	92.1
A04	BTech	ECE	122	111	90.9
A05	BTech	CSE	119	103	86.5
E00	MBA	MBA	53	52	98.1
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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/13-14.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	150	Coign Technologies	250000	250000
Industry sponsored Projects	120	Inspire	150000	150000
Industry sponsored Projects	330	Unistring Tech Solutions PVt Ltd	350000	350000
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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
Presentation on Measures to Empower to Women become Self Defencive	EDC CELL	05/10/2013
Seminar on Processing of Business Financing	EDC CELL	10/10/2013
workshop on Best Business Plans for Lady Entrepreneurs by Dr M Asha Rani Director	EDC CELL	16/03/2013

Entreprenuership Development Cell JNTUH			
Workshop on Entrepreneur Skills Development Programme by C Satya Murthy Director CS Industrial Consultancy	EDC CELL	27/04/2013	
Workshop on Financial Education for Young Investors by J Anil SEBI	EDC CELL	17/10/2013	
Two Day workshop on "CIRCUIT DESIGN IMPLEMENTATION USING PCB" for II B.Tech Students	Electronics and Communication Engineering	04/07/2013	
Two day work shop on "Analog Circuits Design and Implementation Using OSCAD" for III B.Tech students	Electronics and Communication Engineering	04/07/2013	
Two day workshop on "ROBOTICS"for B.Tech III year students	Electronics and Communication Engineering	21/02/2014	
Two Day workshop on "MATLAB Simulation Applications in Electrical Engineering" for B.Tech II Year EEE Students on	Electronics and Communication Engineering	08/03/2014	
Two day workshop on "SIM POWER SYSTEMS" for B.Tech III year EEE students.	Electrical and Electronics Engineering	28/02/2014	
Workshop on ARM Processor	Electronics and Communication Engineering	13/12/2013	
Two day Workshop on HTML 5 for II CSE Students	Computer Science and ngineering	21/02/2014	

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 HOD, EEE	Mr.N.Raveendra	Malla Reddy Educational Society	05/09/2013	BEST HOD, EEE AWARD
BEST HOD, CSE	Mr.K.Ramesh	Malla Reddy Educational Society	05/09/2013	BEST HOD, CSE AWARD
BEST PRINCIPAL	Dr.Y.Madhavee Latha	Malla Reddy Educational Society	05/09/2013	BEST PRINCIPAL AWARD
ROLL OF HONOUR ECE	B Prasanthi	Malla Reddy Educational Society	18/03/2014	ROLL OF HONOUR
ROLL OF HONOUR EEE	Mergu Bala Sai Prabha	Malla Reddy Educational	18/03/2014	ROLL OF HONOUR

| ROLL OF HONOUR CSE | Manoj Lalitha Jain | Society | 18/03/2014 | ROLL OF HONOUR |
| | | Malla Reddy Educational Society | | |

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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

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
6	4	2

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

Name of the Department	Number of PhD's Awarded
COMPUTER SCIENCE AND ENGINEERING	1

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	Humanities and Sciences	3	0
International	Electrical and Electronics Engineering	11	0
International	Master of Business administration	3	0
International	Computer Science and Engineering	12	0
International	Electronics and Communication Engineering	9	0
International	Information Technology	1	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ELECTRICAL AND ELECTRONICS ENGINEERING	15
INFORMATION TECHNOLOGY	7
ELECTRONICS AND COMMUNICATION ENGINEERING	20

COMPUTER SCIENCE ENGINEERING	21
HUMANITIES SCIENCES	10
MBA	10

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Active queuing Mechanism for WCDMA Network	Dr.Y.Mad haveelatha	International Journal of Computer Science and Information Security(IJCSIS)	2013	1	MRECW	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Active queuing Mechanism for WCDMA Network	Dr.Y.Mad haveelatha	International Journal of Computer Science and Information Security(IJCSIS)	2013	Nill	1	Dept. of ECE,Malla Reddy Engi neering 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/Semi nars/Workshops	1	20	50	63
Presented papers	1	83	6	10
Resource persons	1	10	15	17

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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/	Number of teachers	Number of students

	collaborating agency	participated in such activities	participated in such activities
Rally on "Save India From Financial Crisis"	NSS	10	1900
Dental Health Checkup Camp	Malla Reddy Institute of Dental Sciences	6	235
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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
softskills traimimg Programme	Best Facilitator Award	TECH MAHINDRA	40
Computer Education Programme for Gundlapochampally Government School Children	Appreciated by Head Master,Maisamma Guda	Head Master,Maisamma Guda	35
Rally on "Save India From Financial Crisis"	Appreciated by Gundlapochampally Sarpanch	Gundlapochampally Sarpanch	1200
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
MRECW NSS UNIT	NSS	international yoga Day	6	126
MRECW NSS UNIT	Malla Reddy Institute of Dental Sciences	Dental Health Checkup Camp	6	235
Gender Equality	MRECW	oral Presentation on Gender Equality given by our faculty	3	530
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Traning on Android	V.Narmada	Coign Consultant Pvt. Ltd	6
Traning on Webdesign	Radha Rani Akula	Inspire	6

Cloud Computing	All faculty	AICTE	5
National Conference	All faculty	MRECW	2
Guest Lecture on Research Ideas and Opportunities	III year Students	MRECW	1
Marketing	MBA students	MRECW	1
Traning on Entrepreneuership	Mr.Amarnath reddy	MRCET	2
Traning on Robotics	K.Sumalatha	unistring Tech Solutions PVt Ltd	6

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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 CO LLABORATION	INTERNSHIP	Pantech ProEd Pvt. Ltd	01/05/2014	01/06/2014	3
INDUSTRY INSTITUTE CO LLABORATION	INTERNSHIP	GENSAR IA	01/05/2014	01/06/2014	2
INDUSTRY INSTITUTE CO LLABORATION	INTERNSHIP	TECHFORT SOFTWARE SERVICES PVT. LTD.	01/05/2014	01/06/2014	2
INDUSTRY INSTITUTE CO LLABORATION	INTERNSHIP	DLRL	07/01/2013	31/03/2014	6
INDUSTRY INSTITUTE CO LLABORATION	PROJECTS	ELECTRONICS CORPORATION OF INDIA LIMITED	10/06/2013	09/07/2013	3
INDUSTRY INSTITUTE CO LLABORATION	PROJECTS	ANDRA PRADESH POWER GENERATION CORPORATION LIMITED	22/06/2013	03/07/2013	3
INDUSTRY INSTITUTE CO LLABORATION	PROJECTS	CENTRL POWER TRAINING INSTITUTE	18/06/2013	06/07/2013	3
INDUSTRY INSTITUTE CO	PROJECTS	ANDRA PRADESH	18/06/2013	06/07/2013	3

LLABORATION		TRANSMISSION CORPORATION LIMITED			
INDUSTRY INSTITUTE COLLABORATION	PROJECTS	BHARAT HEAVY ELECTRICALS LIMITED	11/06/2013	25/06/2013	12
INDUSTRY INSTITUTE COLLABORATION	PROJECTS	SOUTH CENTRAL RAILWAYS	03/06/2013	22/06/2013	3
[View File](#)					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ESOL Examinations Business English Certification (BEC) Centre, University of Cambridge, U.K.	07/08/2014	BUSINESS ENGLISH CERTIFICATION	540
Microsoft Corporation India Pvt Ltd	01/07/2013	Microsoft Certification	156
ZENSAR Technologies Ltd	14/05/2014	Promoting special education employment enhancing vocation skills	400
Globarena Technologies Private Limited	04/01/2013	Globarena E-mentoring system for development of Employability Skills	315
Shastra Micro Systems	19/05/2013	Project training Promote RD activities and execute projects	204
Naresh Engineering Technologies	19/05/2013	Project training for EEE department students	66
Vedic school of VLSI Design	20/03/2014	Project training for ECE department students	113
Unistring Tech Solutions Private Limited	24/10/2013	Project training for ECE department PG students	106
Rofous Software PVT LTD	24/10/2013	Project training for all departments UG PG students	450
Smart Skills Lab	01/03/2014	Skills	256

	enhancement Program and workshops for all UG PG	
	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
25695000	23695696

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	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
koha library automation software	Fully	Nill	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12435	3427902	1730	546406	14165	3974308
Reference Books	2297	527382	213	52565	2510	579947
Journals	308	160308	154	79692	462	240000
CD & Video	1198	Nill	494	Nill	1692	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
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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
G.Prabhakar	Compiler Design-(Learning Management Software)	adobe page maker	25/06/2013
K.Smitha	Webservices-(Learning Management Software)	adobe page maker	12/06/2013
N.Raveendra	Power Electrinics-(Learning Management Software)	adobe page maker	17/09/2013
K Sumalatha	Anteenas-(Learning Management Software)	adobe page maker	23/08/2013
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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	634	7	80	1	1	4	6	80	1
Added	130	4	0	0	0	0	0	0	0
Total	764	11	80	1	1	4	6	80	1

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

80 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
SEMINAR HALLS Equipped with LCD, Computer with Internet Connection, Class Rooms with LCD, Computer with internet connection, BOARD ROOM, Two Advanced English Communication Skills Laboratories, oral Communication skills laboratory	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

| 6500000 | 6369615 | 14200000 | 13157166 |

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 syllabus of JNTUH approved by 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, inter net 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. Institute sport has following facilities: ? Throw ball court ? Volleyball court ? Basketball court ? Tennis court etc.

http://www.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	30000
Financial Support from Other Sources			
a) National	central govt , Post metric scholar ship(SC),state govt merit scholarship,aicte scholarship	1165	38445000
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 Bodhamayananda ji maharaj from RK Math, hyd	28/09/2013	600	RK Math
Intra college Elocution Competition on TIME MANAGEMENT	22/08/2013	325	MRECW
Workshop on Employability Enhancement skills Training Programme	30/08/2013	600	COIGN Technologies
Soft skills Through Smart skills	16/09/2014	600	FACE
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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
2013	Campus recruitment Training Programme	358	329	Nill	344
2013	Workshop on Employabi lity Enhancement skills	68	68	42	19

| 2013 | GRE coaching by Time Institute | 290 | 290 | 125 | 23 |

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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
9	355	300	3	80	44

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2014	1	B.tech	ECE	Midwestern state university	MS
2014	1	B.tech	CSE	Midwestern state university	MS
2014	1	B.tech	IT	Fairleigh Dickinson University , USA	MS
2014	1	B.tech	CSE	Fairleigh Dickinson University , USA	MS
2014	1	B.tech	CSE	Long island university ,Newyork,USA	MS
2013	1	B.tech	cse	Murray State University	MS
2014	1	b.tech	cse	CQU, Australia	MS

2014	1	b.tech	CSE	Campbellsville university	MS
2013	1	B.tech	ECE	Murray State University	MS
2013	1	B.tech	CSE	New England college	MS
[View File](#)					

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	19
TOFEL	11
SLET	23
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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
Spartacus- Intra College Sports Fest	Intra College sports fest	420
TECHTROPHY-State Level Sports Fest	State	565
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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
2013	First prize	National	Nill	3	Nill	Shifana
2013	First prize	National	Nill	1	Nill	N.Divya latha
2013	First prize	National	Nill	1	Nill	B.Krupa
2013	First prize	National	Nill	1	Nill	N.Spandana
2013	First prize	National	Nill	1	Nill	N.Divya latha
2013	First prize	National	Nill	1	Nill	B.Krupa
2013	First prize	National	Nill	1	Nill	N.Spandana
2013	second prize	National	Nill	1	Nill	L.Mounika

2013	second prize	National	Nill	Nill	Nill	N.Spandana
2014	First prize	National	1	Nill	Nill	A.Radhika
			View File			

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

Student participation representation in decision making is encouraged by the college for better academic environment in the institute through different academic and administrative bodies like: Internal Quality Assurance Cell: Student representatives are involved in IQAC to manifest and promote the quality initiatives to be implemented in the institute. Executive Bodies of Professional Student Chapters: like IEEE, ISTE, IETE CSI and Co-curricular Activities Coordinators of each class, coordinate and conduct technical fests, Paper presentations, Code Design Contests, Idea Presentations, 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?

No

5.4.2 – No. of enrolled Alumni:

259

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

15000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association Execution Committee meeting is conducted twice every a year. Alumni Meet is conducted every year. alumni meet was conducted on 4th January,2014. few alumni visited the campus and they shared experiences and guidance to juniors for campus placements and higher education.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

College follows decentralization and participative Management in academic and operational policies. The institution's Governing Body, IQAC and Academic Committee are the key policy framing and decision making bodies, constituted by the Principal, HODs and faculty at different levels indicating good decentralization. Institutional Committees like Finance, Budget and Procurement Committee, Disciplinary Committee, Grievance Redressal Committee, SC/ST Committee, Women Protection Cell Committee, Anti Ragging Committee operate directly at the institutional level with departmental support. Other Institutional 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 AICTE sponsored one week FDP on "Cloud computing" on 25th to 29th Nov, 2013. After initiation approval of IQAC, the Academic Committee, executed the conduction of the FDP with high rate decentralization through several committees like, • FDP Finance Committee • Brochure Preparation Designing Committee,to prepare the brochure contents take charge of designing. • FDP Communication Correspondence Committee,to identify prospective participants communicate. • FDP Registration Committee for registration process of participants. • Resource Persons Invitation Committee to invite eminent relevant persons for the FDP. • Inaugural and Valedictory Arrangements Committee. • Hospitality and Catering Committee. • FDP Venue and Infrastructure Arrangements Committee. • Certificates Distribution Committee for distribution of certificates to registered attended candidates. • FDP Report, Media and Photographs Committee. • FDP File Maintenance Committee. Through efficient delegation of responsibilities, the FDP was a grand success. Case study-2: Conduction of 3 National Conferences – NCTACSE-2014, NC-SPCOM-SD-2014 and NCETESE-2014 organized on 3rd4th January 2014 by 3 Departments - CSE IT, ECE and EEE, under RD Cell. After initiation approval of IQAC, the Academic Committee, executed the conduction of the Three National Conferences with high rate decentralization through several committees like, • Conferences Finance Committee • Brochure Preparation Designing Committee, to prepare the brochure contents take charge of designing. • Conference CommunicationCorrespondence Committee, to identify prospective authorscommunicate. • Conference Papers Review Committee,consisting experts in relevant areas to reviewselect best papers. • Conference Advisory BoardEditorial Board Committee,to identify Advisory board members and editorial board members. • Conference proceedings

Committee, for obtaining conference ISBN number and for preparationpublishing of conference proceedings. • Conferences Registration Committee for registering selected papers for conference. • Conference kit distribution Committee for arranging Conference kits, consisting of Conference Bags, Conference Certificates, Conference proceedings, Note pad, penConference session schedule and distribution of kits to registered candidates. • Keynote speakers and SessionChairs Invitation Committee • Inaugural and valedictory arrangements Committee. • Hospitality and catering Committee. • Conferences VenuesInfrastructure Arrangements Committee. • Conference Report, Media and Photographs Committee. • Conference files submission Committee. With good decentralization, the 3 National Conferences were successfully organized.

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 eclassrooms Application Oriented Teaching Project based training. Expert Lectures Seminars and conferences.Training Professional English Communication training Value Added Certification Training Programmes: o CISCO Certification o Microsoft Technology Training Certification Certification Business English Certification Soft Skills, Technological Skills CRT. Online assessment tests for employability enhancement.
Examination and Evaluation	MRECW is having strong and committed examination section. The examination section strictly follows the instructions of affiliated university for conduction of examinations. For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End-Examination. For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one

	descriptive paper and one assignment. The average of the two mid-term examinations shall be taken as the final marks secured by each student in internals. For practical subjects there shall be a continuous internal evaluation during the semester for 25 sessional marks and 75 semester end examination marks. The Mini-Project shall be evaluated along with the project work in IV year II Semester for 50 marks. There shall be no internal marks for mini-project. There shall be a seminar presentation in IV year II Semester for 50 Marks. There shall be no external examination for the seminar. There shall be a Comprehensive Viva-Voce in IV year II semester for 100 Marks. There are no internal marks for the Comprehensive Viva-Voce. Out of a total of 200 marks for the project work, 50 marks shall be allotted for Internal Evaluation and 150 marks for the End Semester Examination (Viva Voce).
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 SCI, Scopus Indexed and UGC Journal publications were made by faculty. National conferences in ECE, EEE, MBA, CSE IT conducted on January 3rd 4th ,2014. FDPs on Research Methodologies- organised regularly.
Library, ICT and Physical Infrastructure / Instrumentation	? Library: ? Digital(50 computers), Duplex,Central Library with space more than AICTE norms 14165 Book volumes, 1044 National International Journals ? E-books- EBSCO and membership OPAC ? Online subscription of IEEE XPLORE Digital Library, JGATE, DELNET British Library Books bar coded and RFID tagged Fully automated with New KOHA Software 3 Auditoriums-600, 300 and 150 capacity. ? All eclassrooms. 764 computers Laptops for faculty with wi-fi. State of the art laboratories, R D lab Indoor
Human Resource Management	Human Resource Management: Highly

	qualified experienced faculty (as per AICTE norms), Non-teaching Technical staff are appointed through an effective recruitment process. The process includes News Paper Advertisements, Screening Short listing of eligible candidates and Interview by Internal selection Committee. For faculty, it is followed by ratification by JNTUH. Associate Professor Professor designations are offered subject to fulfillment of applicable qualifications API scores. The knowledge skills of the faculty are upgraded through Refresher Courses, Workshops, FDPs, Conferences and Personality Development Programmes regularly. Excellent academic environment with good Faculty-student bonding.
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 LT IES, NTT DATA, Amazon, Tech Mahindra, Zensar, NTT Data, Sutherland Global, IBM Cognizant. - Value-Added-Certification Courses offered by Cisco, Microsoft,
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, filledin 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
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.
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.
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.Five year Perspective Plans and yearly budgets are prepared based on online inputs received from students and faculty. ? The E-governance provides support to placement cell for students to trainings company recruitment process. ? The Institution uses BEES software provides login credentials to the faculty improve teaching learning process by providing digital notes, Lab manuals and PPTs of Lecturer, Effective mentoring of students and in time submission of necessary data to administration etc.
	Examination	Malla Reddy Engineering College for Women is affiliated to JNT University. Hyderabad. JNTUH provides e-software for following facilities to the institution internal and external examinations. Student Registrations, Attendance Reports, Marks Uploading ,Fee Collection, Projects Related, Center Allotments, Student Exams Registration Hall Tickets Printing, Labs Projects related valuation marks etc.. will be made through Http://Registrations1.Jntuh.Ac.In/Olrbtech Circulars, Notifications, Results, Instructions from The University will be accessed through https://exams.jntuh.ac.in Question paper decryption process will be made through ems using "JNTUH VPN TOOL". 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.
	Finance and Accounts	The eligible students are applying for scholarship to the Andhra Pradesh e-pass portal for the fee reimbursement and the college is alsoregistered 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.

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
2013	Mr.A.Sanjeeva Reddy	Attended Two day workshop on Research Methodologies conducted by St.Peters Engg College	MRECW	1000
2013	Mr.N.Raveendra	Attended workshop on "Soft Techniques to Finite Element Model for Electrical Engineering Research Applications".	MRECW	2000
2013	Mr.N.Raveendra	Attended One week workshop on "Power Quality and Custom Power Devices" at Bangalore.	MRECW	2000
2013	P.Shirisha	2 week workshop on "Rough Sets Approach For Engineering Application" organized By MRCET	MRECW	1000
2013	Ms.K.Swetha Sastry	2 week workshop on "Rough Sets Approach For Engineering Application" organized By	MRECW	1000

2013	Mr.S.Rajkumar	2 week workshop on "Rough Sets Approach For Engineering Application" organized By MRCET	MRECW	1000
2013	Mrs.S.K.Nilofer	2 week workshop on "Rough Sets Approach For Engineering Application" organized By MRCET	MRECW	1000
2014	Mr.V.Veerababu	Two day Workshop on Antenna Simulation using ANSYSHFSS Tools at JNTU,Hyderabad	MRECW	1000
2014	Mrs.K.Sumalatha	Two day Workshop on Antenna Simulation using ANSYSHFSS Tools at JNTU,Hyderabad	MRECW	1000
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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)
2014	National conference on Signal Processing And Communication System Design -SPCOM-SD-2014)	National conference on Signal Processing And Communication System Design -SPCOM-SD-2014)	03/01/2014	04/01/2014	25	4
2014	National conference on	National conference on	03/01/2014	04/01/2014	32	4

	Technical Advancements In Computer Science Engineering (NCTCSE-2014)	Technical Advancements In Computer Science Engineering (NCTCSE-2014)				
2014	National conference on Emerging trends in electrical systems engineering (NCETESE – 2014)	National conference on Emerging trends in electrical systems engineering (NCETESE – 2014)	03/01/2014	04/01/2014	12	2
2013	One week Refresher course on "Analog and Digital Communication"	One week Refresher course on "Analog and Digital Communication"	17/06/2013	21/06/2014	35	7
2013	One week Refresher course on" Power system and power electronic drives"	One week Refresher course on" Power system and power electronic drives"	17/06/2013	21/06/2013	12	2
2013	One week workshop on LAMP Products	One week workshop on LAMP Products	18/11/2013	23/11/2013	34	9
2013	Three day Refresher course on "Engineering Drawing	Three day Refresher course on "Engineering Drawing	26/08/2013	28/08/2013	6	2
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
National Conference on "Emerging	20	03/01/2014	04/01/2014	2

Strategies For Business Advancements" (NCESBA-2014)				
One week workshop on LAMP Products	43	18/11/2013	25/11/2013	5
One week Refresher course on" Power system and power electronic drives"	12	17/06/2013	21/06/2013	5
One week Refresher course on "Analog and Digital Communication"	35	17/06/2013	21/06/2013	5
National conference on Emerging trends in electrical systems engineering (NCETESE – 2014)	20	03/01/2014	04/01/2014	2
National conference on Technical Advancements In Computer Science Engineering (– 2014)	41	03/01/2014	04/01/2014	2
AICTE sponsored one week workshop on " cloud computing"	65	25/11/2013	29/11/2013	5
National conference on Signal Processing And Communication System Design -SPCOM-SD-2014)	40	03/01/2014	04/01/2014	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

140	140	42	42

6.3.5 – Welfare schemes for

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

6.4 – Financial Management and Resource Mobilization

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

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

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Coign Edu.	25000	MTA Certification Training Programme

6.4.3 – Total corpus fund generated

1750000

6.5 – Internal Quality Assurance System

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

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

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

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

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

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

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

ISO 9001:2008 Certified Institution. Received Engineering Educators Award from University of Bradford, U.K. MOU signed with ESOL Examinations Business English Certification (BEC) Centre, University of Cambridge, U.K, Microsoft Corporation India Pvt Ltd Established Business English Certification (BEC) Centre, University of Cambridge, U.K. Established Cisco International Certification Authorized Centre. Established Global Education and Career Counseling Centre to promote International Education. Established A View Online Video Lectures-Recognized Centre by JNTUH. MRECW Radio Academy and MRECW TV Academy for al-round development of students. Initiated Department Technical Quarterly E-Magazine – Technitronix-ECE, Infospark-CSE IT, Elektor-EEE.

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
2013	AICTE sponsored one week workshop on " cloud	25/11/2013	25/11/2013	29/11/2013	65

2014	National conference on Signal Processing And Communication System Design -SPCOM–SD-2014)	03/01/2014	03/01/2014	04/01/2014	40
2014	National conference on Technical Advancements In Computer Science Engineering (– 2014)	03/01/2014	03/01/2014	04/01/2014	41
2014	National conference on Emerging trends in electrical systems engineering (NCETESE – 2014)	03/01/2014	03/01/2014	04/01/2014	20
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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
Short film making competition on Inspiring Women	07/03/2014	08/03/2014	120	Nill
poster presentation on women empowerment	07/03/2014	08/03/2014	256	Nill
Gender Sensitization-ECE	02/12/2013	20/12/2013	120	Nill
Gender Sensitzation-CSE	02/12/2013	20/12/2013	120	Nill
Elocution competition on Empower	04/03/2014	08/03/2014	325	Nill

Women Change the World				
Gender Sensitzation -EEE	02/12/2013	20/12/2013	120	Nill
role play on great women Leaders	07/03/2014	08/03/2014	63	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 students on 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 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. 2013. ? 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	6
Special skill development for differently abled students	Yes	1

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

2014	1	1	01/03/2014	1	Computer Education Programme for Gundlapochampally Government School Children	1	235
2013	1	1	26/10/2013	1	dental camp	1	250
2013	1	1	04/09/2013	1	Rally on Save India From Financial Crisis	1	1600

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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 Parents	02/09/2013	In the process of moulding 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 when the classes commence through offline. 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.
MRECW-code of conduct to studentss	02/09/2013		All the students are advised to follow the below code of conducts: Maintain Academic Discipline and Self Discipline. Maintain regularity for online classes and also for offline physical classes in future. 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 Teacher	01/07/2013	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 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/application-based 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 student Counselor	01/07/2013		? 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 over all 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

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day-Role Play	14/08/2013	15/08/2013	365
Republic day-Patriotic Songs Competitions	25/01/2014	26/01/2014	390
Teachers Day Celebrations -Power Point Presentation on Inspire Teachers	05/09/2013	05/09/2013	120

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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. 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. ? 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. 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.Tech Programme. 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. Yappon programme, 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 hostelers 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 JNTU syllabus 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 of JNTUH. 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

The College has MOUs with Microsoft Certification, ESOL Examinations Business English Certification (BEC) Centre, University of Cambridge, U.K.Microsoft Corporation India Pvt Ltd, ZENSAR Technologies Ltd, Globarena Technologies Private Limited, Shastra Micro Systemsfor encouraging entrepreneurship, Technology Exchange Programmes and Placements. MRECW students are participated in various state level and National level Students Technical Symposium programs. ? MRECW students M. Kousalyapresented a paper in TEXPLOSION 2K14,National Level Technical Symposiumconducted by MRIT, Hyderabad on 3rdJuly,2013 and got Second Prize. ? MRECW student T. NAMRATHAParticipated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student R SRUTHI Participated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student M, SHARANYA Participated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student P. GEETHASRI Participated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student N SUPRIYA Participated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student B SPANDANAParticipated in HARDWARE DESIGN in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student R KAVYASRIParticipated in PROJECT EXPOin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECWstudent K HARITHAParticipated in PROJECT EXPOin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student P NAVEENA Participated in PROJECT EXPOin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 27th June,2013. ? MRECW student VAISHALI Participated in FUN WITH MATLABin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student KEERTHI Participated in FUN WITH MATLABin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student AKSHARA Participated in FUN WITH MATLABin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student G. AKHILAParticipated in PICTURE INTERPRETATION in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student C RASHIKAParticipated in PICTURE INTERPRETATION in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student S BHAVANIParticipated in DEBUGGINGin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student S BHAVANI Participated in WEB DESIGNINGin State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student V PRANITHAParticipated in PROQUEST in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW student N MOUNIKA Participated in PROQUEST in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014. ? MRECW R MEENA Participated in PROJECT EXPO in State Level Technical Symposiumconducted by Malla Reddy Educational Society, Hyderabad on 31stMarch,2014.

Provide the weblink of the institution
http://www.mallareddyecw.com/PDFs/IDR/13-14.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, 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 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.