



Yearly Status Report - 2019-2020

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																									
Autonomous Status (Provide date of Conformant of Autonomous Status)	11-Oct-2018																								
Type of Institution	Women																								
Location	Rural																								
Financial Status	Self financed																								
Name of the IQAC co-ordinator/Director	Ms.A.Radha Rani																								
Phone no/Alternate Phone no.	+919346118803																								
Mobile no.	9000180136																								
Registered Email	adminmrecw@gmail.com																								
Alternate Email	akularr786@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	http://mallareddyecw.com/PDFs/AQAR/18-19.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.mallareddyecw.com/jntuacademic_calenders.html																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.05</td> <td>2014</td> <td>24-Sep-2014</td> <td>23-Sep-2019</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.05</td> <td>2019</td> <td>13-Feb-2019</td> <td>31-Dec-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.05	2014	24-Sep-2014	23-Sep-2019	2	A	3.05	2019	13-Feb-2019	31-Dec-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	A	3.05	2014	24-Sep-2014	23-Sep-2019																				
2	A	3.05	2019	13-Feb-2019	31-Dec-2023																				
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 IQAC	Date & Duration	Number of participants/ beneficiaries
5 th INTERNATIONAL CONFERENCE ON EMERGING STRATEGIES FOR BUSINESS ADVANCEMENTS (ICESBA	06-Dec-2019 2	90
5th International Conference on Emerging Trends In Electrical Systems & Engineering (ICETESE-2019)	06-Dec-2019 2	38
5th International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2019) on 6th & 7th December 2019	06-Dec-2019 2	85
5th International Conference on Signal Processing Communications and System Design (ICSPCOMSD- 2019)	06-Dec-2019 2	65
AICTE Sponsored ONE WEEK STTP PROGRAMME ON RECENT TRENDS IN WIRELESS SENSOR NETWORKS AND APPLICATIONS	04-May-2020 6	285
AICTE Sponsored ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT	27-Apr-2020 6	290
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8. Provide the list of Special Status conferred 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/ECE/Dr.Y. Madhaveelatha	MODROBS	AICTE	2020 730	831000
MRECW/ECE/Dr.Va santha Swaminathan	MODROBS	AICTE	2020 730	1219718
MRECW/ECE/Dr.L. Malliga	STTP	AICTE	2020 7	370000
MRECW/ECE/Dr.S. Rajkumar	STTP	AICTE	2020 7	396667
MRECW/ECE/Dr.va santha	STTP	AICTE	2020 7	331667

Swaminathan

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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 :

5

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

4857052

Year

2020

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

NIRF Indian Ranking 2020 MHRD, Govt. of India. Band A (6th - 25th) National Ranking in Atal Ranking of Institutions on Innovation Achievements (ARIIA), MHRD, Govt. of India. Ranked 3rd among the Outstanding Engineering Colleges of Excellence CSR. Platinum Rated by AICTECII Survey of Industry Linked Ranked in Top 100 institutions in the country by Outlook

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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

Hackathons

Smart India Hackathon-2020 Campus Edition(17Jan to 20th Jan2020), Two Day National Level Students Hackathon on Rural Development with Make in INDIA in Association with JHUB JNTUH (21st & 24th January2020),Software Hackathon using Python for ECE&EEE Students (6th to 8th January 2020),Hardware Hackathon using Raspberry-pi under Robotics & IOT Club(17th & 18th January 2020),Hardware

	<p>Hackathon using Nano Arduino under Robotics & IOT Club(17th & 18th January 2020),Hardware Hackathon using Nano Arduino under Robotics & IOT Club(5 th to 8th January 2020),Software Hackathon using Python for CSE&IT Students under Python Club(6 th 9th & 10th January 2020),Hackathon on AI&ML with Data Science under AI& ML Club(10th & 11th January 2020), Hardware Hackathon using Embedded Systems under Robotics & IOT Club(20th & 21st Sep2019),Hackathon on App Development for I Year Students(21st 23rd and 24th 2020),Micro Soft -Software Hackathon CSE & IT Students(22nd July to 23rd July2019)completed under Events Entrepreneurship Development Cell.</p>
<p>Pearson,Oxford,Business English Certification Courses</p>	<p>Pearson Certification Traning(LSWR Skills) for III Year Studets,Oxford Achievers Certification for II Year Students and Business English Certification by Cambride University completed under Centre for Development of Communication Skills Cell</p>
<p>Value Added Certification Courses</p>	<p>Cisco CCNA RS introduction to networks Certification,Cisco Programming essentials in C certification,Cisco CCNA routing and switching Certification ,Cisco Linux Certification,Cisco Programming essentials in C++ Certification-through Cisco Networking Academy,Robotic Process Automation Certification Training ,Java SE programmer profession(JCP) certification through Oracle Academy,MTA Certification through Microsoft Innovative Centre through Microsoft Innvation Centre completed. Coursera Certifications, TCS ION Certifications</p>
<p>Faculty Development Programmes</p>	<p>Faculty Development Program on English Language & Communication Skills for Effective Teaching Organized by Centre for Development of Communication Skills(22nd May to 23rd May 2020),Workshop on Effective Teaching Methods for Engineering Education (1st July to 3rd July 2019),one week refresher course on Python(25th Nov to 30th Nov 2019),Refresher Course on Digital Signal Processing(6th April to 9th April 2020), Refresher Course on Embedded & VLSI Systems(15th April to 18th April 2020),Refresher Course on Analog and Digital Communications(20th April to 23rd April 2020)</p>

Publications&Books	Faculty published and presented 383 research Papers in SCI,Scopus,UGC and reputed International/National Journals/Coferences and 5 books published by faculty
Patents	1.Remote Adjustable TV Mount (Application Number:329273-001,Application Date:12/05/2020) 2.Super Multi Wireless Charger (Application Number:329276-001, Application Date:12/05/2020) 3.Optimized Projector(Application Number:329274-001,Published, Application Date:12/05/2020) 4.Optimized electric motor(Application Number:329275-001, Application Date:12/05/2020) 5.Design, Development on Solar Adsorption Desalination Cooling System(Application Number:201941025201,Published Date:07/05/2019) 6.Garbage Waste Monitoring and Collection System with Reduced Human Intervention(Application Number:201941026559,Published Date:07/12/2019)
International Conferences	5th International Conference on Signal Processing Communications and System Design(ICSPCOMSD-2019), 5th International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2019),5th International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2019),5th International Conference on Emerging Strategies for Business Advancements (ICESBA-2019) organized under Research and Development Cell on 6th and 7th December 2019.
AICTE-Short Term Training Programmes	AICTE Sponsored ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT(27th April to 2nd May 2020),AICTE Sponsored ONE WEEK STTP PROGRAMME ON RECENT TRENDS IN WIRELESS SENSOR NETWORKS AND APPLICATIONS (4th May to 9th May 2020)
Applied for AICTE MODROBS	Two AICTE MODROBS are sanctioned
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Body	06-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	30-Sep-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>MRECW MIS WEBSITE DESCRIPTION Web Address: https://mrecwexamcell.com/BEESERP/Login.aspx MRECW MIS provides suite of application for complete management of the college. It is the first Women Campus in Telangana State which is using MIS. The MIS suite consists of a bundle of extensive and powerful features, which helps each area of the educational system from student / parent level to the management level. It consists of a series of modules which integrates each and every activity of the campus to a single data server. We at MRECW implements OutcomeBased Education which means clearly focusing and organizing everything in a systematic way which is essential for all students to be successfully at the end of their learning experiences. LIST OF MODULES:</p> <p>1. Administration 2. Academics 3. Exam Cell 4. Placement 5. Library 6. Payroll 7. SMS 8. ID cards 9. Utilities 10. Security</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	A02	Electrical and Electronics Engineering	10/01/2020
BTech	A04	Electronics & Communications Engineering	10/01/2020

BTech	A05	Computer Science and Engineering	10/01/2020
BTech	A12	Information Technology	10/01/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	CSE,EEE,ECE IT	03/06/2019	French Language	03/06/2019
BTech	CSE,EEE,ECE IT	03/06/2019	Human Values and Professional Ethics	03/06/2019
BTech	CSE,EEE,ECE IT	03/06/2019	Technical Communication Soft skills	03/06/2019
BTech	CSE,EEE,ECE IT	03/06/2019	Indian Traditional Knowledge	03/06/2019
BTech	CSE,EEE,ECE IT	03/06/2019	Environmental science	03/06/2019
BTech	CSE,EEE,ECE, IT	03/06/2019	Managerial Economics Financial Analysis	03/06/2019
BTech	CSE,EEE,ECE IT	03/06/2019	Management Science	03/06/2019
BTech	CSE,EEE,ECE, IT	03/06/2019	Indian Constitution	03/06/2019
BTech	Computer Science Engineering	03/06/2019	Computer Networks Lab	03/06/2019
BTech	Computer Science Engineering	03/06/2019	Technical and Soft Skills lab	03/06/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	ECE-Speech & Audio Processing	10/01/2020
BTech	ECE-Robotics Engineering	10/01/2020
BTech	ECE-Adhoc Sensor Networks	10/01/2020

BTech	ECE-Mobile Computing	10/01/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Electrical & Electronics Engineering	03/06/2019
BTech	Information Technology	03/06/2019
Mtech	Embedded Systems	03/06/2019
Mtech	computer Science Engineering	03/06/2019
MBA	MBA	03/06/2019
BTech	Electronics communication Engineering	03/06/2019
BTech	COMPUTER SCIENCE ENGINEERING	03/06/2019

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Cisco CCNA RS introduction to networks through Ciscos Networking Academy	23/03/2020	600
Java SE programmer profession(JCP)	01/06/2020	42
MTA Certification through Microsoft Innovative Centre	01/07/2019	540
Cisco Programming essentials in C through Ciscos Networking Academy	23/03/2020	720
CISCO Python Certification through Ciscos Networking Academy	23/03/2020	1800
Cisco CCNA routing and switching through Ciscos Networking Academy	17/07/2019	560
Coursera Certifications(including International)	11/05/2020	2500
IBM-Cognitive Certifications	23/03/2020	1900
Pearson Certification(LSWR Skills)	16/12/2019	550
Cisco Linux	23/03/2020	560

Certification through
Cisco Networking Academy

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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 Engineering	520
BTech	Eletronics and communication Engineering	494
BTech	Electrical & Electronics Enginnering	135
BTech	Information Technology	132
Mtech	Embedded Systems	19
Mtech	Computer science Engineering	12
MBA	MBA	60

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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 refine PEO's. It gives an insight into the various modern technologies that a graduate needs to be aware of so as to fare well in the industry. The department/institute analyzes these feedbacks and updates the programs accordingly. Parents feedback: The feedback from parents is taken as inputs and are treated as sources for fine tuning our academic processes. This feedback helps in knowing the satisfaction level of parents with reference to the curriculum offered, laboratory equipment provided and modern scientific tools available, student transport/ hostel facilities, safety and security measures taken up by the institution, medical facilities, infrastructural facilities, campus placement. Employers feedback: The feedback from the employers on the alumni performance and the necessity of revising the curriculum to suit the present industrial needs is obtained through the Training and Placement Cell. The feedback collected from the stakeholders are used in the following places • To check whether the Vision and Mission of the departments as well as the institution are being met. • To take inputs while Forming and updating program curriculums. • Improving quality of the various programs offered by the institute. • To check Attainment levels of the PEOs (Program Educational objectives) . • To know if the infrastructural facilities and other facilities provided by the institution like library , Wifi , transport, hostel etc are good. • Analyzing the impact of the teaching learning methodologies used in the institution. • To analyze the performance of faculty.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	Master of Business Administration	60	250	60
BTech	Information Technology	180	1000	180
BTech	Electrical and Electronics Engineering	60	200	60
BTech	Electronics and Communication Engineering	240	600	240
BTech	Computer Science and Engineering	240	1500	240
Mtech	Computer Science and Engineering	24	65	10
Mtech	Embedded Systems	24	74	19

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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
2019	2609	178	196	20	216

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
216	216	85	60	60	20

[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 knowhow 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 totally 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
2787	216	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
216	216	Nil	21	36

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	Designation	Name of the award,
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	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2020	Dr.Y.Madhav Latha	Principal	Governing Body Member, MRCET
2020	Dr.C.V.P.R.Prasad	Professor	BOS Member, MRCET
2019	Dr S P Anandaraj	Professor	Best Faculty Award
2019	Dr D B K Kamesh	Professor	Best Paper Titled
2020	Dr D B K Kamesh	Professor	BOS Member, KL University
2019	Dr D B K Kamesh	Professor	BOS Member, Gudlavalluru Engineering College
2019	Dr Suvarchala Devi	Professor	BEST Paper Award
2019	Dr.C.V.P.R.Prasad	Professor	Academic Leadership Award
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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
Mtech	D	II/I	25/11/2020	30/12/2020
Mtech	D	I/I	11/01/2020	03/02/2020
BTech	A	II/IV	09/02/2020	11/02/2020
BTech	A	I/IV	14/12/2019	08/02/2020
BTech	A	II/III	09/02/2020	14/11/2020
BTech	A	II/I	24/11/2020	30/12/2020
BTech	A	I/I	18/12/2019	03/02/2020
BTech	A	I/II	30/11/2019	03/02/2020
BTech	A	II/II	16/11/2020	30/12/2020
BTech	A	I/III	14/12/2019	16/02/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	2787	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
E00	MBA	Master of Business Administration	59	51	86.44
D55	Mtech	Embedded Systems	19	18	94.74
D58	Mtech	Computer Science and Engineering	11	11	100
A12	BTech	Information Technology	55	54	98.18
A02	BTech	Electrical and Electronics Engineering	71	64	90.14
A04	BTech	Electronics and Communication Engineering	247	234	94.74
A05	BTech	Computer Science and Engineering	236	216	91.53

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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/SSIOAC/19-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Ms.K.sumalatha

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.S.Sathish	Best Educator	07/06/2020	International Association of Research Development Organization under the banner of India Educational Charitable Trust I association with Vedant College of Engineering Technology, Kota, Rajasthan
International	Dr Suvarchala Devi	BEST Research Paper Award	07/12/2019	BEST Paper Award in 5th International Conference on Emerging Strategies For Business Advancements (ICESBA-2019)
International	Dr.C.V.P.R.Prasad	Academic Leadership Award	31/05/2019	International Institute of Organized Research I2OR Awards 2019
International	Dr.N.Srikanth	Best Teacher of The Year	05/05/2019	International Association of Research Development Organization under the banner of India Educational Charitable Trust I association with Vedant College of Engineering Technology, Kota, Rajasthan
International	Dr S P Anandaraj	Best Faculty Award	18/05/2019	Global Education and Corporate Leadership

				Award,MIET, Meerut, UP, India
International	Dr BALA KRISHNA KAMESH DUVVUR	Best Paper Titled	15/06/2019	Rula International Awards,tirichy Tamilnadu
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3.2 – Resource Mobilization for Research

3.2.1 – 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
Students Research Projects (Other than compulsory by the University)	120	Malla Reddy Educational Society	110000	110000
Any Other (Specify)	365	AICTE STTP	331667	331667
Any Other (Specify)	365	AICTE STTP	396667	396667
Any Other (Specify)	365	AICTE STTP	370000	370000
Major Projects	730	AICTE MODROBS	831000	831000
Major Projects	730	AICTE MODROBS	1219718	1219718
Students Research Projects (Other than compulsory by the University)	120	Malla Reddy Educational Society	110000	110000
Students Research Projects (Other than compulsory by the University)	120	Malla Reddy Educational Society	110000	110000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

5

3.3 – Innovation Ecosystem

3.3.1 – 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
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Smart India Hackathon-2020 Campus Edition	EDC CELL	17/01/2020
Hackathon on App Development for I Year Students	EDC CELL	21/01/2020
Workshop on Virtualization VMware Tools	CSE	20/01/2020
Workshop on Android	CSE	09/09/2019
Workshop on Robotics	ECE	13/09/2019
Workshop on Python	CSE	09/10/2019
Workshop on Java Programming	CSE	14/09/2019
Workshop on Robotics for III Year BTech Students	ECE	24/10/2019
Workshop on PYTHON for II Year CSEIT Students	CSE	16/09/2019
workshop on MATLAB	ECE	08/11/2019
Robotics Workshop From Smart Bridge on Robotics Operating system for III Year CSE IT under Robotics IOT Club	ECE	04/01/2020
Robotics Workshop for III CSE IT under Robotics IOT Club	ECE	16/01/2020
Conducting online training sessions for II and III year Students under Robotics IOT Club	ECE	28/03/2020
Entrepreneurship Awareness Camp-2019	EDC CELL	03/10/2019
Two Day National Level Students Hackathon on Rural Development with Make in INDIA in Association with JHUB JNTUH	EDC CELL	21/01/2020
Software Hackathon using Python for ECEEEE Students	EDC CELL	06/01/2020
Two day Microsoft Software Hackathon for III Year ECE EEE Students	EDC CELL	17/01/2020
Hardware Hackathon using Nano Arduino under Robotics IOT Club	EDC CELL	05/01/2020

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3.3.2 – 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
Four Star rating From Institution Innovation Council(IIC), MHRD, Govt.of India to promote Innovation and Startup	Malla Reddy Engineering College for Women	MHRD, Govt.of India	31/08/2019	Innovation and Startup
AAA Rated by Careers 360 Magazine	Malla Reddy Engineering College for Women	Career 360 Engineering College Survey	31/07/2020	Career 360 Engineering College Survey
Ranked 3rd among the Outstanding Engineering Colleges of Excellence - CSR.	Malla Reddy Engineering College for Women	Global Human Resource Development Centre	30/05/2020	Outstanding Engineering Colleges of Excellence
Platinum Rated by AICTE-CII Survey of Industry Linked Technical Institutes	Malla Reddy Engineering College for Women	Platinum Rated by AICTE-CII Survey of	26/04/2019	Industry Linked Technical Institutes
India Ranking 2020	Malla Reddy Engineering College for Women	Ministry of Human Resource Development, Government of India, All India Council for Technical Education	11/06/2020	India Rankings 2020: Engineering
Band A((Rank Between 6th - 25th), Atal Ranking of Institutions on Innovation Achievements (ARIIA)	Malla Reddy Engineering College for Women	MHRD Innovation Cell (MIC), Ministry of Education Government of India, All India Council for Technical Education	18/08/2020	Private or Self-Financed Colleges/Institutes
AAAA plus Rated in Top Engineering Colleges Survey-2019 by Digital Learning Magazine	Malla Reddy Engineering College for Women	Digital Learning Magazine	31/07/2020	Top Engineering Colleges Survey-2019

National Ranking in Top 100 Rank Band by Times News Magazine.	Malla Reddy Engineering College for Women	Times News Magazine.	31/08/2019	National Ranking in Top 100 Rank Band by Times News Magazine.
Best College of the year-2019 " by Education Matters	Malla Reddy Engineering College for Women	Education Matters	30/04/2019	Best College of the year-2019
View File				

3.3.3 – 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
MRECW TBI	MRECW TBI	Malla Reddy Educational Society	Nill	Technology Business	01/01/2019
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science Engineering	2
Physics	2
Electronics and Communication Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	55	2
International	Electronics Communications Engineering	21	1
International	Master of Business Administration	47	5
View File			

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

Department	Number of Publication
Electronics and Communication Engineering	56
Computer Science and Engineering	58
Electrical and Electronics Engineering	22

Information Technology	12
Master of Business administration	58
Humanities and Sciences	10
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Remote Adjustable TV Mount	Published	329273-001	10/06/2020
Super Multi Wireless Charger	Published	329276-001	10/06/2020
Optimized Projector	Published	329274-001	10/06/2020
Optimized electric motor	Published	329275-001	10/06/2020
Design, Development on Solar Adsorption Desalination Cooling System	Published	201941025201	07/05/2019
Garbage Waste Monitoring and Collection System with Reduced Human Intervention	Published	201941026559	07/12/2019
View File			

3.4.5 – 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
Document summarization for Telugu news Articles	Dr. Y. Madhavee Latha	Journal of Emerging Technologies and Innovative Research	Nil	1	MRECW	5
View File						

3.4.6 – 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
Document summarization for Telugu news	Dr. Y. Madhavee Latha	Journal of Emerging Technologies and	2019	14	5	Principal, Malla Reddy Engineering College

Articles	Innovative Research	for Women, Dhulapally, Hyderabad
View File		

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	56	256	245
Presented papers	236	19	12	11
Resource persons	5	15	20	25
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
CSE	AI Based Zoom Independent Detection of fire and Smoke based on live video Processing using Choatic Metrics	Pantech	658000
ECE	Irrigation system with soil sensor in agriculture over IoT	Allinnov Research and Development Private Limited	200000
CSE	AI system support Manufacturing of Product	Allinnov Research and Development Private Limited	300000
IT	Prediction of sales in departmental store using Machine Learning	Brainovision Pvt Ltd	150000
EEE	Implementation of Solar PV- Battery and Diesel Generator Based Electric Vehicle Charging Station	PRECISEIN TECHNOLOGIES	200000
ECE	4DOF robotic arm for industrial material handling	PRECISEIN TECHNOLOGIES	200000
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the	Title of the	Agency seeking /	Revenue generated	Number of trainees
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Consultan(s) department	programme	training	(amount in rupees)	
MRECW	Android	BRAINOVISION SOLUTIONS (INDIA) PVT.LTD	25000	20
MRECW	Python Programing	PANTECH PRO ED	30000	100
MRECW	Machine Learning	Datahill Solutions	100000	100
MRECW	Robotics	COIGN EDU IT SERVICES PVT LTD	30000	20
View File				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	NSS	26	35
Computer Education Programme for Gundlapochampally Government School Children	NSS	45	950
MRECW NSS UNIT I II PRESENTS Anti Plastic Awareness Programme at Gundlapochampally Village	NSS	38	1200
Awareness program on Corona Virus by DrChPreethi ReddyDirector Malla Reddy Medical sciences	NSS	160	1965
Go Green - Haritha Haram - Plantation Programme	NSS	156	2100
Dental Camp under MRECW NSS Unit	NSS	35	750
View File			

3.6.2 – 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
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MRECW NSS UNIT I II PRESENTS Anti Plastic Awareness Programme at Gundlapochampally Village	Appreciation from Gundlapocham pally grama Panchayat	Gundlapocham pally grama Panchayat	65
Computer Education Programme for Gundlapochampally Government School Children	Appreciated Head master, Govt school	Gundlapocham pally Govt. School	45
Awareness Program on importance of Education at Gundlapochampally Village	Appreciated Head master, Govt school	Gundlapocham pally Govt. School	32
Helping Hand for orphan People	Appreciated Head, Home for orphan	home for orphan students cherlapally	25
awareness programme on how to use sanitizer and maintain social distance in maisamma guda	Appreciated from MPTC, Maisammaguda	Gundlapocham pally grama Panchayat	35
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
awareness on gender Equality	MRECW	awareness on genderequality in gundlapocham pally	15	450
SWach Bharat	MRECW	cleaning awareness in maisammaguda	12	600
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
International Conferences	All faculty	MRCEW	2
Research	Mr.G. Bhanu Prasad, Dr.C.V.P.R.Prasad	Malla Reddy Institute of Medical Sciences	730
Research		Malla Reddy	730

	Ms.K.Swethasastry, Dr.V.VijayaRaja	Institute of Medical Sciences	
Research	Ms.K.Sumalath,Dr. N.Sreekanth	Antenna Fidelity Solutions Pvt.Ltd	730
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry Institute Collaboration	Internship	Cisco	30/01/2020	26/06/2020	4
Industry Institute Collaboration	Internship	CDK Global	20/05/2019	20/08/2019	4
Industry Institute Collaboration	Internship	Accenture	20/01/2020	10/04/2020	4
Industry Institute Collaboration	Internship	TA DIGITAL	01/01/2020	01/07/2020	3
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Cisco Networkin Academy	16/08/2019	Certification Courses	2100
MSME,New Delhi	21/01/2020	Recognition of the Institute as Host Institute (HI) / to setup/establish Business Incubator(BI) for implementation of the scheme namely Support for Entrepreneurial and Managerial Development of MSMEs through Incubator	146
India Matters Foundation	04/11/2019	Host Seminars,Conferences and Workshops by	100

		Facilities of International Universities and Conduct Seminars/Conselling Seesions for Students	
Aspiringminds	08/07/2019	Pre Employment Skills assesment Program	600
Global Tree Careers Pvt.Ltd	04/04/2019	Global Edcational Fairs,Career Counselling,Provide scholarships for Higer Education	60
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
55000000	51490107

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	24319	7994694	1390	762435	25709	8757129
Reference Books	3533	810337	310	61570	3843	871907
e-Books	11000	Nill	4336	Nill	15336	Nill
Journals	1146	236070	108	22248	1254	258318
e-Journals	17907	Nill	11495	654600	29402	654600
Digital Database	3	668170	Nill	Nill	3	668170
CD & Video	2299	Nill	50	Nill	2349	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mr.M.Srinivasular eddy	Data Base Management Systems	Youtube	02/05/2020
Dr D.B.K.Kamesh	OOPS through Python	Youtube	25/05/2020
Mr.M.Srinivasular eddy	Data Analytics	Tutorials Point	30/05/2020
Mr.M.Srinivasular eddy	Data Base Management Systems	Youtube	25/05/2020
All Faculty	Academic Course Content Developed- (Learning Management Software)	Bees Sottware	27/07/2019
Dr.RajaLakshmi	DataStructures-(Learning Management Software)	Code Tantra Tool	10/01/2020
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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	1294	30	100	1	2	6	6	100	2
Added	180	3	0	0	0	0	0	0	0

Total	1474	33	100	1	2	6	6	100	2
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4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Auditoriums, Seminar halls, Computer Labs with Internet Connection, Smart Class Rooms, Two Advanced English Communication Skills Laboratories, Multimedia Labs, HOD Conference Rooms	http://www.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 incurred on maintenance of physical facilities
14857000	14837345	3497000	34964873

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)

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. ? Laboratories, library and computers are upgraded as per the guidelines of syllabus approved by the BOS members. ? 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. 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 to keep things ready for the new semester is done by concerned coordinators of the department. ? 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: ? Cricket ground ? Throw ball court ? Volleyball court ? Basketball court ? Tennis court etc. The institute has a well-equipped gym facility. The infrastructure facilities meet the requirements of students with physical disabilities ? Provide the rest room for physically disabled students ? Preferential service is provided to physically disabled students ? Wheel chairs are provided to physically disabled students ? Wooden slants are fixed in front of toilets for physically disabled students ? Sitting chairs are provided for physically disabled students in all corridors. Overall development of campus is done by campus discipline and cleanliness committee of the college. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns are done by college peon. To upkeep all facilities and cleanliness of environment in hostel, through hostel monitoring committee. College campus maintenance is monitored through regular inspection.

<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, Scholarship	5	35000
Financial Support from Other Sources			
a) National	central govt , Post metricscholarship(SC), state govt meritscholarship, aicte scholarship	1418	57335000
b) International	0	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Verbal Training for II year students by Time Institute h	17/07/2019	600	Time Institute
Campus Recruitment Training for III year students by Time Institute	08/07/2019	623	Time Institute
Soft Skills Training for III year students by Path Creations	01/07/2019	615	Path creators
Soft Skills Training for II	24/07/2019	558	Path creators

year students by Path Creations			
Campus Recruitment Training for IV year students by Time Institute	01/07/2019	610	Time Institute
Pre Placement Training for IV year students by Talent Show	08/07/2019	602	Time Institute
Pearson Certification LSWR skills	16/12/2019	550	Pearson,

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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 passed in the comp. exam	Number of students placed
2019	Student Orientation on Study Abroad Opportunities by GLOBAL EDUCATION AND CARRERS FORUM Indian Matters and Education Matters at Osmania Univeristy for IV year students	559	559	19	19
2019	Awareness Program for Higher Education on FRANCE by Mrs Vasudara Murali Krishna Manager Campus France for III Year Students	456	367	19	19
2019	Awareness program on	156	156	5	5

	CAT (Admission in graduate management Program) for IV year Students by MrAsim Akthar TIME Institute				
2019	Awareness program on GRE for IV year students by TIME Institute	559	559	19	19
2019	Study Abroad University Fair 2019 by Jamboree and MRECW for III and IV Year Students	556	556	19	19
2020	Awareness Program for Higher Education by Mr Vineet Gupta Founder and Trustee of ASHOKA University Founder of PLAKASHA University for I II and III Year students	559	559	23	23
2020	Awareness Programme on Placements by Mr Phani and Mr Nareen Senior H R Managers CDK Global	563	563	548	548
2020	GLOBAL EDUCATION & ADMISSIONS FAIR by GLOBAL	563	563	23	23

	EDUCATION AND CARRERS FORUM at Jawaharlal Nehru Technological Univeristy				
2020	Awareness program for Master Business Analytics by DrRouzbeh Razavi Kent State University Ohio USA	124	124	5	5
2020	Campus Recruitment Training for IV year students	600	600	548	548
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
15	602	542	3	15	6
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.Tech	Computer science Engineering	George Mason University	MS
2020	1	B.Tech	Electronics & Commun	Oklahoma Christian University	MS
2020	2	B.Tech	Computer science Engineering	University of new haven	MS

2020	1	B.Tech	Computer Science Engineering	Long Island university	MS
2020	1	B.Tech	Electrical & Electronics Engineering	University of new haven	MS
2020	1	B.Tech	Computer Science Engineering	University of Central Missouri	MS
2020	1	B.Tech	Computer Science Engineering	Indianatech university	MS
2020	1	B.Tech	Electrical & Electronics Engineering	Indianatech university	MS
2020	1	B.Tech	ECE	University at buffalo	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
SLET	23
GRE	21
TOFEL	19
GATE	19
Any Other	5
View File	

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

Activity	Level	Number of Participants
SPORTECHTROPHY-2020 -Intra College Sports Meet	Intracollege	900
Intra College Sports Meet	intra college	1200
State Level Sports Meet TECHTROPHY-2020	state	2553
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold	National	1	Nil	18RH1A04	Badri

					15, 18RH1A0430	Sahithi, Bommaraju Shri Manasi
2019	Silver	National	1	Nill	18RH1A0425	BobbaSuc haritha
2019	Gold	National	2	Nill	18RH1A04A5	Koppula Nandini
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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

5.4.2 – No. of registered Alumni:

2600

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

50000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association Execution Committee meeting is conducted twice every a year. Alumni Meet is conducted every year in first week of January. alumni meet was conducted on 4th January,2020. organized corporate alumni 2 campus connect -they shared experiences and guidance to to juniors for campus placements higher education on 8th April,2020

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

College follows decentralization and participative Management in academic and operational policies. The institution's Governing Body, IQAC and Academic Committee are the key policy framing and decision making bodies, constituted by the Principal, HODs and faculty at different levels indicating good decentralization. Institutional Committees like Finance, Budget and Procurement Committee, Disciplinary Committee, Grievance Redressal Committee, SC/ST Committee, Women Protection Cell Committee, Anti Ragging Committee operate directly at the institutional level with departmental support. Other

Institutional Committees like Examination Coordination Committee, Time Table Committee, Attendance Committee, Library Committee, Infrastructure Maintenance Committee, TP Cell Committee, IIPC Committee, Global Education and Career Guidance Cell Committee, RD Committee, Student Counselling and Mentoring Cell Committee function in close coordination with relevant departmental committees.

Furthermore, the various Departmental Committees support in the efficient policy implementation at departmental levels for smooth operation of all Institutional activities. Case Study-1 : Decentralization and Participative Management in organizing Four 5th International Conferences conducted by ECE,EEE,MBA,CSEIT on 67 Dec, 2019. After initiation approval of IQAC, the Academic Committee, executed the conduction of the conferences with high rate decentralization through several committees like, • Conference 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 NationalInternational 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 registration process of 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 to invite eminent relevant persons for the conference. • Inaugural and valedictory arrangements Committee. • Hospitality and catering Committee. • Conferences venues and infrastructure arrangements Committee. • Conference papers publication Committee, to associate with SCI, Scopus Indexed UGC Research journals for publishing selected papers. • Conference Report, Media and Photographs Committee. • Conference files submission Committee. Through efficient delegation of responsibilities, the Conference was a grand success. Case study-2 : Establishment of Meditation space with medicinal plants and effective utilisation. After initiation approval for establishment of Meditation space by IQAC, the Academic committee executed the plan through different committees constituted by faculty of different departments. The Committees include • Meditation Resource Finance Committee • Medicinal plants identification and procurement committee. • Meditation space design and plants maintenance committee. • Meditation expert’s invitation committee to conduct special meditation sessions • Meditation classes time table committee to include meditation classes in time table along with allocation of meditation session coordinator for each class. The facility being maintained with good decentralisation is operating successfully in maintenanceeffective utilisation, proving the benefit of participative management.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? Library: ? Digital(50 computers), Duplex,Central Library with space more than AICTE norms ? 25709 Book volumes, 168 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 Newgenlib Software ? 4 Auditoriums-1500, 600, 300 and 150 capacity. ? All e-classrooms. ? 1294 computers Laptops for faculty with wi-fi. ? State of the art laboratories, RD lab TBI. ? IndoorOutdoor Sports facilities Gymnasium. ? Power Backup with UPS facilities. ? Filtration Plant and Cold/Hot Drinking Water Dispensers.

Curriculum Development

? Curriculum designed with international standards based on industry demands. ? Syllabus in all streams of courses is reviewed revised at least once in every two years, based on the industry requirements, on interaction with industry, academia experts alumni. ? Effective and well-structured mechanism like BOS and Academic council meetings, the bodies constituted by University, Academic Industry experts supporting in designing and approval of new lab subjects, internships, mini projects, major projects, seminars, Innovation, Startups and Entrepreneurship in curriculum to meet latest industry requirements. ? New professional electives with trending technologies, mandatory courses to inculcate Human Values Professional Ethics and foreign languages like French, introduced to improve employability of students.

Teaching and Learning

? Course Files, Digital Notes and Lab Manuals ? Assignments Tutorial Sessions ? e-classrooms ? Application Oriented Teaching Project based training. ? Expert Lectures ? Seminars and conferences. ? Technical Clubs - Workshops in advanced technologies ? Training Code Contests-Code Tantra ? Professional English Communication training ? Value Added Certification Training Programmes: o CISCO Certification o Microsoft Technology Training Certification o Oracle Certification o Robotics Training Certification o Oxford Achiever's Certification o Business English Certification o Pearson Certification o Coursera Certifications ? MOOCs-NPTEL Certifications. ? Soft Skills, Technological Skills CRT. ? Online assessment tests for employability enhancement.

<p>Examination and Evaluation</p>	<p>? Examination Cell has well framed policy for valuation, paper setting, proper conduction of exams, Malpractices and results. ? BEES BETPLUS software ICR/OMR technologies are used for examination conduction, digital evaluation and result processing. ? Student evaluation system is in Grade points. ? Question papers setting following Bloom's Taxonomy levels, mapping with CosPOs for each course as part of Outcome Based Education (OBE). ? UG PG programs-two mid-exams of 30 marks each, Average of the 2 are final. End semester examination: 70 marks. ? B.Tech: miniproject, project-1, project-2, 100 marks each. ? MBA: Internship-100Project-200marks. M.Tech: Technical Seminars:300, Comprehensive Viva-Voce:100Project 300 marks.</p>
<p>Research and Development</p>	<p>? Promotes Research culture through research groups consisting of one senior professor, one Associate Professor, 3 Assistant Professors aligned 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 365 SCI, Scopus Indexed and UGC Journal publications were made by faculty. ? The research teams filed 4 patents for their technological inventions. ? Four 5th International conferences in ECE, EEE, MBA, CSEIT conducted on Dec 6th 7th,2019. ? FDPs on Research Methodologies- organised regularly.</p>
<p>Human Resource Management</p>	<p>? Highly qualified experienced faculty(as per AICTE norms), Non-teaching Technical staff are appointed through an effective recruitment process. The process includes NewsPaper Advertisements, Screening Shortlisting 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</p>

	<p>Personality Development Programmes regularly. ? Excellent academic environment with good Faculty-student bonding.</p>
<p>Industry Interaction / Collaboration</p>	<p>- Consultancy Projects undertaken by teams of faculty and students in association with reputed organizations. - MOUs have been established for Technology exchange, Internships Consultancy Projects. - Student internships in government reputed private organizations. - Good number of Industry visits have been organised for industry exposure. - Guest lectures by Industry experts in trending technologies were conducted. - Placements Collaboration with Accenture, CapGemini, IBM, CDK Global, Apps Associates, Sutherland Global, Amazon, DXC Technologies, Hexaware. - Value-Added-Certification-Courses offered by Cisco, Microsoft, Oracle. - TBI operating with technical support from industries.</p>
<p>Admission of Students</p>	<p>? Category-A, consists of 70 of the seats- filled-in through rank secured by the students in entrance tests- EAMCET, GATE-PGCET and ICET for B.Tech, M.Tech MBA respectively, conducted by Telangana State Council for Higher Education. ? Category-B- 30 seats, filled-in by the management. The scheduled dates are publicized through newspapers, College website and college noticeboards. Applications are invited from interested students, online, through the College Website. Seats are allotted based on the Students' JEE Mains Rank and EAMCET Rank with minimum of 90 marks in Intermediate for B.Tech, GATE-PGCET Rank for M.Tech ICET Rank for MBA.</p>

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

E-governance area	Details
<p>Planning and Development</p>	<p>? The colleges vision and mission statement, department's vision and mission statement, CO's, PO's and PEO's are clearly uploaded on the institutional website. Further development plans and strategies are also to be displayed on the website as and when applicable. ? E governance in various planning and development levels of the Institution is in place through the scheduling , conduct and maintenance of minutes of meetings and</p>

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 ERP 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.

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 ENTERPRISE RESOURCE PLANNING (ERP) software is used for online admission process via link provided to college website <http://www.mallareddyecw.com/index.html>. ? The software is also used for student support like issuing Transfer Certificate, Bonafide certificates. Admission Forms, Issue of ID-Cards , Library cards and Challan through the BEES software. ? Classrooms are equipped with smart TVs, and 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 ERP software, provides login credentials to the students that facilitates to know their respective internals, external exam results and cumulative attendance reports respectively.

Examination

The Institution uses BEES EXAMINATION TOOL (BETPLUS) Software, on-screen marking software digitize pen and paper

answer contents and imprint them on-screen to improve the quality and speed of checking. BEES-BET Plus software provides following facilities to the for institution internal and external examinations. ? Student Profile Entry ? Student Exam Fee Collection Through Online ? Curriculum and Course Structure Allotment ? Student Exams Registration Hall Tickets Printing ? OMR Generation Printing of Answer Booklets ? Conduction of Internal And External Examinations ? Invigilation Duties Allotment For Both Internal External Examinations ? Seating Plan Allotment for Both Internal External Examinations ? Printing of Award Lists and Attendance Sheets for Lab External Examinations ? Day/Session Wise D-Forms Generation ? Bundle Numbers Dynamic Keys Generation for Digital Valuation ? Scanning of Answer Scripts ? Setting of Answer Scripts Path for Digital Valuation ? Creation of Evaluators Login Details ? Course Allotment and Bundle Allotment For Scrutiny ? Course Allotment for Admin ? Result Processing and Raw Checklist ? T-Sheets Printing For Verification of Internal and External Marks ? Results Final Report ? Declaration of Results ? Send SMS to the Student Parents Mobile Numbers ? Result Analysis ?

REGISTRATION FOR Revaluation Re-correction. ? Printing of Grade Sheet ? Printing of PC and CMM With QR Code and High Security Features Refer :<https://m.recwexamcell.com/BEESERP/Login.aspx>

Finance and Accounts

? The BEES ENTERPRISE RESOURCE PLANNING (ERP) software provides support to various finance and accounts related functionalities like student tuition fee payment and payment status etc. ? The eligible students are applying for scholarship to the Telangana e-pass portal for the fee reimbursement and the college is also registered for this. ? State government after verification will pay the fee online (through reimbursement) of all eligible students admitted into the college. ? Staff salary statements are prepared by using Tally software. The Final Salary amount released by the management via Cheque, which is deposited along with staff salary statement in bank and the salary is credited into individual staff accounts.

Administration	<p>? MRECW administrative functions are digitized using ERP 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, service book, 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 BEESERP software.</p>
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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
2019	Ms .A.Radha Rani	Awareness workshop on NIRF Indian Ranking-2020 for higher education Institutions on 18th 19th oct, 2019	MRECW	5000
2019	Ms .S.Swathi	Awareness workshop on NIRF Indian Ranking-2020 for higher education Institutions on 18th 19th oct, 2019	MRECW	5000
2019	B Amarnath Reddy	One Week Crash Course on Innovation and Entrepreneurship	MRECW	500

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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2020	ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT	ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT	27/04/2020	02/05/2020	134	19
2020	ONE WEEK STTP PROGRAMME ON RECENT TRENDS IN WIRELESS SENSOR NETWORKS AND APPLICATIONS	ONE WEEK STTP PROGRAMME ON RECENT TRENDS IN WIRELESS SENSOR NETWORKS AND APPLICATIONS	04/05/2020	09/05/2020	145	15
2019	5th International Conference on Signal Processing Communications and System Design (IC SPCOMSD-2019)	5th International Conference on Signal Processing Communications and System Design (IC SPCOMSD-2019)	06/12/2019	07/12/2019	55	8
2019	5th International Conference on Technical Advancements in Computer Science and Engineering (IC TACSE-2019) on 6th 7th December 2019	5th International Conference on Technical Advancements in Computer Science and Engineering (IC TACSE-2019) on 6th 7th December 2019	06/12/2019	07/12/2019	63	9
2019	5th International	5th International	06/12/2019	07/12/2019	17	3

	Conference on Emerging Trends In Electrical Systems Engineering (ICETESE-2019)	Conference on Emerging Trends In Electrical Systems Engineering (ICETESE-2019)				
2019	5th INTERNATIONAL CONFERENCE ON EMERGING STRATEGIES FOR BUSINESS ADVANCEMENTS (ICESBA - 2019)	5 th INTERNATIONAL CONFERENCE ON EMERGING STRATEGIES FOR BUSINESS ADVANCEMENTS (ICESBA - 2019)	06/12/2019	07/12/2019	18	3
2020	Faculty Development Program on English Language Communication Skills for Effective Teaching Organized by Centre for Development of Communication Skills MRECW	Faculty Development Program on English Language Communication Skills for Effective Teaching Organized by Centre for Development of Communication Skills MRECW	22/05/2020	23/05/2020	145	37
2019	Workshop on "Effective Teaching Methods", organized by Malla Reddy Engineering College for women, Autonomous	Nil	01/07/2019	03/07/2019	167	Nil
2019	one week Refresher course on "PROBLEM SOLVING THROUGH PROGRAMMING	one week Refresher course on "PROBLEM SOLVING THROUGH PROGRAMMING	24/06/2019	29/06/2019	145	15

	LANGUAGES" , Organized by Malla Reddy Engi neering College For Women during 24th to 29th June, 2019.	LANGUAGES" , Organized by Malla Reddy Engi neering College For Women during 24th to 29th June, 2019.				
2019	Three- Days FDP on Industrial IoT Intell igent Conn ectivity using RASPERRY PI" , Organized by MallaReddy Engineerin g College for Women.	Nil	25/06/2020	27/06/2020	145	12

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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
AICTE Sponsored ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT zed by dept. of CSE of NITTR, Chandigarh, .	132	27/04/2020	02/05/2020	6
AICTE Sponsored ONE WEEK STTP PROGRAMME ON RECENT TRENDS IN WIRELESS SENSOR NETWORKS AND	125	04/05/2020	09/05/2020	6

APPLICATIONS				
5th International Conference on Signal Processing and System Design (ICSPCOMSD-2019)	67	06/12/2019	07/12/2019	2
5th International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2019) on 6th 7th December 2019	42	06/12/2019	07/12/2019	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
216	216	45	45

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre with appointed doctor	Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre with appointed doctor	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
Path Creators	119000	ORACLE Java Certification
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6.4.3 – Total corpus fund generated

25000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	MOCK NBA, MOCK NAAC
Administrative	Yes	MSR Associates	Yes	Malla Reddy Education 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 parent teacher meet for II year B.Tech students on 7th september,2019, Parent Teacher meet for I III year B.Tech Students on 26th October 2019 in first Semester , Parent Teacher Meet for II B.Tech students on 8th february,2020, Parent Teacher Meet for III and IV Year B.Tech students on 22nd February 2020 In II Semester. • Academic performance is analyzed and suggested to take thenecessary steps to improve the performance of the students. • Discussion on discipline andethical 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)

The institution established MRECW Technology Business Incubation (TBI) Centre to encourage the student community to develop new innovation in the technology in various specializations. The TBI was sanctioned amount of Rs. 469720/- by the Institution for procurement of additional equipments required for TBI expansion. Incubators are established in association with JHUB-JNTUH, MSME, New Delhi and Innovation Cell to initiate and promote the Innovations and startups. To promote innovations and startups the following Hackathons are initiated: • Two Day National Level Students Hackathon on Rural Development with Make in India in association with JHUB,JNTUH. • SMART INDIA HACKATHON-2020 is initiated in association with MHRD Innovation Cell, Govt.of India, AICTE. MOU with MSME, MHRD, Govt. of India as Host Institution for Business Incubation. As a Host Institution for Business Incubation, the institution has applied 5 innovative startup projects in the following areas which are under the approval process by MSME, New Delhi. 1. Waste Management 2. Media Entertainment 3. Health Care Life Sciences 4. Agriculture 5. Safety 6. Internet of Things Our Career Guidance and Counseling Cell has associated with Global Education and Career Forum (GECF) Collegiate Technical Education Department, Telangana State to promote Higher education. International Certification Courses are introduced in association with Coursera. Introduced New Certification Courses in association with IBM and TCS-ION. MRECW has established following technical clubs to empower the students in globally trending technologies to meet the industry demands effectively. • AI ML Club • Robotics IOT Club • Blockchain Technology Club • Amazon Web Services Club • Python Club • Java Club

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
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
2020	AICTE sponsored ONE WEEK STTP PROGRAMME ON OPTIMIZATION TECHNIQUES THROUGH MACHINE LEARNING FOR IOT	27/04/2020	27/04/2020	02/05/2020	290
2020	AICTE Sponsored ONE WEEK STTP PROGRAMME ON RECENT	04/05/2020	04/05/2020	09/05/2020	285

	TRENDS IN WIRELESS SENSOR NETWORKS AND APPLICATIONS				
2019	5th International Conference on Signal Processing Communications and System Design (ICSPCOMSD-2019)	06/12/2019	06/12/2019	07/12/2019	65

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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
Role play on Great women Leaders -Republic day Celebrations	24/01/2020	26/01/2020	32	Nil
short movie making on women empowerment	06/03/2020	07/03/2020	124	Nil
poster Presentation -women em Powerment	04/03/2020	04/03/2020	89	Nil
Oral Presentation on Gensder Sensitization by our english faculty	21/09/2019	25/09/2019	600	Nil

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

Percentage of power requirement of the University met by the renewable energy sources

Percentage of power requirement of the University met by the renewable energy sources : 30 ? MRECW strictly abides green protocol. All programs conducted in college is in accordance with green protocol and in accordance with a view to create environmental consciousness in students and staff. ? Our institution taking serious initiatives to reduce fluid wastes to avoid water scarcity inside the campus. The traded water is used for gardening and flushing purpose. Rainwater harvesting is another important initiatives taken by the management and student to save rain water. ? The Institute provides various means to

educate or aware the studentson Climate Change and Environmental science as one of the subject in the I year itself. ? Institute has dedicated environmental society which is basically an ECO club which is associated with NSS UNITof 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. ? InternationalYogaDayCelebrations@MRECW on 26THJUNE. 2019. ? The New plantation of trees on 7th September 2019 in GO GREEN Program under MRECW ECO Club which is associated with NSS UNIT. ? MRECW NSS UNIT I II PRESENTS "Anti Plastic AwarenessProgramme atGundlapochampallyVillageon 16thNovember, 2019. ? 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
Ramp/Rails	Yes	3
Rest Rooms	Yes	6
Special skill development for differently abled students	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	1	1	08/02/2020	1	Awareness Program on importance of Education at Gundlapochampally Village	1	2645
2020	1	1	07/03/2020	1	Awareness program on Corona	1	2520

					Virus by DrChPreet hi ReddyD irector Malla Reddy Medical sciences		
2019	1	1	16/11/2 019	1	MRECW PRESENTS Anti Plastic Awareness Programme at Gundla pochampal ly Village	1	1567
2020	1	1	09/01/2 020	1	Dental Camp under MRECW	1	1894

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
MRECW-Code of Conduct to Teacher	01/07/2019	<p>1. Maintain course file with Lesson Plan, Notes, Individual Time table and Class Timetable. 2. Prepare Lesson Plan according to number of working days and follow it. 3. Prepare digital notes effectively and see that it is in accordance with syllabus. 4. Maintain punctuality to class - 5 minutes before time. 5. Student attendance should be marked in the attendance registers before starting the Lecture. 6. Prepare each 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.</p>

		<p>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.</p>
<p>MRECW-code of conduct to student Counselor</p>	<p>01/07/2019</p>	<p>Maintaining counseling register for the allotted 20 students properly from time to time with neat handwriting. ? Counseling includes regular record of student attendance, performance, activities and results along with constant guidance and motivation to the students in academics as well as co-curricular and extracurricular activities. ? Daily student attendance to be monitored in the first hour followed by necessary action. ? Constant rapport to be maintained with the</p>

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.

MRECW-code of conduct to Parents

01/07/2019

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 students

01/07/2019

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.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Awareness Program on importance of Education at Gundlapochampally Village	08/02/2020	08/02/2020	2467
Awareness program on Corona Virus by DrChPreethi Reddy Director Malla Reddy Medical sciences	07/03/2020	07/03/2020	2520
Computer Education Programme for Gundlapochampally Government School Children	27/01/2020	27/01/2020	1247
MRECW PRESENTS Anti Plastic Awareness Programme at Gundlapochampally Village	16/11/2019	16/11/2019	1567
Dental Camp under MRECW NSS Unit	09/01/2020	09/01/2020	1894
blood Donation Camp	20/09/2019	20/09/2019	250
Republic Day Celebrations- patriotic songs competitions	25/01/2020	26/01/2020	1456
Indepence day Cel ebrations-inculcate	14/08/2019	15/08/2019	1890

the thoughts of patriotism			
Donate note books pens to maisamma guda school children	10/08/2019	10/08/2019	623
Human Values Professional Ethics Course Integrated with the Curriculum with the designed syllabus	01/07/2019	01/05/2020	616
View File			

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 the whole staff is committed because of their commitment 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 plant trees: The college maintains beautiful garden of decorative plants and a vast lawn for the cricket ground. Many trees have been planted in the campus. College has a well maintained botanical garden with 10 of total plants are related to variety of meditation plants. The New plantation of trees on 7th September 2019 in GOGREEN Program.
2. Plastic Free Zone: MRECW ECO Club which is associated with NSS UNIT create awareness to sensitize the students about the harmful effects of plastic. Students were also shown 100 compostable bags its use was encouraged in place of plastic bags.
3. Water harvesting , Water Conservation 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 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 lighting throughout its campus which helps conserve the energy demand. Long slender clerestory windows in library, nearly eliminates the need for artificial-lighting. High wattage CRT monitors have been replaced by TFT/low power LCD monitors in all the laboratories offices. Energy efficient lighting fixtures like T5, CFLs LEDs are used in all classrooms departments. Sensitization of staff, student housekeeping force to turn off lights /fans when not in use. Hi speed internet Wi-Fi facility OPAC facility are available in the college. Further, students are encouraged to submit assignments online wherever possible, e-circulars are used for communication in all departments.
5. Use of Solar Energy : The institute has installed solar panels for supplementing the need of power supply to the hostel, Street lights in EEE department Lab.
6. Solid Waste: The waste is generated by all sorts of routine activities carried out in the College that includes paper, plastics, glass, metals, foods, etc. The waste is segregated at each level 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 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 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, Pearson 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(First women's campus to establish an authorized Microsoft Innovation Centre in Telangana State), 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, Pearson, 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. So far 122 students are BEC certified. 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. So far 500 students have completed CISCO module 1 and 250 students have completed CISCO Module 2. The CiscoPythonCertificationcompleted forII,IIIandIVYearStudents and CiscoLinuxCertificationforIVYearStudents. 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. Yappoprogramme, which is a 24 hour continuous coding program is also organized after Microsoft training for which the students are given Yappo Certification. So far 250 students are Microsoft certified and many of them have also won prizes for developing Apps. MRECW is an authorized Oracle Academic Partner, in association with Oracle Corporation India which offers JAVA certification. Great care is taken by the institution in planning these certification programmes from the 2nd year B.Tech, so that there is no overlapping and all the certifications are completed successfully by the final year B.Tech. The training sessions are planned after the college working hours and during the vacations with the support of the students and faculty, so that the regular class work is not disturbed. 5. Evidence of Success: The value added certification courses are Add on programmes, which enrich the profiles of the

students. They are also being helpful in improving the technical and presentation skills of the students. This is clearly evident with the great success achieved in placements this year. As a part of the certification training, the students are made to develop Apps and projects on their own, which is giving them a lot of confidence and many of the students now feel that they can lead successful careers on their own as Real Time Project Developers.

6. Problems encountered and Resources Required: The few problems encountered are like the extra time which is needed for the trainings without disturbing the classwork. This has been planned after the college working hours for the hostellers and during the vacations for the day scholars with the support of the students and the concerned faculty. The training programmes have to be meticulously planned for the smooth completion of all the certification courses and this is being taken care of by the Training Placement Cell. Best Practice:2

1. Title of the Practice: Application oriented teaching, project based training, Multi mode teaching practice in all classrooms, Remedial classes and Question Banks. 2. Goal: The Institution aims at transforming the students into technically advanced engineers, through comprehensive education by application oriented teaching and project based training to provide hands on experience and practical knowledge in their relevant technical fields. The institution aspires to instill scientific zeal and develop skilled human resource to contemporary challenges. 3. The Context: To provide application oriented teaching and project based training and to prepare question banks, and Lab Manuals expertise

faculty members are required. To facilitate multimode teaching practice, LCD projectors are required in all classrooms. 4. The Practice: Expertise faculty members are available to provide application oriented teaching by connecting theoretical subject content with the areas of real time applications. Project based training is given in all streams of engineering. The students are provided knowledge on the equipment and the related technology required to develop projects on their own in the latest advancements in their relevant fields of technology. This is a regular practice in every semester. Lab manuals are designed by the faculty for every lab which contain all the experiments according to the Autonomous syllabus (I II years of UG PG), JNTU syllabus (III IV years of UG) and also at least two additional subject-relevant experiments for extra knowledge. These Lab manuals are distributed to the students. The faculty also prepare question banks for every subject, which contain all important questions from each unit as per the syllabus. LCD projectors are available in every classroom, so that the Teaching-Learning activity is done more effectively. Remedial classes are organized every day for one period after the regular college working hours and more actively before the supplementary exams for the students with backlogs. 5. Evidence of Success: With the help of Application oriented teaching, the students are able to understand the subject better. Through Project based training programmes, the students' technical knowledge and skills have increased. The LCD projectors are helping the students to easily grasp the subject knowledge with interest. The Remedial classes and question banks are directly helping in increasing the pass percentage of the students in the university examinations. 6. Problems Encountered and Resources Required: LCD projectors are required for every classroom which are made available with the support of the management. Expertise faculty are required for application oriented teaching and project based training and to design Lab manuals and question banks. With the management's support the necessary expert faculty have been recruited. As the remedial classes are conducted after the college working hours, the necessary students are requested to stay back and avail the opportunity.

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

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

7.3 – Institutional Distinctiveness

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

Technology Business Incubation (TBI), activities towards successful Business Startups by students. Technology Business Incubation Centers to develop world class, globally competent technocrats and to promote startups. The College has MOUs with MSME, Govt. of India as Host Institute for Business Incubation, MSME Toolroom, CITD, Hyderabad, IBM, Tech Mahindra and Red hat Academy for encouraging entrepreneurship, Technology Exchange Programmes and Placements. MRECW students are participated in various state level, National level and International level Hackathon programs. ? MRECW students participated in Hexathon 2019 conducted by Hexagon Capability Center, India(HCCI) with idea on "Online Voting System using Blockchain technology" on 19-10-2019 20-10-2019 and got First Position and got chance for each student along with their family to visit Singapore. ? MRECW students participated in International Women's Hackathon 2020 conducted by HackerEarthInc San Francisco USA with idea on "Online Voting System using Blockchain technology" on 08-03-2020 and got First Position and received 3000 USD. ? MRECW students participated in EXCITE-2k19 and got Second Position. ? MRECW students participated in ELITE-2k19 and got Third Position. ? MRECW students participated in EXCITE-2k20 and got Third Position. University Gold medals: The students of MRECW have bought laurels to the college yet again, by securing seven Gold Medals in the university examinations conducted by JNTUH. 1. JNTUH University Gold Medal onB.Tech EEE by Ms. ARORI SHASHI PREETHI (15RH1A0204). 2. JNTUH University Gold Medal onB.Tech ECEby Ms. GURJALA ANUSHA (15RH1A0479). 3. JNTUH University Gold Medal onB.Tech CSEby Ms. TALLURI MANICHANDANA (15RH1A05M7). 4. JNTUH University Gold Medal on highest marks in Mathematics-I by Ms. GURJALA ANUSHA (15RH1A0479). 5. JNTUH University Gold Medal onB.Tech best outgoing student in ECE by Ms. GURJALA ANUSHA (15RH1A0479). 6. JNTUH University Gold Medal onB.Tech best outgoing student in CSE by Ms. TALLURI MANICHANDANA (15RH1A05M7). 7. JNTUH University Gold Medal on ""Best outgoing student of M.B.A. out of all affiliated Colleges"" by Ms. SAIPETA MOUNIKA (16RH1E0047). Refer <http://www.mallareddyecw.com/gold.pdf> Internships: Four III B.Tech students, RuchikaYadav,K Vineesha, KothaSathvika and Susritha Chandra are selected for Internship in CISCO with stipend of Rs.60,000/-. 5 students got in CDK Global, 61 students got in EPAM and 34 students got Internship in Internshala etc.Twelve students received excellence award from Education matters. Achievements of the institution: ? Ranked 6th in CSR-2019. ? Top 100 Ranking-ARIIA-2019,MHRD,Govt.of India ? "Best College of the year-2019 " by Education Matters. ? 141 Rank by India Today-Best Engineering Colleges of India Rankings-2020. Patents: Our Faculty Team attained Patent Right for their Technological Innovations. ? Dr.D.B.Kamesh,Professor, Dept.of CSE. Published patent on Design, Development on Solar Adsorption Desalination Cooling System" on 07-05-2019. ? Dr. A. Jayachandran Professor, Dept.of CSE. Published patent onGarbage Waste Monitoring and Collection System with Reduced Human Intervention" on 07-12-2019. Our Faculty Team applied Design Patents on Optimized electric motor (Design Application No329273-001), Super Multi Wireless Charger (Design Application No329274-001), Optimized Projector (Design Application No329275-001), Remote Adjustable TV Mount (Design Application No: 329276-001) on 20-06-2020.

Provide the weblink of the institution

<http://www.mallareddyecw.com/PDFs/IDR/19-20.pdf>

8.Future Plans of Actions for Next Academic Year

- Introduce a new Programmes in ? CSE Specialization in Artificial Intelligence

Machine Learning, ? CSE Specialization in Data Science ? CSE Specialization in Cyber Security ? CSE Specialization in Internet of Things • Planning to construct two new Buildings. • Planning to increase the MOUs with esteemed and premier institutions (both Industrial and Educational) to improvise the collaborative activities. • Planning to organize International Conferences in four departments. • Planning to increase applications for research projects from different government and Non-government funding agencies. • Planning to modify block 1 block 2 with new modernized look completely transform into clean and smart campus. • Planning to conduct National Hackathon Programmes by addressing various problems and under Entrepreneurship Development Cell. • Planning to organize FDP related to research Orientation. • Planning Introduced New Certification Courses in association with NAASCOM • Planning to organize Value Added Certification Courses like Cisco-CCNA, Cisco-C, Cisco-Python, Cisco-Linux, MTA Certification through Microsoft Innovation Center, Robotics Certifications, Java SE programmer profession(JCP) certification through Oracle Academy, Mock interviews, Campus Recruitment Training (CRT) programs and Finishing School Training on various Technologies like Robotics, IOT AI/ML and Linux Programming and Block chain Technologies under Training and Placement Cell. • Planning to conduct technical training programs for students associated with various technical clubs. • Planning to organize Education Fairs and awareness Programms on Higher studies under Global Education Career Guidance Cell. • Planning to organize Personality Development Programs by Dr BV Pattabhiram World renowned Psychiatrist, Prof M L Sai Kumar Former Dean Academics IPE Prof of CSE and Mr Manash Mishra, under Centre for Human Excellence • Planning for internships, industry visits under industry Institute Partnership Cell • Planning to organize NSS activities under NSS Unit. • Planning to organize Sports Events. • Planning to organize National Level Technical Symposium -FUTURE SASTRA and State Level Technical Symposium -MEDHA under IEEE,CSI,ISTE and IETE Student Chapters. • Planning to organize Extra Curricular Activities.