



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	MALLA REDDY COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr. JOHN PAUL PULIPATI
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04064634236
Mobile no.	9348161222
Registered Email	principal@mrce.in
Alternate Email	jppulipati@yahoo.com
Address	Maisammaguda, Dhulapally, post via Kompally, Secunderbad-500100
City/Town	SECUNDERABAD
State/UT	Telangana
Pincode	500100

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr.T.Sunil			
Phone no/Alternate Phone no.		04064632248			
Mobile no.		9000733858			
Registered Email		iqaccordinator@mrce.in			
Alternate Email		adminofficer@mrce.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://mrce.in/aqar.html			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.mrce.in/academic.html			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.99	2018	02-Jul-2018	02-Jul-2023
6. Date of Establishment of IQAC			08-Aug-2017		
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		
Academic Meeting	06-Jul-2018 1		140		

IQAC Meeting	23-Aug-2018 1	19
Feedback from Students	31-Aug-2018 1	1500
Five days Workshop (OBL in HE)	10-Dec-2018 5	95
Academic Meeting	15-Dec-2018 1	137
Feedback from Students	09-Feb-2019 1	1450
Two days National Seminar(Innovation Strategies to Enhance quality of Education in Association with NAAC)	22-Feb-2019 2	258
Feedback from Students	10-Apr-2019 1	1500
IQAC Meeting	19-Jun-2019 1	19
Academic Meeting	12-Jul-2019 1	135
Feedback from Students	30-Jul-2019 1	1500

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
MRCE	DSTNIMAT	NIMAT	2018 1	100000
MRCE	DST-NIMAT	NIMAT	2019 1	80000
MRCE	MINISTRY OF YOUTH AFFAIRS AND SPORTS GOI	NSS	2019 1	220000
MRCE	JNTUH-IIC	MHRD	2019 1	100000
MRCE	JNTUH	TEQIP	2019 1	100000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	100000
Year	2019
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
<p>1.Association with MHRDMIC 2.Starting up Innovation Hub in Association with JNTUH 3.Applied for MSME HI status 4.Working with funding agencies to get funds for conducting Seminars,Workshops and Conferences 5.Signed MOUs with 6 companies 6.Working with companies to increase MOUs 7.Startup established 8.Working with companies to increase startups</p>	
View File	
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
Working with funding agencies to get funds for conducting Seminars,Workshops and Conferences	Successful in getting lakhs from AICTE
View File	
14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
Governing Council	29-Jun-2019
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	25-Feb-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)	Integrated students management software is used for Management of date students, staff and non teaching staff members. The software includes modules for entry of students , staff and no teaching staff members attendance. The second module is about the fees of the students collected , where in the fees paid by the students is entered in this module , which helps to generate due list at any time, and the third module is related to leaves , where in the details of leaves is entered. The software has the module pertaining to staff achievement and academic activities in terms of academic calendar. The last module is about storing the students marks which helps to do student performance analysis. It also stores information with respect to publication of faculty papers and their citations. This helps to do Research analysis. The software will generate reports to do the analysis

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Response: JNTU Hyderabad provides the syllabus for every programme and also announces the academic calendar for every semester. In accordance with the university academic calendar, the college prepares an academic schedule for every semester that helps to plan academic events like internal assessment tests, association and professional activities along with the dates. The academic schedule is finalized by the College Academic Committee headed by the Principal. The action plan and implementation strategies are arrived in the meeting. The HOD convenes meeting with Department Academic Committee and finalizes the Department Academic calendar and Action plan. Subject allocation is done on the basis of faculty specialization and experience. The time table and syllabus copy will be given to the faculty members. Based on that, they will prepare lesson plan and lecture notes for their subjects before the

commencement of the classes. Based on the complexity of the subjects, the faculty members concerned are deputed to attend faculty development programmes. All the class rooms are provided with LCD projectors for ICT enabled course delivery. The records of class work and lesson plan are monitored by the Heads of the Departments and the Deans periodically. Class committee meeting consisting of students, faculty members, Head of the department and Dean Academic is conducted twice in a semester to improve the teaching learning process. The points raised in the meeting are taken into consideration and solution is provided in consultation with the Principal. Terminal and Model Examinations are conducted as per the academic schedule. After each examination the slow learners are identified and special coaching classes are conducted beyond the working hours. Individual attention and necessary counseling is given to the students. One faculty counselor is allotted for every 15 students to monitor the curricular, co-curricular, extra-curricular activities and personal issues. Internal marks are awarded to the students as per the university guidelines. Laboratory classes are conducted as per the curriculum. Each laboratory has a laboratory manual prepared by the faculty members. Experiments are conducted by splitting the strength of the class into batches consisting of 2-3 students. Individual computer is provided for each student in the computer laboratories. Mini and main projects, industry internship programs etc are given prime importance for employability of the students. Introduction of industry oriented elective courses, communication skills, labs established as a part of the curriculum enable further to increase the employability of the students. Students are encouraged to undertake innovative projects as part of the assignments as and when the course work demands. An exclusive center for innovation is set up to nurture the talents in this direction. Value-added programs with industry support are conducted. Students are encouraged to take research oriented projects. To enhance student technical knowledge, expert & guest lectures are arranged regularly. To enhance student technical skills, workshops & hands-on-training by industry experts are arranged regularly.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
ADVANCE JAVA PROGRAMMING	NIL	12/07/2018	30	BOTH	YES
PHYTON	NIL	12/07/2018	30	BOTH	YES
AUTO CAD	NIL	12/07/2018	30	BOTH	YES
ANSYS	NIL	12/07/2018	30	BOTH	YES
PRO E	NIL	12/07/2018	30	BOTH	YES
C PROGRAMMING	NIL	22/01/2019	30	BOTH	YES
C(PLUS PLUS) PROGRAMMING	NIL	17/07/2018	30	BOTH	YES
MATLAB PROGRAMMING	NIL	17/07/2018	30	BOTH	YES
JAVA	NIL	17/07/2018	30	BOTH	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ECE	12/07/2018
BTech	CSE	12/07/2018
BTech	MECH	12/07/2018
Mtech	ES VSLI	16/08/2018
Mtech	CSE	16/08/2018
Mtech	CAD/CAM	16/08/2018
Mtech	THERMAL	16/08/2018
MBA	MBA	16/08/2018

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

	Certificate	Diploma Course
Number of Students	1500	0

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
Hard ware and Networking Essentials (CSE)	08/09/2018	222
Search Engine Optimization with Google Analytics Webmaster Tools (CSE)	09/02/2019	205
Cloud Infrastructures and Services (CSE)	23/03/2019	234
Bridging the Gap between College and Corporate (CSE)	20/04/2019	236
Principles of Digital Signal Processing (ECE)	28/07/2018	114
Embedded System Design using ARDUINO platform (ECE)	25/08/2018	115
Networks Security (ECE)	22/09/2018	110
MATLAB for Signal Processing (ECE)	22/01/2019	98
Transmission lines and wave guides (ECE)	09/03/2019	105
CMOS VLSI Design using MICROWIND Tool (ECE)	24/04/2019	108
Manufacturing Materials and Process Course ((MECH)	11/08/2018	95
Course in Machine Design	08/09/2018	99

(MECH)		
BIW Domain studies (Catia, UG NX, Crew) (MECH)	22/09/2018	105
Product development studies (MECH)	29/01/2019	96
Plastic trims design (MECH)	23/02/2019	113
Automotive Exterior trim design (MECH)	30/03/2019	95
Productivity and Employability skills training (MBA)	28/07/2018	47
Innovation in Entrepreneurship (MBA)	01/09/2018	56
IPR Copyright Trade mark fundamentals (MBA)	20/09/2018	48
Personal Management (MBA)	22/01/2019	52
Bridge Resource Management (MBA)	09/02/2019	47
Bridge Team Management. (MBA)	09/03/2019	44
Quality Improvement Program for Employability of students (SKILL DEVELOPMENT)	10/08/2018	450
Environmental and Sustainability	30/07/2018	480
Environmental and Sustainability	19/07/2018	369
Environmental and Sustainability	24/12/2018	120
Professional Ethics	19/07/2018	480
Gender	24/12/2018	360
Human values	24/12/2018	240
Human values and Professional Ethics	24/12/2018	240
Building Blocks of JAVA (CSE)	21/07/2018	232
Python Programming (CSE)	11/08/2018	235

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	MECH (INTERNSHIPS)	430
BTech	ECE (MINI PROJECT)	120
BTech	CSE (MINI PROJECT)	240

BTech	MECH (MINI PROJECT)	120
BTech	ECE (MAJOR PROJECTS)	120

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)

<p>Feedback Obtained</p> <p>Feedback Analysis Procedure: Our college is regularly collecting the feedbacks from the stake holders on different occasions on the curriculum as well as on the overall improvement of the college. Feedback is collected in different ways: (i) Alumni meetings Feedback from alumni is collected at the Alumni meet at the department level from time to time. During this meet, the Alumni feedback on curriculum is collected. (ii) Parent meetings Parent teachers meet is organized every semester to analyse the performance of the students and the feedbacks are collected from them during the meet. (iii) Class representative and Girl representative meetings Students are permitted to share their feedbacks to the subject teachers, counsellors, class advisers, HODs and also during the Class Committee meetings to discuss regulations and related implementation issues. (iv) Employer feedback Employers feedbacks are collected whenever they visit our campus and also through our alumni who work in the industries. (v) Placement officer feedback The placement officer informs about the type of skills lacking in student as per industry demand from time to time. These feedbacks is analyzed and used to reorient the gaps in the courses. Action to be taken on the various feedback report collected from stakeholders from time to time along with suggestions on the same. Action suggested on Parents Feedback report Most of the parents had to say about the content of the syllabus as the topics covered are more in a particular semester. Parents wants reduction in the portion so that the same can be covered in time by the faculty. Suggestions made are: Write up to be prepared for the same and to be submitted to BoS . Action suggested on Students Feedback report Students also have to say about number of optional subjects available and also about the real time applications. Students wants the syllabus to designed and modified frequently so that they get the chance to face and clear the interviews at very first instance. Suggestions made are: Faculties are advised to cover the syllabus and plan for additional classes as and when required so as to see that the syllabus is covered on time. Action suggested on Alumni Feedback report Alumni's were focusing on infrastructure and placement facilities. They want more CRT programs to be conducted and also wants the syllabus to be as per the market need. Action suggested on Employer Feedback report Employers wanted the syllabus to be more oriented toward the current trends in the market and also wants to have a particular period for improving communication skills of the students. Suggestions: Principal and Heads were asked to arrange more CRT programs so as to prepare students for the placements. Action suggested on Teachers Feedback report As per the feedback more teachers were asking for modifications in certain part of the syllabus so as to make it market friendly and the student as market ready. The intention was to see that the student completing the course should be ready to perform in the job for day one.</p>

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
BTech	CSE	240	1150	240
BTech	ECE	120	486	120
BTech	MECH	120	431	105
Mtech	CSE	30	120	14
Mtech	ES&VLSI	48	227	30
Mtech	THERMAL	24	136	10
Mtech	CAD/CAM	24	134	8
MBA	MBA	60	246	59

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
2018	465	121	115	37	0

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
152	152	52	52	42	10

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

The Duties of a Mentor for academic and stress related issues: 1. Fill the student's Academic and Personal Profile. 2. Meet the mentee every fortnight. 3. Submit the report to HOD once every fortnight/immediately if emergency arises. The following guidelines are to be used if the parent is not around to assume the responsibility for the student's behavior. The parents are informed about the steps taken and the situations that forced to take those steps. Program Rules: 1. Discussions between mentor and mentee are confidential. The mentee's personal or family life may be difficult to discuss, particularly early in the relationship. 2. If a particular situation or concern is beyond mentor's ability to handle, it will be raised to the HOD, Principal or Secretary depending on the nature of the problem. Students with physical disabilities: 1. Two Wheel Chairs and a Ramp are available for students with physical disabilities. 2. as of date there are no students with physical disabilities in the college Rolls. Psychosocial counseling: 1. Students who are disobedient, mentally depressed, irregular, and with poor academic performance are counseled by campus psychologist and trained faculty to bring out change in their attitude. 2. Dr. G.Vikram Reddy, MBBS, DPM, Neuro Psychiatrist/Consultant was appointed to deal with psychosocial problems faced by the students and council them on need basis

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2040	152	14 : 01

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
152	152	0	0	46

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.Nikhil Raj	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018
2018	Dr.Nikhil Raj	Professor	BEST YOUNG SCIENTIST AWARD, Global Education and Corporate Leadership Awards 2018
2018	Dr. N.Muthukumar	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018
2018	J.Sudha Pallavi	Assistant Professor	BEST YOUNG SCIENTIST AWARD, Global Education and Corporate Leadership Awards 2018
2018	J. Chandra Shekar	Assistant Professor	BEST YOUNG SCIENTIST AWARD, Global Education and Corporate Leadership Awards 2018
2018	P. Venkatapathi	Assistant Professor	BEST RESEARCHER OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2018	J. Shashi Kumar	Assistant Professor	BEST RESEARCHER OF THE YEAR, BEST RESEARCHER OF THE YEAR, Global Education and Corporate Leadership Awards

			2018
2018	Mankena Ramakrishna	Assistant Professor	BEST YOUNG SCIENTIST AWARD, Global Education and Corporate Leadership Awards 2018
2018	Dr.P. Shiva Kumar	Associate Professor	BEST RESEARCHER OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2018	B. Veeramallu	Assistant Professor	BEST YOUNG SCIENTIST AWARD, Global Education and Corporate Leadership Awards 2018
2018	Dr.K.V. Durga Kiran	Associate Professor	BEST RESEARCHER OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2019	Dr P John Paul	Principal	APPRECIATION CERTIFICATE, IEEE
2019	Dr Gladson Maria Britto J	Professor	APPRECIATION CERTIFICATE, IEEE
2019	Dr V Bhoopathy	Professor	APPRECIATION CERTIFICATE, AICTE INTERNSHALA
2019	Dr Gladson Maria Britto J	Professor	STAR PERFORMER, MHRD IIC
2018	Dr. P John Paul	Principal	BEST RESEARCHER SUPERVISOR AWARD, Research Excellence and Academic Awards 2018
2018	Dr.T. Varahal Reddy	Vice Principal	BEST ACADEMICIAN OF THE YEAR, Research Excellence and Academic Awards 2018
2018	Dr. T. Sunil	Professor	BEST DEAN OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2018	Dr. Shiva Shankar Gowd	Professor	BEST DEAN OF THE YEAR, Global

			Education and Corporate Leadership Awards 2018
2018	Dr. S. Ananth	Professor	IASTE BEST RESEARCHER AWARD, International Association for Science and Technical Education 2018
2018	Dr. V.Bhoopathy	Professor	IASTE BEST RESEARCHER AWARD, International Association for Science and Technical Education 2018
2018	Dr. V.Bhoopathy	Professor	BEST YOUNG RESEARCHER AWARD, Global Education and Corporate Leadership Awards 2018
2018	Dr. V.Bhoopathy	Professor	BEST ACADEMICIAN OF THE YEAR, Research Excellence and Academic Awards 2018
2019	Dr. V.Bhoopathy	Professor	IARDOYOUNG RESEARCHER AWARD, Vedant Academics Bangkok Awards 2019
2019	Dr. Gladson Maria Britto J	Professor	BEST RESEARCHER SUPERVISOR AWARD, Vedant Academics Bangkok Awards 2019
2018	Dr. Gladson Maria Britto J	Professor	BEST DEAN OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2018	Dr. Gladson Maria Britto J	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018
2018	Dr. A.Kannagi	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018

2018	Dr. M.Narayanan	Professor	BEST ACADEMICIAN OF THE YEAR, Global Education and Corporate Leadership Awards 2018
2018	Dr. A. Karthikeyan	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018
2018	Dr. P.Velmurugan	Professor	BEST GURU AWARD, Research Excellence and Academic Awards 2018
2018	Dr. G. Sridhar	Professor	BEST YOUNG SCIENTIST AWARD, Research Excellence and Academic Awards 2018
2018	Dr. M.Thamarai	Professor	BEST ACADEMICIAN OF THE YEAR, Research Excellence and Academic Awards 2018

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	CSE/ECE/MECH	I/I	10/12/2018	16/02/2019
BTech	CSE/ECE/MECH	II/I	06/05/2019	14/07/2019
BTech	CSE/ECE/MECH	I/II	26/11/2018	12/03/2019
BTech	CSE/ECE/MECH	II/II	06/05/2019	09/07/2019
BTech	CSE/ECE/MECH	I/III	26/11/2018	05/02/2019
BTech	CSE/ECE/MECH	II/III	06/05/2019	08/07/2019
BTech	CSE/ECE/MECH	I/IV	26/11/2018	24/01/2019
BTech	CSE/ECE/MECH	II/IV	06/05/2019	19/06/2019
Mtech	CSE/ESVLSI/THERMAL/CAD/CAM	I/I	17/12/2018	16/04/2019
Mtech	CSE/ESVLSI/THERMAL/CAD/CAM	II/I	24/06/2019	05/09/2019
Mtech	CSE/ESVLSI/THERMAL/CAD/CAM	I/II	15/12/2018	06/04/2019
MBA	MBA	I/I	15/12/2018	02/03/2019

MBA	MBA	II/I	11/05/2019	31/07/2019
MBA	MBA	I/II	15/12/2018	02/03/2019
MBA	MBA	II/II	11/05/2019	11/07/2019
View File				

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

In the beginning of every semester, the faculty meeting is conducted and they are informed about the terminal test schedule, question paper pattern, and schedule of marks entry in the JNTUH web portal. Orientation programme is conducted for the newly joined faculty members about the evaluation process. The academic calendar is prepared and it is displayed in the notice boards of all the departments. The University regulations and curriculum are available in the JNTU Hyderabad website. The syllabus copy is issued to the students. Orientation programme is conducted to the fresher's after the admission process is complete. During the programme, the details of syllabus, curriculum and evaluation process are explained in detail. During the Class Committee meeting the students are informed about the evaluation process. Parent - Teachers Meet is conducted every semester. In this meet, the evaluation process, student's marks in the terminal examination and university examination are discussed with power point presentation. Also these marks are disclosed to the parents through post. University has introduced the web portal entry for the continuous internal assessment test marks with the time frame. Photocopy of the answer sheets can be sought by the students if they are interested Revaluation of answer scripts and challenge revaluation are available in the evaluation system. Students can view all their details regarding internal assessment marks, University exam results and personal details in the student's web portal in the university website. Uniformity in examination procedures, question pattern, central valuation system with interchanging of the zonal exam papers and exam invigilators from other Engineering colleges are the evaluation reforms of the university. The subject teacher sets two question papers for each internal examination. Out of which the HOD selects one question paper for examination. The Model examination question papers are set by the experts from nearby Institutions. The college examination cell conducts internal tests and University Examinations as per the guidelines of the University. It looks after the submission of student's exam application to the university, ensures the web portal entry of the college and other exam related works.

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

The university frames the syllabus and academic schedule. It gives the commencement end of each semester, schedule of mid end semester examinations, vacations schedules. The curriculum prescribed is completed by the faculty members within the time frame. Extra classes both in theory and practical's are conducted by the faculty members for the completion of the course content within the time, if required. The classes lost due to unexpected bandhs and holidays are compensated by arranging classes on next working Saturdays. Sometimes some of the faculty also takes extra classes on Saturday's/Sunday's and/or evenings to cover the syllabus in time.

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://mrce.in/Facilities/PO's&PSO's/po.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
A05 CSE	BTech	CSE	246	237	96.34
A04 - ECE	BTech	ECE	141	139	98.6
A03 - MECH	BTech	MECH	209	200	95.7
D58-CSE	Mtech	CSE	13	11	84.62
D77-ES & VLSI	Mtech	ECE	29	27	93.10
D21-THERMAL	Mtech	MECH	10	9	90
D04-CAD/CAM	Mtech	MECH	8	7	87.50
E01-MBA	MBA	MBA	57	54	94.74

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://mrce.in/Facilities/Feedback/sss.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	3	Chandramma Educational Society	30000	30000
Students Research Projects (Other than compulsory by the University)	6	Chandramma educational Society	50000	50000
Students Research Projects (Other than compulsory by the University)	9	Chandramma educational Society	75000	75000
Students Research Projects (Other than compulsory by the University)	12	Chandramma Educational Society	120000	12000
Major Projects	24	Malla Reddy	700000	300000

		Institute of Medical Sciences		
Minor Projects	18	Malla Reddy Narayana Multispeciality Hospitals	300000	300000
Minor Projects	18	Avinash industries	300000	300000
Industry sponsored Projects	24	AMI Technologies	3500000	2000000
Industry sponsored Projects	24	Mech Engineer	3000000	1500000
Industry sponsored Projects	24	EMINI soft	4500000	2500000
View File				

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Workshop on Application of Trademark in Business	MBA	03/07/2018
seminar on IPR management in industry	ECE	29/08/2018
Entrepreneurs awariness Program	MBA	24/09/2018
Promotion and protection of intellectual property rights	MECH	12/11/2018
Entrepreneurs awariness Program	MBA	24/09/2018
Entrepreneurs awariness Program	MBA	29/01/2019
Entrepreneurs awariness Program	MBA	12/03/2019
Entrepreneurs awariness Program	MBA	15/04/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Formula Kart Design	S R Athul Abhinav Sengupta Ankit R. Mudaliar	Fraternity Of Mechanical And Automotive Engineers	19/06/2018	National Level
Quad Bike Design	1.Md.Mazar Alam 2.Aravind	Fraternity Of Mechanical And	18/03/2019	National Level

Challenge Season (QBDC)		Automotive Engineers		
Smart Alert Toilet	N.Sai Ranga Reddy	MHRD Innovation cell	11/09/2019	National Level
Smart Alert For Wash Room Management System	N.Sai Ranga Reddy	Smart India Hackathon 2019	03/03/2019	National Level
Iot Home Automation	Mr.R.Varun	Jntu Innovation Centre	14/03/2019	State Level
Iot Home Automation	Mr.A.Sravan Chowdary	Jntu Innovation Centre	14/03/2019	Staate Level
Smart Alerts	Mr.A.Karthik Reddy	Aavishkar'19 Svit	30/03/2019	State Level

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
New things Incubation centre	New things Incubation centre	Chandramma Educational society	Ewaste management	Innovation Commercial	12/06/2018
INCUBATIONCS E	SMART TOILET	JHUB	SMART TOILET	Innovation Commercial	12/06/2019
INCUBATIONME CH	GOKART	Chandramma Educational society	GOKART	Innovation Commercial	20/12/2018

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
650000	360000	490000

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

Name of the Department	Number of PhD's Awarded
ECE	1
CSE	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	82	0
International	ECE	56	0
International	MECH	21	0

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

Department	Number of Publication
CSE	66
ECE	41

MECH	20
H S, MBA	15
View File	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Multi slot TMI measure based machine scheduling for applications with improved data security	Dr John Paul Velmurugan, P Kannagi A	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy College of Engineering	0
Degradation mechanism for high temperature sliding wear in surface modified In718 superalloy	Velmurugan, P Kannagi A	Cogent Engineering	2018	0	Malla Reddy College of Engineering	0
Smart curiosity sink node prediction mining algorithm for path optimization in wireless sensor network	Dr.A.Kannagi	International Journal of Engineering and Technology(IJET)	2018	1	Malla Reddy College of Engineering	1
KPartitioned smallest distance Mining Tree for path Optimization in Wireless Sensor Network	Dr.A.Kannagi	Journal of Wireless Personal Communication	2018	0	Malla Reddy College of Engineering	0

Optimization Of Wear Parameters Of GCI Under Lubrication And Coating Using GRA	Dr.P John Paul Dr S Ananth	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	1	Malla Reddy College of Engineering	1
MultiObjective Optimization of Wear Parameters for Aluminium Matrix Composites (413/B4C) using Grey Relational Analysis	Dr S Ananth	Metrialsto day Proceeding	2018	1	Malla Reddy College of Engineering	1
Effect of Tool Traverse Speed on Strength, Hardness, and Ductility of Friction Stir Processed LM25AA5 SiCp Metal Matrix Composites	P. Vijayavel	Metallography, Micro structure, and Analysis	2018	2	Malla Reddy College of Engineering	2
Nusselt number and friction factor correlations of three sides concave dimple roughened solar air heater	Dr Vikash Kumar	Renewable Energy, Elsevier.	2019	1	Malla Reddy College of Engineering	1
Performance Analysis of Threesides Concave	Dr Vikash Kumar	Journal of Sustainable Development of Energy,	2018	1	Malla Reddy College of Engineering	1

Dimple Shape Roughened Solar Air Heater		Water and Environment Systems				
ANALYSIS ON SPUR GEAR CUTTING ATTACHMENT TO LATHE	R.PRAVEEN KUMAR	International Journal of Mechanical and Production Engineering Research and Development	2019	0	Malla Reddy College of Engineering	0
ANALYSIS OF SINGLE STRAP HYBRID BUTT JOINT IN LAMINATED FRP COMPOSITES	I Prasanna	International Journal of Mechanical and Production Engineering Research and Development	2019	0	Malla Reddy College of Engineering	0
Evaluation Based Load Balancing in Cloud Computing	Dr.SDr.J.G ladson Maria Britto	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy College of Engineering	0
Constructing a System for Analysis of Machine Learning Techniques for Early Detection of Thyroid	Sayyad Rasheeduddin	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy College of Engineering	0
PROTECTED AND FLEXIBLE MULTIKEYWORD SEARCH MODEL OVER ENCODED CLOUD DATA	Syed mohammed shafi	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy College of Engineering	0
A Survey on Detection and Prediction of Lung	N. Sudhir Reddy	International Journal of Recent Technology and Engineering	2019	0	Malla Reddy College of Engineering	0

Cancer Using Different Algorithms		ering				
Design and Synthesis of Sequential and combinational circuit using reversiblelogic	R Purushotam Nail	International Journal of Research and Analytical Reviews	2019	0	Malla Reddy College of Engineering	0
Coupling fault detection in memories with finite State machine and micro codebase memory in built in self test	Dr John Paul	International Journal of Research and Analytical Reviews	2019	0	Malla Reddy College of Engineering	0
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
KPartitioned Smallest Distance Mining Tree for Path Optimization in Wireless Sensor Network	A Kannagi	Wireless Personal Communications	2018	1	1	1
ANALYSIS AND IMPLEMENTATION OF ONTOLOGY IN WEB IMPROVING THE SEARCH SPEED DATA	A Kannagi	International Journal of Emerging Innovations in Science and Technology	2018	1	1	1

IN WEB ENGINE							
An efficient technique for video content managing in PeertoPeer computing using multilevel cache and bandwidth based cluster	Narayanan. M	Signal Propagation and Computer Technology	2018	4	6	6	
Outliers Based Caching of Data Segment with Synchronization over Videoon Demand using P2P Computing	Narayanan. M	Research Journal of Applied Sciences, Engineering and Technology	2018	4	6	6	
An Efficient Method for Handling Data Segment with MultiLevel Caching over Video onDemand using P2P Computing	Narayanan. M	European Journal of Scientific Research	2018	4	6	6	
Speaker change detection and comparative study using support vector machines	Gladson Maria Britto	IET Digital Library	2018	1	1	1	
Securing node capture attacks for hierar	Dr V Bhoopathy	Int. J. Eng. Res. Appl	2018	4	16	16	

chical data aggregation in wireless sensor networks						
Energy efficient secure data aggregation protocol for wireless sensor networks	Dr V Bhoopathy	European Journal of Scientific Research	2018	4	12	12
Energy constrained secure hierarchical data aggregation in wireless sensor networks	Dr V Bhoopathy	American Journal of Applied Sciences	2018	4	6	6
Secure Authentication Technique for Data Aggregation in Wireless Sensor Networks	Dr V Bhoopathy	Journal of Computer Science	2018	4	5	5
Security analysis and implementation of a simple method for prevention and detection against Evil Twin attack in IEEE 802.11 wireless LAN	Dr P John Paul	international conference on computational techniques in information	2018	5	8	8
A high performance novel image comp	Dr P John Paul	International Journal of Computer	2018	5	7	7

ression technique using hybrid transform for multimedia applications		Science and Network Security				
A novel VLSI architecture for image compression	Dr P John Paul	Eighth IEEE International Symposium on Multimedia (ISM06)	2018	5	7	7
vc of IRIS Images for ATM Banking	Dr P John Paul	International Journal of Computer Applications	2018	5	6	6
Traffic grooming in WDM optical network with grooming resources at Max Connectivity nodes	Dr P John Paul	Optical Fiber Technology	2018	5	3	3
Effect of alkali treatment and fiber length on impact behavior of coir fiber reinforced epoxy composites	A Karthikeyan	Journal of Scientific Industrial Research	2018	6	48	48
Analysis of wear resistance, cracks and frictional properties of metal matrix composites with SiC additives	A Karthikeyan	Indian Journal of Science and Technology	2018	6	21	21

and Al2O3 as reinforcement						
The new approach to improve the impact property of coconut fiber reinforced epoxy composites using sodium lauryl sulfate treatment	A Karthikeyan	Journal of Scientific and Industrial Research	2018	6	16	16
The effect of sodium hydroxide treatment and fiber length on the tensile property of coir fiber reinforced epoxy composites	A Karthikeyan	Science and Engineering of Composite Materials	2018	6	8	8
Investigation on mechanical properties and wear behavior of AlSiC graphite composite using SEM and EDAX	A Karthikeyan	IOP Conference Series: Materials Science and Engineering	2018	6	6	6
Experimental investigation on scaling and stacking up of proton exchange membrane fuel cells	P Velmurugan	International Journal of Hydrogen Energy	2018	2	22	22
PERFORMANCE STUDY FOR 49 CM2	P Velmurugan	International Journal of	2018	2	2	2

MULTI PASS FLOW CHANNEL OF PEMFC		Advance Engineering and Research Development			
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	25	63	71
Presented papers	118	20	5	3
Resource persons	2	10	20	40

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Youth Conclave On Viveka Subhashitam	NSS	17	203
University Level Youth Fest	JNTU, Hyderabad	24	65
Nss Youth Festival	JNTU, Hyderabad	12	168
Blood Donation Camp	Malla Reddy Hospital	23	78
Ethical Voting	NSS	13	730
2Nd Asia'S Largest Youth Meet On Safe Water For Future	NSS	20	653
Nss Special Camp	NSS	18	53
Womens Day Celebration	Women s Development Cell	45	210
Nss International Camp	NSS	13	87
Swach Bharat	NSS	15	60
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Awareness on Plastic Free Earth	Environmental Excellence Awards	Rotary Club, Hyderabad	74
Blood Donation Camp	Blood Donor Award	Rotary Club, Hyderabad	52

Awareness on Global Warming	Environmental Awareness Award	Junior Chamber International, secundarabad	92
Swachh Bharat Clean Program	Social Services Award	Grama Panchayat, kompally	84

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
National Service Scheme	NSS	Ethical Voting	13	730
National Service Scheme	NSS	2nd Asia'S Largest Youth Meet On Safe Water For Future	20	653
National Service Scheme	NSS	Nss Special Camp	18	53
Womens welfare scheme	Women s Development Cell	Womens Day Celebration	45	210
Social service scheme	Malla Reddy Hospital	Blood Donation Camp	23	78
National Service Scheme	NSS	Nss International Camp	13	87
National Service Scheme	NSS	Swach Bharat	15	60
National Service Scheme	NSS	Youth Conclave On Viveka Subhashitam	17	203
Social Awareness scheme	JNTU, Hyderabad	University Level Youth Fest	24	65
social Awareness scheme(NSS)	JNTU, Hyderabad	NSSYouth festival	12	168

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Industrial visit	Students	Chandramma Educational Society	2
Internship	Students	Chandramma Educational Society	30
Institution industry interaction	Faculty Members	Chandramma Educational Society	7

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Contract/part time	Internship/Job Training	SK TECHSOLEN GINEERS Pvt.Ltd	06/06/2018	05/06/2019	Students
Contract	Internship	Bharat Heavy Electricals Limited	04/07/2018	03/12/2019	Students
Contract	Internship	Electronics corporation of India Limited	26/07/2018	25/07/2019	Students
Part time	Internship/Job Training	Airtel	17/08/2018	16/08/2019	Students
Contract	Internship	Swecha	07/11/2018	06/11/2019	Students
Contract	Internship	S.V Enterprises	29/09/2018	28/09/2019	Students
Contract	Internship	VN Career solutions	13/12/2018	12/12/2019	Students
Contract	Internship	STEM Innovation Technologies	24/10/2018	23/10/2019	Students
Contract	Internship	NSIC	09/10/2018	08/10/2019	Students
Contract	Internship	ITC Enduring Value	07/06/2018	06/06/2019	Students
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Electropro	20/08/2019	internship/field trip/job training	121
Eminosoft	05/05/2018	Internship/Startups	300
Mech Engineers, Hyderabad	17/08/2018	internship/field trip/job training	179
First Esco India Pvt. Ltd. Visakhapatnam	13/08/2018	internship/field trip/job training	206
Bangalore Mechatronics, Bangalore	01/06/2018	internship/field trip/job training	219

AMI Technologies, Hyderabad	05/06/2018	internship/field trip/job training	167
ATS technologies, Hyderabad	11/01/2019	internship/field trip/job training	198
Armtronic, Hyderabad	06/06/2019	internship/field trip/job training	94

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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
39800000	39532000

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	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

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 partially)	Version	Year of automation
KOHA	Fully	2.2.9	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24559	145	3273	12	27832	157
Reference Books	8045	10	320	3	8365	13
e-Books	30184	1	10000	1	40184	2
Journals	104	2	20	1	124	3
e-Journals	25100	2	0	0	25100	2
Digital Database	1	1	0	0	1	1
CD & Video	2200	1	300	1	2500	2

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr .Kannagi	NPTEL	Windows	09/01/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1250	26	1	1	2	2	3	100	10
Added	100	4	1	1	2	2	2	0	10
Total	1350	30	2	2	4	4	5	100	20

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
eLibrary	http://mrce.in/library.html

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
270	220	160	144

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

Procedure and Policy for maintenance and utilization of facilities in the College The college has a developed a policy so as to ensure that the required facilities and up gradation of infrastructure happens on time every time. In order to maintain these various committees are constituted to plan and ensure that the available of infrastructure is in line with its academic growth and is optimally utilized. These include: • General Purchase/Procurement Committee , Staff Council Committee for timetables, Building Committee and Library Committee

Procedure for maintenance of facilities: The College ensures regular maintenance in order to see that the infrastructure available is always in good condition for which the college has trained inhouse experts as well as some of the activities outsourced to outside agencies. A fulltime caretaker is appointed by the College to ensure the cleanliness, hygiene, sanitation, water supply, electricity, security and stationery condition and to update the Principal of the institution about the current/ daily state of affairs. Furniture and equipment are purchased on regular basis as per the requirements (meeting happens once in every quarter). The College has its own fulltime

plumber, electrician, sweepers and gardeners to maintain the lawns and flora of the College. The College has appointed a Senior Technical Assistant and a Computer Network Assistant to provide regular support services relating to computer hardware and software. They also ensure the allotment of WiFi passwords to individual students and faculty members. The College awards Annual Maintenance Contracts (AMCs) to external agencies/private vendors for the maintenance of computers, LAN, servers, printers, projectors, scanners, laptops and biometric attendance system. Procedure for utilization of facilities: The decisions in respect to the proposals for initiating new programmes or activities in the College are taken in the staff council meetings. The decisions are then taken to the Governing Body for approval. The timetable committees evaluate the possibilities of rational and optimal use of the time and space available. Rooms of different sizes are allotted in accordance with the size of the classes. They (Building committee and Staff council committee) make recommendations periodically about the need for expanding the existing space, remodeling or reusing the existing space. Further, suggestions are made for the most efficient use of the time frame, keeping in mind the need to balance academics, cocurricular and extracurricular activities. The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The academic support facilities like library, the sports and the other platforms supporting overall development of the students like NSS or Competitive examination cell. Accession to library is permitted at the cost of the deposits as caution money. A provision of the budget for the library maintenance is made by the college management. Yearly audit is carried out in library so as to ensure the count and to weed out outdated copies. The Physical Director is incharge and responsible for all the activities with respect to games and sports. He will form a student sports committee and

<http://mrce.in/library.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	M/S S. Chandramma Educational Society Malla Reddy college of engineering	120	3600000
Financial Support from Other Sources			
a) National	Government	1178	44070000
b) International	InternationalSports	5	500000

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Competitive Exams	16/12/2018	412	Swami Vivekanand Academy
Carrer Counselling	02/07/2018	275	Andarakee Aarogyam
Remedial coaching	06/09/2018	317	Malla Reddy College of Engineering

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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	TOEFL, CRT, IELTS, GATE, GRE, GMAT, CAT etc	412	217	86	276

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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
2	2	2

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
Code Mantra, Redcarpet, Hgs and Etc	563	260	Amazon, Coss Corp, Syntel and etc	83	16

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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
2018	5	B.Tech	CSE	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY	MBA
2018	24	B.Tech	CSE	B.V.Raju Institute Of Technology	Computer Science And Engineering

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GMAT	13
GRE	59

CAT	12
GATE	0
Any Other	129
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual sports day2018	Institution level	956
Annual FEST 2018	Institution level	1444
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	MERIT	National	1	0	18Q95A0327	K. ORPOL YASHWANTH MUDIRAJ
2019	IIIRD PRIZE	National	0	1	16Q91A05E8	P. MEGHANA
2019	IIND PRIZE	National	0	1	17Q91A0524	T. SAMPATH
2018	IST PRIZE(GOLD)	Internatio nal	4	0	16Q91A03A5	ARKA BANARJEE
2019	IST PRIZE	National	0	2	17Q91A0314	SHRUTI RAMESH
2018	IIND PRIZE	National	0	1	17Q91A0314	SHRUTI RAMESH
2018	IST PRIZE(GOLD)	National	2	0	16Q91A03A5	ARKA BANARJEE
2019	MERIT	National	1	0	15Q91A03H2	A. SRIKANTH
2019	IIIRD PRIZE	National	1	0	17Q91A04C0	D. YAKUB
2019	IIIRD PRIZE	National	0	1	17Q91A0461	G. TARUN KUMAR REDDY
2019	II ND PRIZE	National	1	0	17Q91A03D4	HARSHA VARDAN
2019	IIIRD PRIZE	National	0	1	18Q95A0320	J. DIVYA
2019	IIND PRIZE	National	0	1	17Q91A0398	K. AKHILA
2019	IIND PRIZE	National	0	1	18Q95A0328	K. BALAKRIS HNA
2019	IIIRD PRIZE	National	0	1	17Q91A0501	T. SRAVIKA

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of

the institution (maximum 500 words)

MRCE provides necessary support to the council members in organizing coordinating the events. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Student members in this council can become real heroes and competent managers in future by learning all these skills. Contribution of the Student Council in Academic Administration 1. Organizing Sports Games for the students. 2. Bringing together in day to day academic activities at their level. 3. Dexterity in communicating the information between students and Teaching faculty. 4. Coordination in inviting the external guest speakers and organizing the Seminars Workshops. 5. Coordination in arranging Industrial Visits for the students. 6. Coordination in organizing Cultural events and national level technical events like Tech fest etc. ISTE Student chapter: This student chapter will provide a platform for interaction of students with professionals from higher level academic institutions, research organizations and industries by conducting conferences, faculty development programs, workshops, symposiums, guest lectures, exhibitions, technical competitions, etc. Organize invited lectures from experts on Personality Development and professional ethics. Encourage students to take up innovative project works of societal relevance and application of latest technologies for possible funding from ISTE. Encourage faculty and students to present research papers in conferences conducted across the country under the auspices of ISTE. IEEE Student Chapter Activities: Create studentfriendly information management system Diversify the IEEE Student membership to reflect IEEE's technical fields of interests and interdependent professions Operational excellence: provide SAC with training and measurable internal feedback Create activities that students are interested in Develop and deploy a strategy and plan for firstyear Student members. Create studentfriendly information management system. CSI Student Chapter Activities: Create studentfriendly information management system Diversify the CSI Student membership to reflect CSI technical fields of interests and interdependent professions Operational excellence: provide SAC with training and measurable internal feedback Create activities that students are interested in Develop and deploy a strategy and plan for firstyear Student members. Create studentfriendly information management system.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Response: The College has an Alumni Association. While rejuvenating the memories of the college, a network of old students was achieved. Today, it is the backbone of the institution. The institution rests on the rich history of the student's success and glory. Membership to the alumni association is free. Alumni association regularly meets and interacts with the management. It is the flag bearer of the developments in the institution. The Alumni organizes lectures on personality development. Over the years it has been helping in holding interactive sessions to motivate students regarding social adjustments and career seeking. The alumni also help the institution by influencing industries and other agencies in getting placements fests for the institution. The alumni has expanded and strengthened it with new enrolments. The alumni appear for NBA NAAC and their suggestions are taken into account in the academic areas to be intensified and the industry skills to be promoted. Alumni day is celebrated and their achievements are recognized. The successful alumni are selected as guests of honour for awards noon program held annually on the college campus. The Institution has a social networking page and a separate link in the website where the Alumni can register and connect to share their ideas.

5.4.2 – No. of enrolled Alumni:

649

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

1518000

5.4.4 – Meetings/activities organized by Alumni Association :

1. LAMHE'2018 Alumni meet, On 08 the July 2018 was held in MRCE Campus.
2. LAMHE'2019 Alumni meet, On 5 the January 2019 was held in MRCE Campus.

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)

Decentralization is having a significant impact on policy, planning and management of elementary education. To promote quality of education to CSE, ECE, MECH HS sections of people in academic, social, political and aiming to develop a responsible management. At the same time, decentralization is seen as a means of improving the efficiency of education system and the quality of educational services. At various levels the college grooms the leadership. Governing body, Management, Principal, Vice Principal, IQAC Members, Steering committee, teaching staff, nonteaching staff, supporting staff, student's union, student representatives, Stakeholders, Aluminies and various committees jointly empowered to propose, design, formulate and execute their plans within the frame work of governance. The Academic, Administrative, NSS, IQAC, CSE, ECE, MECH HS are working together for the smooth running and over CSE, ECE, MECH HS functioning of the college.

1. Principal Level The Governing Body delegates CSE, ECE, MECH HS the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrusts the implementation with the faculty members.

2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, cocurricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells.

Committee/cell/Coordinator Roles and responsibilities

Principal Implementation and monitoring of academic and administrative system to cater to vision and mission of the institute

Academic monitoring committee Academic development and monitoring progress of various teaching/learning processes

PG Coordinator Academic activities of PG programmes Examination committee/College Examination Officer Internal University examination activities

Research committee/Academic Research Coordinator College Academic and research activities

NSS Coordinator NSS activities of JNTUH and College Level Training placement and career counselling cell

Training and Placement activities

Entrepreneurship Development Cell EDC activities

Student welfare committee Planning, execution and supervision of activities of student association

Cultural and sports committee Planning, execution and supervision of cultural and sports activities

Student grievances redressal committee Attending and redressal of students problems

System Administration Supervision and management of CSE, ECE, MECH and HS administrative and operational functions

Accountant Management of finance and account activities Library Committee
 Management of learning resources Antiragging committee Prevention and action
 against ragging cases

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>The Institute follows the curriculum prescribed by the Jawaharlal Nehru Technological University, Hyderabad. The curriculum is well translated to the students after serious preparation as well as critical thought by the teachers concerned. The institution encourages the faculty to keep themselves updated by enrolling for the refresher courses, faculty development programmes and workshops to update their knowledge. The IQAC academic coordinator monitors and assists the staff member for effective curriculum delivery and also invites suggestion and feedback from various stake holders regarding the curriculum. More over in our college conducting value added and diploma courses in for strengthening our curriculum.</p>
Teaching and Learning	<p>Our institutions motto is to provide outcome based education. In such a way, our college vision and mission have been formulated and also it is in line with the quality policy of the institution. Jawaharlal Nehru Technological University sends Academic Schedule which consists of Commencement of Classes, Last Working Day and Commencement of End Semester Examinations. In accordance with the university academic schedule, our Principal prepares an academic schedule for every semester that helps to plan academic events in each department ? Improvement of teaching - learning process through Outcome Based Education (OBE), NPTEL, Video Conferencing etc. ? Commencement of Classes, Class Committee Meetings ? Internal assessment tests such as Midterm, Coaching Examinations, ? Submission of Log Books, Question Papers, Question bank, Result Analysis, SMS to Parents, Student mentoring Reports and Completion of Practical Record Notes. ?</p>

Association, and Professional Body activities ? Seminar Presentation, Project Review and Model viva voce ? Research and Development Activities ?

The college has the strategy of including inputs from expert of various industries and academic institutions to improve the teaching-learning process. ? Systematic deployment of the teaching using design documents, such as • Conventional lectures • Power point and Video presentations • Demonstrations and hands on training • Practical work • Special lectures by subject experts ? The course on teaching pedagogy is conducted on need basis to adopt innovation in teaching and learning. ? Special classes for slow learners to improve their performance. ? Improving the student evaluation process by following the Bloom's Taxonomy • Conducting FDP to improve our teaching learning process • Conducting Special classes for weak students • In order to improve our placement we are conducting CRT and Placement training programe

Examination and Evaluation

Our college follows the norms for Jawaharlal Nehru Technological University for examination conduction and evaluation. Internal examination is conducted for 25 of the total marks and remaining 75 is from the end semester University examination. There are two internal examination are conducted per semester. The syllabus for each internal examination is as follows: 1. First mid examination - the syllabus is First Two and of Units. 2. Second mid examination, the syllabus is remaining two and of units. 3. Improvement test is conducted if the students fail to attend the internal examination for valid reason. 4. Student's marks are informed to the students immediately after the assessments. 5. we are conducting Every week slip test and also conducting every unit, unit test 6 . Final Examination, the syllabus is all units. Both internal marks and student's attendance are uploaded in the JNTHU web portal as scheduled by the University. Central valuation is conducted by the JNTUH for the evaluation of answer script as per their norms.

Research and Development

Research and development is established to motivate the faculty and students to

promote the research and development activities. The Research and Development Cell is functioning under Dean (Research and Development) to provide support and guidance to the students and faculty members for their research activities in the thrust area. This cell motivates the faculty to enhance their qualifications towards research basis. This cell is motivate students to participate in MIC/JHUB and Hackathon. This cell also motivates the students and faculty to register for patents. The faculty members are motivated to apply for grants from funding agencies like, DRDO, TSCOST, AICTE and DST, besides encouraging them to write technical publications. Proposals from each department are forwarded to various funding agencies regularly

Library, ICT and Physical Infrastructure / Instrumentation

The library has 29753 volumes and 7125 titles and subscribes E Journal packages: JGate, ASME and Springer. Total available National Journals are 111 and International Journals are 64. Digital library with good collection of CDs, DVDs, NPTEL courses and journals is facilitated to the staff and students. We have ICT membership of Bombay IIT A digital library has good collection of e resources packages, e books, ejournals standards and proceedings, WiFi facility, spacious reading rooms and stack room. Students can use library from morning 9am to evening 8pm. General reference resources like dictionaries, thesaurus, encyclopaedia, collections of books for Higher study examinations like GATE, SAT MAT and TOEFL etc.,

Human Resource Management

This is achieved through ? Providing a better teaching learning environment in the institution ? Well defined recruitment policy based on the merit of applicant within the general frame work of the Government norms ? Holding staff development programme for junior faculties senior faculties ? Encouraging the faculty members to attend leadership training programmes ? Providing on duty to the faculty for attending seminars, symposia, workshops, conferences invited lectures and research activities ? The appointment of Faculty members is done with utmost care as the Faculty members

are the one who transform the students as skilled Engineers. Keeping this in mind the Excel Engineering College is following a systematic approach to ensure appointing the efficient/potential faculty members. ? Faculty members requirement submission to Principal by CSE,ECE,MECH HS department HOD's ? Consolidated faculty requirement submitted to Management by Principal ? Advertisement through popular News papers and our website ? Receiving applications ? Scrutinizing the applications ? Sending interview CSE,ECE,MECH HS letter to eligible candidates ? Conducting written test ? Interview by selection committee ? Issue of appointment order Promotional Policies The performance of Faculty members are monitored through performance appraisal system annually and Career Advancements. Based on their index in the criteria's followed promotions are effected as on when the vacancies arises. Guidelines for Relieving The staff members who would like to leave the institution are relieved on 3 months' notice and preferably at the end of the Academic Year. Staff members who are desirous to leave the institution on their personal ground in the middle of the academic year will have to pay 3 months' salary.

Relieving Process While a faculty member is relieved, following step by step procedure is followed. 1. Submission of Resignation to the Principal through proper channel 2. Obtaining No Dues Certificate 3. Issue of Reliving Order

Industry Interaction / Collaboration

As the ultimate aim of the education is to equip the students to meet the industrial needs, the institution has established an Industry Institute Interaction Cell. Nowadays the industry expects ready to fit in students for their requirement. For this purpose the college adapts the following activities and facilitates the experts from industry to interact the students.

Internship/ startup innovation ? Industrial visits are arranged for students time and again. ? Need based Guest lectures by Industrial Experts are arranged now and then. ? Students are insisted to approach the companies for getting internships under the guidance of Training and Placement cell

Admission of Students	<p>? The admissions of the students are strictly followed as per rules and regulation based on the Government of Telangana and AICTE norms ? 70 of the seats filled through government quota 30 by the management. Scholarships are given by government for 70 quota. ? In addition 5 of seats are allotted for Jammu Kashmir students and 15 of seats are allotted for foreign national student</p>
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	<p>The Administration of the College is functions with Egovernance system at Government, Society and College level. With the help of developed technological world college staff uses the same for administration purpose. Such as use of Smartphone with inbuilt social app like Gmail and Whats App they share the notes to students. It helps to provide the brief notice of any event to be happened on college Whats App Group for awareness and of smooth functioning of the same. The college have Biometric attendance for teaching and nonteaching staff. The college campus id equipped with CCTV Cameras at very place of need</p>
Finance and Accounts	<p>The college uses the web pros Solutions pvt., software for Egovernance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the CSE,ECE,MECH HS financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure</p>
Examination	<p>The College has the separate Examination department with equipped ITC tools necessary for examination purpose. As per the requirement of Examination department CSE,ECE,MECH HS the necessary equipments are provided by the college such as Separate Desktop and Internet Facility for online procedure of Paper Downloading and further activities for exam purpose.</p>

	The examination department has the separate Machine for printing the question papers downloaded from university portal.
Student Admission and Support	The most important key factor of the college toward the students admission. This is the one of the important thing which supports some students those are facing financial issues. The College has web pros Solutions pvt software for the admission purpose. College has extended helping counter for the students which provides them several services as such Admission form Filling, Examination form filling as well as Scholarship Form filling at one place only. This service counter protects the students from outside service centre where they need pay fees for it. The Helping counter i.e. service centre provided at college is free of cost. The College has provided the facility to the students for linking the contact number with aadhar card which was mandatory for the students as per the government rule.
Planning and Development	The vision and mission statement is uploaded on the institution website. The governing body meeting minutes and resolutions by circulation are emailed to members in addition to circulation of hard copies

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
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Two Day National Level		22/02/2019	23/02/2019	42	0

	Seminar on, Innovative Strategies To Enhance Quality of Education in Higher Education institutions (HEI) Challenges, Problems And Solutions in Line With Revised Accreditation Framework (RAF) 2019					
2019	Workshop on Digital Transformation 2019		06/03/2019	07/03/2019	32	0
2019	FDP on EMOTIONAL INTELLIGENCE for PERSONAL and PROFESSIONAL SUCCESS		23/04/2019	25/04/2019	64	0
2019	International Conference on Intelligent Computing, Information and Control Systems (ICICCS)		27/06/2019	28/06/2019	56	0
2019	Three day entrepreneurship awareness camp (EAC)		07/01/2019	09/01/2019	34	0
2019	Workshop on Effective Teaching and Learning		06/08/2019	07/08/2019	41	0

	Practices for Design and Operation of Water Supply Systems					
2019	LIVE TECHNICAL WORKSHOP ON MATLAB	LIVE TECHNICAL WORKSHOP ON MATLAB	15/07/2019	15/07/2019	25	5
2019	Engineering Challenges for Smart and Digital India: IOT and Applications		13/03/2019	13/03/2019	33	0
2019	Latest Research Trends in Information Technology, Education and Management'		15/04/2019	15/04/2019	38	0
2019	How to Double Your Memory	How to Double Your Memory	08/08/2019	08/08/2019	41	8
2019	Two day Saptahaant Shikshak Prashikshan on Introduction to Machine Learning	Two day Saptahaant Shikshak Prashikshan on Introduction to Machine Learning	26/08/2019	26/08/2019	63	14
2019	ANSYS A Summer Training program on ANSYS TOOLS	ANSYS A Summer Training program on ANSYS TOOLS	27/03/2019	27/03/2019	22	8
2019	Awareness workshop on outcome based education and accreditation		03/04/2019	03/04/2019	36	0

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
Workshop on "Nano Technology"	2	25/03/2019	29/03/2019	05
National Seminar on decolonizing the Indian mind on exploring possibilities	8	24/04/2019	26/04/2019	03
refresher course on ICT Improving Quality and Innovation in Higher Education	1	01/03/2019	15/03/2019	15
Workshop on "Isolation, separation, purification and characterization of proteins	2	25/02/2019	03/03/2019	07
Two Weeks Workshop on Signals and Systems	1	16/03/2019	29/03/2019	14
(FDP) on Advanced Antenna Pattern Synthesis and Beam forming with Computational Intelligence	2	12/11/2018	17/11/2018	06
(FDP) on Recent Trends in Power Electronics Applications in Smart Grid, Electric Vehicles and Renewable Energy	1	17/06/2019	22/06/2019	06
FDP on Smart Material Sensors in Automobile and	6	24/06/2019	25/06/2019	02

Bio Medical Applications				
ISTE Workshop on Database Management Systems	4	13/06/2019	14/06/2019	02
FACULTY DEVELOPMENT PROGRAMME ON ICT IN ADVANCED MANUFACTURING ENGINEERING	2	27/05/2019	01/06/2019	06
Short Term Training Programme on Numerical and Symbolic Computing (NSC)	2	27/05/2019	31/05/2019	05
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
152	152	24	24

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Casual and Medical Leave • On Duty • Vacation Leave • Maternity Leave scheme • Hygienic Canteen Facilities • 24x7 Hospital • Safety and Security personnel • Transport Facility 	<ul style="list-style-type: none"> • Casual and Medical Leave • On Duty • Vacation Leave • Maternity Leave scheme • Hygienic Canteen Facilities • 24x7 Hospital • Safety and Security personnel • Transport Facility 	<ul style="list-style-type: none"> • Transport Facility. • Participation in CoCurricular and Extra Curricular Activities. • Hygienic Canteen Facilities. • 24x7 Hospital. • Safety and Security personnel. • Student Counselling. • Sports and Gym Facilities. • Library Book Bank • Hostel Facilities

6.4 – Financial Management and Resource Mobilization

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

<p>Yes, the college has a well structured Mechanism of internal and external financial audit. Internal Audit: An internal approval system is in practice for CSE,ECE,MECH HS expenses made. Internal financial Audit is done by the college accounts section and the accounts department of the Trust office. External Audit: Book of accounts are prepared as per statutory requirement and audited annually By External Qualified Chartered accountants. Audit the society documents and are responsible for filing of returns with Income Tax department and other</p>

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	Funds/ Grnats received in Rs.	Purpose
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funding agencies /individuals		
OSI Technologies, Inc	48000	Project Work
View File		

6.4.3 – Total corpus fund generated

423500

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTHU Hyderabad	Yes	Internal Audit Team
Administrative	Yes	Chartered Accountant	Yes	Management

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

1. Parent Teachers Meet is conducted once in a semester to discuss about the students progress. During the Parents Teachers meeting, the detailed performances of the students are presented to the parents by the class advisors. 2. The mentors/class incharges/Year incharges are often in touch with the parents. The mentors intimate the progress of the students to the parents regularly. The absenteeism of the students to regular classes is intimated daily to the parents by the mentors over phone. 3. Additionally, when there is a disciplinary problem or if there is poor performance in the examinations, the parents are contacted over the phone and counseling is held with parents. 4. Parents are always updated with the current happenings in the college through SMS and by calling them over phone.

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

1. Permission is granted to do higher studies 2. The supporting staff members are encouraged to participate skill development programme organised by parent (or) other institutions. 3. Arranging training programmes for strengthening the knowledge 4. Provision for part time study for staff member

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

- Working with funding agencies to get funds for conducting Seminars, Workshops and Conferences
- Daily test
- Extra Classes for weak students

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
2019	AntiPlagiari sm and Intellectual Property	08/05/2019	08/05/2019	08/05/2019	64

	rights Workshop conducted by IPR attorney				
2018	Workshop on "Recent Trends in Computer Science"	13/12/2018	13/12/2018	13/12/2018	81

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
Women Help Line Scheme	01/04/2019	01/04/2019	56	0
Celebration of International Women's Day	08/03/2019	08/03/2019	150	0
Poster Making and Slogan Writing Competition for Preventing Crime Against Women	12/02/2019	12/02/2019	65	0
Workshop on Ethics and Social Circumstances	25/01/2019	25/01/2019	66	0
Girl Power & Women Empowerment - Essay Writing Competition	02/02/2019	02/02/2019	64	32
Seminar on Positive thinking	28/03/2019	28/03/2019	45	62
Gender Sensitization: An awareness programe on everyday raising issues	05/01/2019	05/01/2019	71	58
Beti Bachao Beti Padhao : An awareness campagin at Maisammaguda	22/01/2019	22/01/2019	52	44

Ujjawala : An awareness program for women and child development	27/12/2018	27/12/2018	81	36
Seminar on Women empowerment	08/03/2018	08/03/2018	110	24
Yoga & Women Exercise	21/06/2018	21/06/2018	97	33
Support To Training and Employment Program for Women (STEP)	31/12/2018	31/12/2018	43	29

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
45

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	57
Provision for lift	Yes	89
Ramp/Rails	Yes	36
Braille Software/facilities	Yes	61
Rest Rooms	Yes	56
Scribes for examination	Yes	45
Special skill development for differently abled students	Yes	30

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
2019	1	1	15/03/2019	1	She Teams Awareness Programme	Precautions which women need to take	58
2019	2	2	27/02/2019	1	vote awareness	To tell the responsibility of Indian citizenship	80

						ip by giving vote	
2019	1	1	08/03/2019	1	Womens Day	Importance of protecting girl babies and women security	76
2019	1	1	19/03/2019	2	Meet On Safe Water For Future	A talk on water safety	45
2019	2	2	20/03/2019	1	Blood Donation Camp	To donate blood and its importance for the people in need.	42
2018	1	1	24/02/2018	1	Awareness on Politics Importance	Importance of Educated People in politics	30
2018	1	1	22/06/2018	7	PMGDISHA	Pradhan Manthri Gramin Digital Saksharta Abhiyan	60
2018	1	1	15/07/2018	1	Telangana ku Haritha Haaram	Tree plantation in the nearby areas	81
2018	2	2	27/07/2018	1	Anti Ragging and Anti Drug Awareness Programme	Telling the importance of life avoid drugs	50
2018	2	2	01/08/2018	13	Swachh Pakhwada Campaign	To build clean India	45
2018	2	2	16/08/2018	1	Health Awareness Programme	To give awareness about health issues solutions	56
2018	2	2	28/09/2018	1	Swach Bharath	To build clean India	38

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

Title	Date of publication	Follow up(max 100 words)
Academic Diary 201819 for all students	13/04/2018	College has been implementing from the inception Service rules and code of conduct. These are printed books supplied to all the employees. These rules are approved by Governing Body initially. Revised rules are approved by Governing Body meeting held in 201819. The books give clear direction to follow code of conduct and punishment for violation.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Swatch Bharath	16/11/2018	16/11/2018	350
Essay writing on Tolerance and Harmony	12/09/2018	12/09/2018	114
Seminar on Teachers Day	05/09/2018	05/09/2018	276
Seminar on Nationalism	14/08/2018	14/08/2018	242
5K Run Health Day	07/04/2018	07/04/2018	356
Essay writing on United we stand Divided we fall	12/03/2018	12/03/2018	126
Blood Donation CampBlood Donor Day	14/02/2018	14/02/2018	102

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

- Use of solar energy
- Waste Segregation
- Rainwater Harvesting
- Green Practices
- Replacing tube lights with LED bulbs
- CCTV Cameras
- Water Hydrants for fire safety

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. "Academic performance and improvement of students through Collaborative Learning: A process of continuous evaluation and effective mentoring"
2. "Motivation students for Innovations and Enhancing Students Placements and motivating them for Higher Education".

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

<http://mrce.in/pdf/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

1. To provide an environment of learning in emerging technologies: Our institute providing dedicated space to engage faculty and students with emerging educational technologies while encouraging their exploration of the possibilities bring about new opportunities in teaching and learning. Our faculty members intentional and innovative in the design of informal learning spaces capture attention and promote awareness of new ideas, empowering faculty and students. Tracking and exploring new technologies while monitoring trends in teaching practices help campus respond to faculty needs in teaching and students desires for the optimal learning experience. 2. To foster networking with Alumni, Industry, Institutes of repute and other stakeholders for effective interaction. Our graduates have a strong tradition of assisting current students in their careers. As advisors, they help guide students through their experience and counsel them on future plans. Our graduates participate as guest speakers, alumni campus discussions and conferences, sharing experiences and expertise. As an integral part of annual trips and treks, alumni arrange for industry tours and host receptions for visiting students. Our advisory board one onone alumni consultations and coaching to help students gain perspective on their career paths, focus on areas of strength or concern, and get the advice they need to recalibrate, redirect, or recommit their professional energies. Either in person, on campus, or by telephone, these strictly confidential sessions is free of charge. 3. To practice and promote high standards of ethical values through societal commitment. Ethical Standards Values Our ethical standards include acceptance, fairmindedness, emotional wellness, compassion, passion, human dignity, interest and insight in maximizing a student’s learning potential. Integrity: Each of our students adheres to moral and ethical principles, and operates from a place of honesty, reliability and moral action. This expresses itself in teaching, studentteacher relationship, course design, marketing, competing with other training suppliers, and business management. Continual reflection aids our trainers in exercising integrity in their professional commitments, responsibilities, and personal development.

Provide the weblink of the institution

http://mrce.in/pdf/Institutional_Distintiveness.pdf

8.Future Plans of Actions for Next Academic Year

Innovation and Incubation Malla Reddy College of Engineering does have the policy to encourage students and faculty members for startups. To fulfill this objective institution has the committee named as "Incubation and Innovation centre" . Their goal is to help create and grow engineering and management students by providing them with necessary support and financial and technical services inside and outside the colleges as per the need. Institution organize workshop every academic year where they will have the session with the interested students and collect the new innovation ideas related to business and technology, after collecting the data concern department faculty will provide the guide line and needed support to work on it with accurate plan and strategy. Placement Cell Malla Reddy College of Engineering does have the policy to provide students college placement, that’s mean make them having the job before they leave the campus after completing their engineering or management course. The main objective of training and Placement cell is to provide personal and career related support to the students with special emphasis on training the students on employability skills and ultimately provide placement in various Industries/Organizations by arranging campus recruitment drives. In the academic

year 201819 institute had done the placement for 276 in different organization for B.Tech Students. MOU'S (Memorandum of Understanding) Malla Reddy College of Engineering does have collaboration with few organizations where institution follows the basic code of conduct to maintain a healthy business relationship. Swach Bharath Malla Reddy College Of Engineering conducts Swach Bharath Programme in surrounding areas of the institution. Students and Staff members will participate in the activity organized by college NSS team actively. NIRF RANK Malla Reddy College of Engineering has registered itself for NIRF Rank, after passing through the all requirement and matching the needed data institute ACHIEVE good NRI rank. ATAL RANK MIC from MHRD Malla Reddy College of Engineering's ACHIEVE the ATAL RANK and MHRD RANK as it does focus on research and development in the various areas of technology and management.