

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: mrcet2004@gmail.com
- 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)/
Self financing: (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: mrcetiqa@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_2017-18.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	08 August, 2018; 1 Day	25
IQAC Meeting	03 December, 2018; 1 Day	25
NIRF Meeting	12 July, 2018; 1 Day	25
NIRF Meeting	04 August, 2018; 1 Day	25
NIRF Meeting	17 September, 2018; 1 Day	25
NIRF Meeting	10 October, 2018; 1 Day	25
NBA Preparatory Meeting	10 July, 2018; 1 Day	225
NBA Meeting	30 July, 2018; 1 Day	15
NBA Meeting	08 September, 2018; 1 Day	221
ATAL Rankings Meeting	12 July, 2018; 1 Day	14

ATAL Rankings Meeting	18 August, 2018; 1 Day	19
ATAL Rankings	16 October, 2018; 1 Day	34
ATAL Rankings	10 December, 2018; 1 Day	36
ATAL Rankings Meeting	28 January, 2019; 1 Day	25
Academic Audit-ECE	11 February, 2019; 1 Day	50
Academic Audit-CSE	12 February, 2019; 1 Day	54
Academic Audit-IT	13 February, 2019; 1 Day	38
Academic Audit-MECH	14 February, 2019; 1 Day	36
Academic Audit-ANE	15 February, 2019; 1 Day	24
Academic Audit-EEE	16 February, 2019; 1 Day	18
Academic Audit-H&S	18 February, 2019; 1 Day	35
Academic Audit-MBA	19 February, 2019; 1 Day	28
Academic Audit-Library	20 February, 2019; 1 Day	11
Academic Audit-Sports	21 February, 2019; 1 Day	05
Academic Audit-Admin	22 February, 2019; 1 Day	15

Note: 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	Business Incubation Centre	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	NBA Status	NBA	26-10-2016; 3 Years	Not Applicable
MRCET-CSE	NBA Status	NBA	26-10-2016; 3 Years	Not Applicable
MRCET-IT	NBA Status	NBA	26-10-2016; 3 Years	Not Applicable
MRCET-ANE	NBA Status	NBA	26-10-2016; 3 Years	Not Applicable
MRCET-ECE	MODROBS	AICTE	04-01-2019; 2 years	14,52,000/-
MRCET	6-25 Band	ATAL Rankings	1 Year	Not Applicable
MRCET	ISO 9001:2015	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)

***Best National Rankings**

* **Organized International Conference ICSCSP 2018 in association with Springer**

* **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
<ul style="list-style-type: none"> ➤ The committee planned to organize refresher course during the semester break in the month of November. 	<ul style="list-style-type: none"> ➤ The Centre for Development of Communication skills has conducted BEC Training, JAMs, G.Ds, and soft skills sessions on Oral presentations, Business writing, Interview skills, Resume Preparation, Team building and Leadership Management. The centre also organized sessions during semester break for enhancing faculty language ability.
<ul style="list-style-type: none"> ➤ The committee planned to organize workshops and guest lecturers in all departments in advanced areas for student development. 	<ul style="list-style-type: none"> ➤ Under EDC, financial assistance awareness program were conducted. Entrepreneurial skills development programmes were organized through expert lectures. Business plan competitions were regularly conducted. Various Entrepreneurial skills building innovative competitions were organized.
<ul style="list-style-type: none"> ➤ The committee reviewed and planned the conduction of CISCO, BEC, Microsoft & Oracle certification Training programs during the Academic year and discussed about the current achievements in certifications. 	<ul style="list-style-type: none"> ➤ Through Career Guidance & Counseling cell, study abroad Expo was organized with delegates from several Universities abroad. Students were given personal career counseling. Ppts were presented about higher education opportunities abroad and means of approach.
<ul style="list-style-type: none"> ➤ The committee planned the finishing schools to be organized during the year. 	<ul style="list-style-type: none"> ➤ Faculties were encouraged to take up Research programs and many faculties have started Ph.D.
<ul style="list-style-type: none"> ➤ The committee reviewed and planned the conduction of CISCO, BEC, Microsoft & Oracle certification Training programs during the Academic year and discussed about the current achievements in certifications. 	<ul style="list-style-type: none"> ➤ Chairman of the committee appreciated the efforts of organizers for successfully conducting the international conference.
<ul style="list-style-type: none"> ➤ The committee planned the finishing schools to be organized during the year. 	<ul style="list-style-type: none"> ➤ Various departments collected feedback for vthe smooth maintenance of both academic and non-academic environment.
<ul style="list-style-type: none"> ➤ To organize several co-curricular activities like paper contest, design contest, conferences and various other competitions and to encourage students to participated and improve their technical, communication, presentation, organization and interpersonal and leadership skills. 	<ul style="list-style-type: none"> ➤ Many faculty publications have been done. ➤ A good number of faculties have attended workshops & Refresher courses for up gradation. ➤ New MOUs have been established. ➤ New Consultancy projects have been taken up. ➤ Workshops and Guest Lectures on advanced topics of relevant fields were organized for all departments.
<ul style="list-style-type: none"> ➤ To encourage more effective Research, apply for Funding Projects & more number of faculties to take up research and to encourage students and faculty to work together towards Research. 	<ul style="list-style-type: none"> ➤ Many co-curricular Competitions like paper contests, design contests, Essay Writing, Debate, Quiz and Elocution were organized.
<ul style="list-style-type: none"> ➤ To arrange effective CRT programs aimed towards maximum number of placements. 	<ul style="list-style-type: none"> ➤ Extension activities of various clubs were appropriately coordinated. ➤ Initiatives were taken to strengthen the Career Guidance and Placement Cell.
<ul style="list-style-type: none"> ➤ To constantly update the Institutional database through Bees software for easy and prompt dissemination of student progress to parent's 	<ul style="list-style-type: none"> ➤ 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.
<ul style="list-style-type: none"> ➤ The Committee planned to organize various personality development programs in association with Ramakrishna matt through centre for Human Excellence, by Dr. B.V. Pattabhiram-the Renowned Motivational speaker & Psychologist, also through other motivational speakers and also by presenting videos and ppts on Personality development. 	<ul style="list-style-type: none"> ➤ 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.

<p>➤ The committee decided to organize plantation programs, Blood donation camps, Dental checkup camps and also to donate money to financially weak students for education through MRCET welfare Association to inculcate Social Responsibility in the students.</p>	<p>➤ 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 renewed. ➤ 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 training programs were conducted as per schedule and many students completed the certification.</p>
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14. Whether the AQAR was placed before statutory body? Yes /No: **YES**

Name of the Statutory body: NAAC Date of meeting(s): **03/12/2018**

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: **2018-19**

Date of Submission: **25/02/2019**

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.

- 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 readership among the students.

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



1) Administration

The administration module consists of the following sub-modules.

<u>Masters</u>	<u>Transactions</u>	<u>Queries</u>	<u>Reports</u>
Student Data Management	Regular Fee Collection	Fee Card	Student Details
Ac Year Allotment	Miscellaneous Fee Collection	Fee Discount List	Detainee and Discontinued Student List
Fine Slabs	Other Fee Collection	Loan Estimation	Student Last Login Details
Certificate Status Setup	Import Student Fee Reimbursement Data		Certificates
Certificate Application Setup	Import Online Payment_Excel		Fee Collection Details
Counter Master	Import Online Payment Transaction_Url		Fee Collection Details - Fee Group wise
Counter-Regular Fees Allotment	Fee Refunds		Consolidated Fee Register
Certificate SIno Setup	Permissions		Reimbursement Details
Student Individual Fee Allotment	New Admission Fees		Fee Dues Details
Other Fee Allotment	Tc Issues		Fee Refund Details
Import Other Fees	Challan Printing		Fee Analysis
Admission No Allotment	Student Logins Creation		Tc Issues Details
Student Phone No's	Student Login Permissions		Tc Bulk Generation
College Notifications			Export To Excel
College Holidays			

2) Academics

The academic module consists of the following sub modules

<u>Masters</u>	<u>Transactions</u>	<u>Queries</u>	<u>Reports</u>
<ul style="list-style-type: none"> Roll List Hour Management Curriculum Management Import Subject Data Subjects Management Section Management Lab Batch Management Subject Handling Details Class Time Table Academic Calendar Edit Attendance Date Lecturer Feedback Event Category Master 	<ul style="list-style-type: none"> Daily Attendance Entry Extra Classes Event Attendance Entry Attendance Block Dates Promotions Semwise Attendance Finalization 	<ul style="list-style-type: none"> Subject Vs Employee Deatils Eventwise Student List Attendance Registers Attendance Summary 	<ul style="list-style-type: none"> Elective Subject Allotment Report Parent Report Cumulative Attendance Report Attendance Shortage Report Monthly Attendance Report Absentees Summary Program Wise Attendance Summary Report Student Attendance Details Daywise Absent CheckList Lecturer Feedback Results

3) Exam Cell

The exam cell consists of the following sub modules.

<u>Masters</u>	<u>Transactions</u>	<u>Queries</u>	<u>Reports</u>
<ul style="list-style-type: none"> Marks Setup Grades Setup HallTicketDownloading Setup Exam Fee Counter Master Exam Months Setup Internal Exam Master External Exam Fees Setup External Exam Fee Collection Dates Setup Best Average Setup 	<ul style="list-style-type: none"> Best Average Calculation External Marks Entries Mid Marks Regular Exam Fee Collections Supply Exam Fee Collections Supply Registration Re-Evaluation Project Exam Fee Collections Import Final External Marks Final Result Processing/Declaration 	<p>Exam Summary Sheet View</p>	<ul style="list-style-type: none"> Supplementary Students List Passed Students Toppers List Tabulation Register CummulativeGPAReport Exam Fee Collection Analysis Report University Examination

4) Placements

The Placement module consists of the following sub modules

<u>Masters</u>	<u>Transactions</u>	<u>Queries</u>	<u>Reports</u>
<ul style="list-style-type: none"> Company Master Placement Announcements Company Recruitment Process 	<p>Result Entry</p>		<ul style="list-style-type: none"> 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>	<u>Queries</u>	<u>Reports</u>
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	Material Statistics
Publisher Place Master	Withdrawals	Pending Magazines	Print BarCodes
Publisher Master	Purchase Bill Entries	Subscription Reminder	Call No Based Reports
Media Master	Correction - Book Det.	Query On Circulation	Circulation Report
Accession Register	Change Call No.	Books/CD/BVR on Circulation	Books Cost Analysis
Non-Book Materials	OPAC	Books/BVR on Binding	Stock Verification
Magazine Master		Best Reader/Book	Binding Books Details
Periodical Back Volume Register		Books Det-Search	Missing Acc No.s
Library Fine Setup			Member Details
Library Setup			Branchwise Book Details
Member Library Code			
Generate AccNo BarCode			

6) Payroll

The Payroll module consists of the following sub modules.

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

7) SMS

The SMS Module consists of the following sub module

➤ Queries

Daily Absentees
Attendance Shortage
Daily Attendance Report to Chairman/Principal
General SMS
Faculty Reminders
Message Delivery Report
ExamResultsSMS

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

Change AcYear
Change FinYear
Change Password
Reset Password - Single
Reset Password - Bulk

10) Security

Extended Profile of the Institution: 2018-19

1. Programme:

1.1 Number of programs offered during the year:

Year	2018-19
Number	13

2. Student:

2.1 Total Number of students during the year:

Year	2018-19
Number	4215

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

Year	2018-19
Number	1110

2.3 Number of students appeared in the examination conducted by the Institution during the year:(2018-19): **4151**

2.4 Number of revaluation applications during the year: **162**

3 Academic

3.1 Number of courses in all programs during the year:

Year	2018-19
Number	458

3.2 Number of full-time teachers during the year:

Year	2018-19
Number	281

3.3 Number of sanctioned posts during the year:

Year	2018-19
Number	281

4 Institution:

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

Year	2018-19
Number	2800

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

Year	2018-19
Number	494

4.3 Total number of classrooms and seminar halls: 76(70+6)

4.4 Total number of computers in the campus for academic purpose: 1520

4.5 Total Expenditure excluding salary during the year (INR in Lakhs):

Year	2018-19
Expenditure	Rs 7,46,95,901/-