Annual Quality Assurance Report (AQAR) of the IQAC

(For Autonomous Colleges)

Part - A

Data of the Institution

(data may be captured from IIQA)

- 1. Name of the Institution: Malla Reddy College of Engineering and Technology
 - Name of the Head of the institution: Dr VSK Reddy
 - Designation: Principal
 - Does the institution function from own campus: YES
 - Phone no./Alternate phone no.: **040-23792146**
 - Mobile no.: 9133555162
 - Registered Email: <u>mrcet2004@gmail.com</u>
 - Alternate Email: mrcet2004@rediffmail.com
 - Address : Maisammaguda, Dhulapally, Kompally, Secunderabad 500100
 - City/Town : **Hyderabad**
 - State/UT : Telangana
 - Pin Code : **500100**

2. Institutional status:

- Autonomous Status (provide the date of Conformant of Autonomous Status): 29-04-2015
- Type of Institution: Co-education/Men/Women: Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Selffinancing: (please specify) **Self-financing**

• Name of the IQAC Co-ordinator/Director: Dr S Srinivasa Rao

• Phone no. /Alternate phone no.: **040-23035641**

• Mobile: 9346648391

• IQAC e-mail address: mrcetiqac@gmail.com

• Alternate Email address: ssrao.atri@gmail.com

3. Website address:

Web-link of the AQAR: (Previous Academic Year): https://mrcet.com/AQAR Report 2018-19.html

4. Whether Academic Calendar prepared during the year? Yes/No: YES

, if yes, whether it is uploaded in the Institutional website:

Weblink: https://mrcet.com/AcademicCalendar.html

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	Period
1 st	A	3.2	5-5-2014	from:5/5/2014	to:31/12/2020

6. Date of Establishment of IQAC: DD/MM/YYYY: 27/11/2015

7. Internal Quality Assurance System

7.1 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	
IQAC Meeting	10 August, 2019; 1 Day	25	
IQAC Meeting	4 December, 2019; 1 Day	25	
NIRF Meeting	10 July, 2019; 1 Day	25	
NIRF Meeting	08 August, 2019; 1 Day	25	
NIRF Meeting	11 September, 2019; 1 Day	25	
NIRF Meeting	12 October, 2019; 1 Day	25	
NBA Preparatory Meeting	05 July, 2019; 1 Day	225	
NBA Meeting	31 July, 2019; 1 Day	15	
NBA Meeting	10 August, 2019; 1 Day	15	
NBA Mock Inspection	28-31 August, 2019; 4 Days	162	

NBA Meeting	02 September, 2019; 1 Day	221
ISO Meeting	29 January, 2020; 1 Day	12
ATAL Rankings Meeting	15 July, 2019; 1 Day	14
ATAL Rankings Meeting	17 August, 2019; 1 Day	19
ATAL Rankings	10 October, 2019; 1 Day	34
ATAL Rankings	11 December, 2019; 1 Day	36
ATAL Rankings Meeting	31 January, 2020; 1 Day	25
Academic Audit-ECE	03 February, 2020; 1 Day	50
Academic Audit-CSE	04 February, 2020; 1 Day	54
Academic Audit-IT	05 February, 2020; 1 Day	38
Academic Audit-MECH	06 February, 2020; 1 Day	36
Academic Audit-ANE	07 February, 2020; 1 Day	24
Academic Audit-EEE	08 February, 2020; 1 Day	18
Academic Audit-H&S	10 February, 2020; 1 Day	35
Academic Audit-MBA	11 February, 2020; 1 Day	28
Academic Audit-Library	12 Febraury, 2020; 1 Day	11
Academic Audit-Sports	13 February, 2020; 1 Day	05
Academic Audit-Admin	14 February, 2020; 1 Day	15

<u>Note</u>: Some Quality Assurance initiatives of the institution are: (Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

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
MRCET	2f & 12B	UGC	09-09-2014	Not Applicable
MRCET	Autonomous Status	UGC	29-04-2015; 6 years	Not Applicable
MRCET		MSME, New Delhi	26-03-2015	43,50,000/-
MRCET	SIRO	DSIR	08-08-2017; 3 years	Not Applicable
MRCET-ECE	R&D Cell Establishment	JNTUH	17-03-2018; 3 years	Not Applicable
MRCET-ECE	MODROBS	AICTE	04-01-2019; 2 years	14,52,000/-
MRCET-ECE	Tier-I Status	NBA	1-11-2019; 3 Years	Not Applicable
MRCET-CSE	Tier-I Status	NBA	1-11-2019; 3 Years	Not Applicable
MRCET-IT	Tier-I Status	NBA	1-11-2019; 3 Years	Not Applicable
MRCET-MECH	Tier-I Status	NBA	1-11-2019; 3 Years	Not Applicable
MRCET	6-25 Band	ATAL Rankings	1 Year	Not Applicable
MRCET		GMCS Pvt.Ltd., Hyderabad	03-09-2019; 1 year	Not Applicable

- **9.** Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **YES** *upload latest notification of formation of IQAC
- 10. No. of IQAC meetings held during the year: 2

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website......Yes/No: YES

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No: NO

If yes, mention the amount: Year:

- **12.** Significant contributions made by IQAC during the current year (maximum five bullets)
 - *ATAL Rankings in 6-25 Band
 - * NBA Tier-I Accreditation for ECE, CSE, IT & MECH Branches
 - * Innovation Centre sponsored by T-HUB, Govt. of Telangana, Hyderabad
 - * Smart India Hackathon Program

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

Plan of Action **Achievements/Outcomes** The committee reviewed the work progress The Centre for Development of Communication of the International Conferences to be skills has conducted BEC Training, JAMs, Group organized during June 2019 in association Discussions, and soft skills sessions on Oral presentations, Business writing, Interview skills, with Springer publication and expressed Resume Preparation, Team building happiness. Leadership Management. The centre The committee planned to organize refresher organized sessions during semester break for course during the semester break in the enhancing faculty language ability. month of November. The International Conference in 2018 was The committee discussed and planned to organized successfully by taking assistance of organize workshops and guest lecturers in SPRINGER publications. There was highly all departments through online and in response participants. positive from the advanced areas for student/faculty Chairman of the committee appreciated the development. efforts of organizers for successfully conducting The committee reviewed and planned the the international conference. conduction of CISCO, BEC, Microsoft & Under EDC, financial assistance awareness Oracle certification Training programs program were conducted. Entrepreneurial skills during the Academic year and discussed about the current achievements development programmes were organized expert certifications. through lectures. Business The committee planned the finishing schools competitions were regularly conducted. Various Entrepreneurial skills building innovative to be organized during the year. competitions were organized. The Principal interacted with the members Through Career Guidance & Counseling cell, to organize several co-curricular activities study abroad Expo was organized with delegates like paper contest, design contest. from several Universities abroad. Students were conferences and various other competitions given personal career counseling. Ppts were and to encourage students to participated presented about higher education opportunities and improve their technical, communication, abroad and means of approach. presentation, organization and interpersonal Faculties were encouraged to take up Research and leadership skills. programs and many faculties have started Ph.D. The Committee discussed about the progress Various departments collected feedback for the of the R & D cell and the Principal advised smooth maintenance of both academic and nonthe R & D director to encourage more academic environment. effective Research, apply for Funding Many faculty publications have been done. Projects & more number of faculties to take A good number of faculties have attended up research and to encourage students and workshops & Refresher courses for up gradation. faculty to work together towards Research. the New MOUs have been established. The Committee discussed about activation of IIPC and expressed happiness New Consultancy projects have been taken up. Workshops and Guest Lectures on advanced about the progress. The Principal advised topics of relevant fields were organized for all the Director, IIPC to establish more MOUs

departments.

Many co-curricular Competitions like paper

contests, design contests, Essay Writing, Debate,

of students.

with Reputed Organization for development

The EDC activities were discussed and

- planned about the activities to be organized during the year. The Principal advised the head, EDC to organize more entrepreneur skill development programs.
- The Activities of Career Guidance & Counseling cell were discussed and the Principal suggested to provide personal career counseling to each student from time to time and streamline their ideas and competence.
- ➤ The committee In charges briefed about the status of preparation of interaction with students, parents, alumni and staff.
- The activities of the academic committee were discussed and reviewed.
- The Counseling and monitoring cell committee activities were discussed and the Principal suggested conducting personal counseling at least twice every semester to motivate the students and monitor their progress.
- The Examination coordination committee activities were discussed and result analysis was presented.
- ➤ Review of the status of Centre of Excellence in each Department.
- The Library Committee activities were discussed and the Principal advised the committee members to upgrade the Library facilities constantly with latest e-journals, magazines and e-books and more number of titles and number of books and also to encourage reader ship among the students.
- The Training and Placement cell committee activities were discussed and the Principal suggested the committee members to arrange effective CRT programs aimed towards maximum number of placements.
- ➤ The feedback on Institutional collected from stake holders like students. parents and alumni was discussed and the committee expressed happiness over the findings planning was done constantly gather the feedback improvement.
- The Principal suggested the members to constantly update the Institutional database

- Quiz and Elocution were organized.
- Extension activities of various clubs were appropriately coordinated.
- ➤ Initiatives were taken to strengthen the Career Guidance and Placement Cell.
- LCD projectors in every class rooms are being effectively used to deliver quality lectures.
- Course files and lab manuals have been prepared for effective institution.
- Merit Scholarships for 1st& 2nd rank holders and Young Engineers Award for best performers in final year were given to encourage quality improvement.
- New volumes and titles & E-books and Journals have been added to the Library.
- Counseling was done minimum twice in the semester based on LOGB report analysis of each student personally. All counseling details were documented in the counseling Registers regularly.
- Finishing schools were organized in all departments.
- Employability skills Enhancement training programs are conducted regularly.
- Mock Interviews were organized regularly for all and many for IV years.
- Project based training programs were conducted for all students.
- Under NSS Unit Blood donation Camp, Dental Health checkup camp & GO-Green plantation Program were conducted.
- Personality Development Programs were organized in association with Rama Krishna Matt, by Swamy Bodhamayanandaji twice by Dr.B.V.Pattabhiram & Prof.Vishwanatham
- Documentation and filing was constantly updated as per NAAC and ISO.
- ISO Audit was held and ISO Certification was renowned.
- Effective CRT Programs and Company specific Training programs were conducted for improving placements.
- Feedback from stakeholders was taken and significant measures were implemented to improve the infrastructural inadequacies to ensure an appropriate learning environment.
- BEC, CICSO, Microsoft and Oracle certification

through Bees software for easy and prompt dissemination of student progress to parents. She also suggested the Library members to maintain the Library Database efficiently for. better benefit.

- The Committee planned to organize various personality development programs association with Brahmakumari Samajam, Ramakrishna matt through centre for Human Excellence. Prof Vishwanadham by Retd.OU professor and motivational speaker, also through other motivational speakers and also by presenting videos and ppts on Personality development.
- NSS activities were discussed and planned. committee The decided organize plantation programs, Blood donation camps, Dental checkup camps and also to donate money to financially weak students for education through **MRCET** welfare Association Social to inculcate Responsibility in the students.
- ➤ The Principal also advised the members to regularly update all the documentation as per ISO norms.
- ➤ The Principal advised the members to constantly monitor and review whether all the existing quality parameters as per NAAC and ISO are being observed and showing progress, as they would help in setting the highest quality standards.
- ➤ Director, academics discussed the academic results and highlighted the analysis and action plan for improvement in results.

training programs were conducted as per schedule and many students completed the certification.

- **14.** Whether the AQAR was placed before statutory body? Yes /No: **YES**Name of the Statutory body: NAAC Date of meeting(s):04/12/2019
- **15.** Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: NO Date:--

16. Whether institutional data submitted to AISHE: Yes/No: YES

Year: 2019-20 Date of Submission: 27/02/2020

17. Does the Institution have Management Information System?

Yes/No: YES

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

MRCET MIS provides suite of application for complete management of the college. The MIS suite consists of a bundle of extensive and powerful features, which helps each area of the educational system from student / parent level to the management level. It consists of a series of modules which integrates each and every activity of the campus to a single data server.

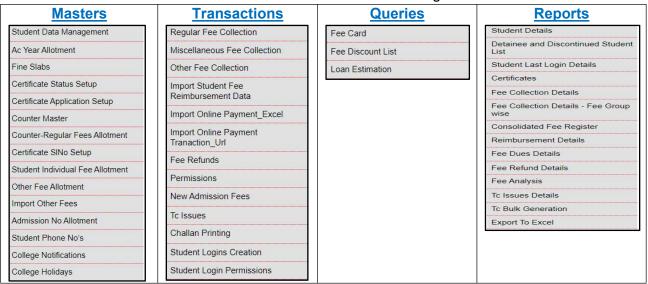
We at MRCET implements Outcome-Based Education which means clearly focusing and organizing everything in a systematic way which is essential for all students to be successfully at the end of their learning experiences.

The following are the list of modules that are currently operational:



1) Administration

The administration module consists of the following sub-modules.



2) Academics

The academic module consists of the following sub modules

<u>Masters</u>	Transactions	Queries	Reports
Roll List	Daily Attendance Entry	Subject Vs Employee Deatils	Elective Subject Allotment Report
Hour Management	Extra Classes	Eventwise Student List	Parent Report
Curriculum Management	Event Attendance Entry	Attendance Registers	Cumulative Attendance Report
Import Subject Data	Attendance Block Dates	Attendance Summary	Attendance Shortage Report
Subjects Management	Promotions		Monthly Attendance Report
Section Management	Semwise Attendance Finalization		Absentees Summary
Lab Batch Management Subject Handling Details	Sernwise Attendance Finalization		Program Wise Attendance Summary Report
Class Time Table			Student Attendance Details
Academic Calendar			Daywise Absent CheckList
Edit Attendance Date			Lecturer Feedback Results
Lecturer Feedback			
Event Category Master			

3) Exam Cell

The exam cell consists of the following sub modules.

<u>Masters</u>	<u>Transactions</u>	Queries	Reports
Marks Setup	Best Average Calculation	Exam	Supplementary Students List
Grades Setup	External Marks Entries	Summary	Passed Students
HallTicketDownloading Setup	Mid Marks	Sheet View	Toppers List
Exam Fee Counter Master	Regular Exam Fee Collections		Tabulation Register
	Supply Exam Fee Collections		CummulativeGPAReport
Exam Months Setup	Supply Registration		Exam Fee Collection
Internal Exam Master			Analysis Report
External Exam Fees Setup	Re-Evaluation		University Examination
External Exam Fee Collection	Project Exam Fee Collections		
Dates Setup	Import Final External Marks		
Best Average Setup	Final Result Processing/Declaration		

4) Placements

The Placement module consists of the following sub modules

Masters	Transactions	Queries	Reports
Company Master	Result Entry		Company Recruitment & Job

Company Master	
Placement Announcements	
Company Recruitment Process	

Company Recruitment & Job Role
Registered Student List
Placed Students Data with Different
Companies
Companywise Placed Students
Placed and Unplaced Placement
Analysis
Branchwise Placement Analysis
Placed List
Companywise Selection Analysis
Report
Programwise Placement Analysis

5) Library

The Library module consists of the following sub modules.

<u>Masters</u>	<u>Transactions</u>	Queries	Reports
Rack Master	Purchase Requisition	Query On Books	Accession Register
Category Master	Enquiry	Query On CDs	Books/CDs/BVRs/Journals Details
Currency Master	Acquisitions	Query On Back Volumes	Due Books/CDs/BVRs
Schedule Master	Subscriptions	Query On Requisition	Missed Books/CDs/BVRs
Vendor Master	Magazine Entries	Query On Enquiry	Fine Collection Report
Title Master	Circulation	Query On Purchase Order	Purchase Analysis
Author Master	Binding	Query On Subscription	
Publisher Place Master	Withdrawals	Pending Magazines	Material Statistics
Publisher Master	Purchase Bill Entries		Print BarCodes
Media Master	Correction - Book Det.	Subscription Reminder	Call No Based Reports
Accession Register	Change Call No.	Query On Circulation	Circulation Report
Non-Book Materials	OPAC	Books/CD/BVR on Circulation	Books Cost Analysis
Magazine Master		Books/BVR on Binding	Stock Verification
Periodical Back Volume Register		Best Reader/Book	
Library Fine Setup		Books Det-Search	Binding Books Details
Library Setup			Missing Acc No.s
Member Library Code			Member Details
Generate AccNo BarCode			Branchwise Book Details

6) Payroll

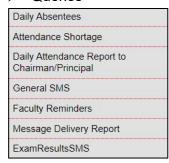
The Payroll module consists of the following sub modules.

<u>Masters</u>	<u>Transactions</u>	Queries	Reports
Report Print Settings	Loan Allotment		Employee Details
Employee Data Management	LIC Allotment		Staff Last Login Details
Employee Data Management	Daily Attendance		Employee Attendance Details
Leaves Allotment	Leave/Late/Permission Details		Leave Details
Pay Structure of Employee	Staff Logins		LOP/Late/Permission Det
Pay Allotment	Staff LogOuts		
Late/Permission Setup	Payroll Generation		LIC Details
*	Faculty Logins Creation		Loan Details
HoliDay Master	Faculty Login Permissions		Leave Register
	Block Faculty Logins		Payroll Generation
			Annual Salary Statement
			Annual PF Statement
			PayStatements
7) CMC			

7) **SMS**

The SMS Module consists of the following sub module

Queries



8) ID Cards

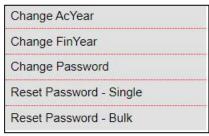
The ID Cards module consists of the following sub modules

<u>Student</u>	<u>Staff</u>
ID Cards (Single)	ID Cards (Single)
ID Cards (Branchwise)	ID Cards (Dept. wise)
Bus ID Cards	
Hostel ID Cards	
Week End Bus Pass	
ID Card Issue Details	

9) Utilities

The Utilities module consists of the following sub modules

Transactions



10) Security

Extended Profile of the Institution: 2019-20

1. Programme:

1.1 Number of programs offered during the year:

Year	2019-20
Number	13

2. Student:

2.1 Total Number of students during the year:

Year	2019-20
Number	4133

2.2 Number of outgoing / final year students during the year:

Year	2019-20
Number	1162

- **2.3** Number of students appeared in the examination conducted by the Institution during the year:(2019-20): **4133**
- 2.4 Number of revaluation applications during the year: 164

3 Academic

3.1 Number of courses in all programs during the year:

Year	2019-20
Number	444

3.2 Number of full-time teachers during the year:

Year	2019-20
Number	277

3.3 Number of sanctioned posts during the year:

Year	2019-20
Number	277

4 Institution:

4.1 Number of eligible applications received for admissions to all the programs during year:

Year	2019-20
Number	3425

4.2 Number of seats earmarked for reserved category as per GOI/State Govt rule during the year:

Year	2019-20
Number	510

- 4.3 Total number of classrooms and seminar halls: 80(72+8)
- **4.4** Total number of computers in the campus for academic purpose: <u>1650</u>
- 4.5 Total Expenditure excluding salary during the year (INR in Lakhs):

Year	2019-20
Expenditure	Rs 9,51,67,821/-