

**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
**HYDERABAD, TELENGANA, 500100, 09348161125(M), 040-64634231**

**Website: [www.mrec.ac.in](http://www.mrec.ac.in)**

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**ANNUAL QUALITY ASSURANCE REPORT**  
**(2016-17)**

**SUBMITTED TO:**  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
**BANGLORE: 560072**



**The Annual Quality Assurance Report (AQAR) of the IQAC**

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

## Part – A

AQAR for the year (*for example 2013-14*)

2016-17

### 1. Details of the Institution

1.1 Name of the Institution

Malla Reddy Engineering College (Autonomous)

1.2 Address Line 1

Maisammaguda, Dhulapally

Address Line 2

Post Via Kompally

City/Town

Secunderabad

State

Telangana

Pin Code

500100

Institution e-mail address

principal@mrec.ac.in

Contact Nos.

09348161125

Name of the Head of the Institution:

**Dr S. Sudhakara Reddy**

Tel. No. with STD Code:

040 64634231

Mobile:

09348161125

Name of the IQAC Co-ordinator:

**Dr. T V Surendharnath Reddy**

Mobile:

09440361207

IQAC e-mail address:

iqac@mrec.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

TSC0GN14072

OR

1.4 NAAC Executive Committee No. & Date:

F.19.26/EC(SC-8)/DO/2015/1.2, Dated:26<sup>th</sup> June 2015

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address:

www.mrec.ac.in

Web-link of the AQAR:

http://www.mrec.ac.in/aff\_naac.aspx

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.01	2010	5
2	2 <sup>nd</sup> Cycle	A	3.2	2015	5
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC: DD/MM/YYYY

01/07/2010

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ 2015-16 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

### 1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

MBA

### 1.11 Name of the Affiliating University (for the Colleges)

JNTUH, Hyderabad

### 1.12 Special status conferred by Central/ State Government-- UGC

Autonomy by State/Central Govt. / University UGC (Central Govt)

University with Potential for Excellence

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UGC-CPE

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DST Star Scheme	---	UGC-CE	---
UGC-Special Assistance Programme	---	DST-FIST	---
UGC-Innovative PG programmes	---	Any other ( <i>Specify</i> )	---
UGC-COP Programmes	---		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	3
2.2 No. of Administrative/Technical staff	2
2.3 No. of students	1
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and community representatives	2
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	0
2.9 Total No. of members	11
2.10 No. of IQAC meetings held	2
2.11 No. of meetings with various stakeholders:	No. 07 Faculty 08
	Non-Teaching & Staff Students 04 Alumni 02 Others 02
2.12 Has IQAC received any funding from UGC during the year?	Yes No
If yes, mention the amount	--- <input type="checkbox"/> <input checked="" type="checkbox"/>

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. To encourage faculty members to generate resource by way of submitting research projects and undertaking consultancy and extension activities.
2. The Office has been largely computerized with online UPS system and LAN Connectivity provided to a central Server
3. Proposal to improve infrastructure of the library, purchasing of Books and journals which was implemented by the Management
4. MOUs with several Academic and Industries bodies
5. To enhance students amenities and facilities and to encourage students to involve in NSS and other social activities.
6. To enhance research activities.
7. The campus is Wi-Fi enabled to enable students to access internet freely. Internet band width has also been increased to 100 mbps increasing the speed.
8. The library is completely automated and equipped with digital Library and also NPTEL e-learning resources

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Micro-level observation of individual student's needs.	Broadening the thought process and improving grades.
There is need for senior faculty to encourage / groom up young faculty	The Institution encouraging senior faculty members educating the young faculty for research and consultancy
Regular FDP , Seminars and workshops to be conducted	Achieved
To organize Several Extension Programmes as a part of social responsibility.	Organized awareness program on save water , Demonetization,.

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

**Part – B**  
**Criterion – I**

**I. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	07	-	07	
UG	07	-	07	
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	14	-	14	
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	1+6+7=14 (MBA+M.Tech+B.Tech)

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, there is revision / update of regulation or syllabi. Every branch has its own Board of Studies as per the UGC Autonomous norms, the syllabi modified once in two years by BOS, consisting of affiliating University Nominee, 2 Subject experts from other Universities, 1 Industry representative, faculty from respective specialization, and PG Alumni from the respective specialization.

1.5 Any new Department/Centre introduced during the year. If yes, give details.  No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
339	265	42	32	-

2.2 No. of permanent faculty with Ph.D.

45
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2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
265	0	42	0	32	0	-	0	339	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	19	34	4
Presented papers	75	33	3
Resource Persons	-	1	5

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Academic Reforms with more emphasis on practical knowledge.
2. Introduced Audit Courses like - NSS & Sports, Law for Engineers and Foreign Language/Fine Arts and Mandatory Courses like Human Values and Professional Ethics.
3. Interaction with Industry for Curriculum development, student internships, joint R&D and consultancy, Student Placements and MOU's with industry.
4. Training in Professional & Communication skills for students to increase the employability. Ex: MoU with SAP through TASK (Telangana Academy for Skill and Knowledge- Run by govt. of Telangana)
5. Student Placement Cell activities - Group Discussions, Mock Interviews etc. Associated with ISB-TEP(Technology Entrepreneurship Program).
6. Approved NPTEL local Chapter.
7. e-Class rooms and e-Journals for Students
8. Conducting Remedial Classes to increase **Transition Rate**
9. College Automation
  - Online Examination Registration,
  - Online Mid - Objective Examinations and
  - Online Assignments.
10. Encouraging every faculty for attending at least **two FDPs** and publishing at least **1 paper** per academic year.
11. Internship / Finishing school has been introduced to make the students industry ready



12. Dissemination of the **result declaration** (Regular / Supplementary) **on the Student / Parent Cell Phones instantaneously** while declaring results through examination Portal.
13. Conducting Finishing School for UG & PG Courses
14. Conducted QEEE Classes in collaboration with IITs and the college is recognized as in the category of "**Committed**" colleges.
15. Providing MAT Lab (**a Multiple application implementation programming language**) training to all students at first year level itself, to apply their subject knowledge in simulation projects of 2<sup>nd</sup> to 4<sup>th</sup> year subjects.

2.7 Total No. of actual teaching days 192  
during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions), Barcoding. External Evaluation

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 56 56 56

2.10 Average percentage of attendance of students 80%

2.11 Course/Programme wise distribution of pass percentage: UG (B.Tech)

Year	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
2012-2016	CE	137	78	45	06	-	94%
	EEE	141	73	50	13	-	96%
	ME	138	59	57	12	-	92%
	ECE	137	80	42	07	-	94%
	CSE	238	93	103	24	-	92%
	IT	55	21	18	05	-	80%

PG: (M.Tech)

Year	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
2014-2016	CE(Structural Engineering)	16	04	02	-	-	37%
	CE(Transportation Engineering)	23	19	-	-	-	82%
	CE (Geo Technical)	13	06	01	-	-	53%
	EEE (PED)	20	11	02	-	-	65%
	EEE(CSE)						
	EEE(CS)	17	12	02	-	-	82%
	ME (TE)	11	10	-	-	-	90%
	ME (AMS)	12	05	-	-	-	41%
	ECE (VLSI)	16	09	02	-	-	63%
	ECE (ES)	22	21	-	-	-	95%
	ECE (DSCE)	11	07	-	-	-	63%
	CSE (computer science)	05	01	01	-	-	40%
	CSE (CSShft1)	13	06	-	-	-	46%
	CSE (shift2)	09	04	-	-	-	44%
	EEE(Control Design)	08	05	02	-	-	87%
EEE (EPS)	18	08	03	-	-	61%	
ME(Machine Design)	17	10	-	-	-	55%	

PG (MBA)

Year	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
2014-2016	MBA	86	28	42	-	-	82%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC organizes one meeting in each semester to evaluate the teaching and learning process. All the Head of the Departments are the members of IQAC. All the HODs take the responsibility to evaluate the teaching and learning process as per regulations.

- IQAC sets the targets of results and reviews them and suggests the remedies to overcome the non-compliances. It helps in achieving the targeted results.
- Remedial classes are conducted to make up the academically poor students.
- Seminars / Guest lectures are conducted to ignite the interest in students about the recent developments in various areas.
- Design competitions are conducted to motivate the students to design various systems.
- Campus Recruitment Training (CRT) classes and finishing schools are conducted to increase the employability of the students.
- Faculty development programmes / workshops are conducted to introduce the recent developments in a given area of science and technology to the concerned group of faculty members.
- National conferences are conducted periodically to motivate the faculty towards research. Both the faculty members and students are encouraged to participate and present papers in such conferences inside and outside the college.

#### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Yes -65
UGC – Faculty Improvement Programme	No
HRD programmes	No
Orientation programmes	Yes -40
Faculty exchange programme	No
Staff training conducted by the university	Yes -15
Staff training conducted by other institutions	Yes -17
Summer / Winter schools, Workshops, etc.	Yes -26
Others	

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	39	0	3	0
Technical Staff	46	0	3	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. IQAC initiated Research and Development cell yielded good result and the number of sponsored research projects increased from the previous year. The number of research publications also increased substantially.
2. College is procuring E-Journals 24x7 anytime from anywhere, in all engineering disciplines.
3. Experts from various industries and Universities are invited to deliver talks on recent developments and future problems.
4. Both UG & PG students are encouraged to do industry relevant project.
5. Encourages faculty members to attend workshop related to R&D activities.
6. Encourages faculty members to do Internships at Industries.
7. Encourages faculty members to increase the API scores

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	8	-	-
Outlay in Rs. Lakhs	97,000/-	19,09,500/-	-	-

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	42	7	-
Non-Peer Review Journals	69	11	-
e-Journals	17	7	-
Conference proceedings	27	21	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	02	UGC	20,06,500/-	16,23,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
<b>Total</b>	<b>02</b>	<b>UGC</b>	<b>20,06,500/-</b>	<b>16,23,000/-</b>

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	3	-	-	-
Sponsoring agencies	TEQIP - II	TEQIP - II			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations  International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>		
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="15"/>	Any other	<input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Tree plantation
- Health camp with the association of Malla Reddy Hospital.
- Aids awareness programme.
- Literacy programmes are arranged for villagers.
- Villagers are encouraged to form self-help groups to micro-finance activity.
- Created awareness among the villagers about digital transaction.
- Beti bachao beti padao
- Swach Bharat
- Jan Dhan account.
- Walk for water.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (Sq.m)	35882	1604	Self financed	37486
Class rooms	74	06		80
Laboratories	107	10		117
Seminar Halls	15	03		18
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	23	35		58
Value of the equipment purchased during the year (Rs. in Lakhs)	239.86	50.10		289.96
Others	-	-		-

#### 4.2 Computerization of administration and library

1. Computers are used extensively in administration, Library, Accounts and Examination branch with advanced software.
2. Books in the central Library are issued using bar-codes.
3. Attendance of the faculty is monitored using Bio-metric.
4. E-library facility for the students and staff, with their individual user ID they can access from any place.
5. NPTEL facility is available through LAN and through college website by individual user ID.
6. Online Tests are conducted
7. Online examination fee system was implemented.
8. Examination results are announced using Online system.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	46800	106799	5315	1122889	52115	1180283
Reference Books	2628	800445	344	142760	2972	943205
e-Books	971	Free	Free – 2 McGraw-Hill Access Engineering – 620 ASTM (Manuals & Monographs) – 855 DELNET – 724 K-hub (Engineering) – 1972	176896 (McGraw-Hill Access Engineering)	5144	176896



			Total: 4173			
Journals	561	1464916	62	322322	623	1787238
e-Journals	3100	829855	IEEE – 42 J-Gate (JET) – 586 J-Gate (JSMS) – 4538 Springer – 104 ASTM – 8 Wiley Blackwell 16 Elsevier – 313 k-hub – 5547 Total : 11154	1629433	14254	2459288
Digital Database	ASTM DL	95012	ASTM DL K-hub Engineering E-Library	ASTM - 85816 k-hub – 41650 Total: 127466	2 Packages	222478
CD & Video	3215 CDs & 4385 NPTEL Video Lectures (Phase I)	50000	190 CDs (Free with Books) & 14148 NPTEL Video Lectures (Phase II) & 838 Video Tutorials (McGraw-Hill Access Engineering) & 75 Videos (K-hub) Total : 190 CDs & 15061 Videos	Free CDs (Two 4 TB External Hard Disks Full NPTEL Video & Web Lectures – Rs. 25,600/- for the Hard Disks)	Cds/DVDs and NPTEL Video Lectures (Free Resources)  3405 CDs & 19446 Videos	75600
Others (specify)	DELNET Membership	74000	DELNET Annual Institutional Membership (Including Inter Library Loan Facility & Access to E-Resources)	11500	Two Professional Body Memberships & One Year License to eZproxy for Off Campus Access	200000
	N-LIST Membership		N-LIST Annual Institutional Membership (Includes to a wealth of e-Resources from IFFLIBNET)	5725		
	eZproxy Software to provide off Campus Access to e-resources		One Year Subscription for License	108775  Total: 126000		

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1300	21	80Mbps	2	1	10	31	--
Added	70	-	20Mbps	6	-	57	19	--
Total	1370	21	100Mbps	8	1	67	50	--

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

1. Wi-Fi facility extended to the entire campus.
2. Technology up gradation programmes to the students:
  - (a) Civil Engineering- Auto cad 3D version and Bridge design.
  - (b) Mechanical Engineering – Auto cad and Ansys
  - (c) Electronics & Communication Engineering- Automotive Electronics.
  - (d) Computer Science & Engineering- Mobile Computing and Cloud Computing.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	7
ii) Campus Infrastructure and facilities	35.16
iii) Equipments	130.54
iv) Others (Salaries)	2022.17
<b>Total :</b>	<b>2194.87</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Lab manuals and Continuous Evaluation in Laboratories.
- Identifying academically slow learners: Below 60% marks scored students will be identified and makeup classes will be arranged subject wise.
- Industrial Visit: industrial visits to the students to understand the work culture at industry and process of working.
- Finishing School concept: Giving industry oriented / Finishing School training to students from day one of their join in the campus on technical and core skills and encouraging the Students for certified courses.
- Experts and guest lecture: arranging guest lecture by subject expert and industrial person on subject related topics by each department periodically.
- Encouraging the students for sports: Not only the boys student we are encouraging the girls student as well for sports activities keeping that in mind we have recruited the lady physical director.
- Campus recruitment Training: all the students are getting training on communication skills from the day one of their joining in soft skill /aptitude/logical/ reasoning etc. also mock GD/Interview/Presentation skill which will made the students industrial ready.
- National level conferences: departments are conducting national level conference.
- Seminars and workshop: conducting regular seminars and workshop by all the departments on recent technologies for student and faculty to upgrade the technological knowledge.
- MOUs with the prominent industries and R&D establishments for student projects, placements and modification of curriculum as per the demand of industry.
- “VISHESH ” - A National level Innovative design and project expo on the Engineers day.
- “AKSHARA” - A national level student’s fest conducted every year, which include the paper presentation by students, expo and cultural activities.
- Conducted Orientation Programme for first semester students
- Awareness among students on social activities, participation in conferences, workshop, symposia

#### 5.2 Efforts made by the institution for tracking the progression

- Different committees are formed to monitor and enhance the academic performance.
- Feedback from students, parents, alumni.

- Academic audit periodically.
- Efforts are made to improve the regularity of the irregular students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3938	537	---	---

(b) No. of students outside the state

130

(c) No. of international students

-

Men	No	%	Women	No	%
	3340	74.64		1135	25.36

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1704	547	347	1877	-	4475	1704	547	347	1877	-	4475

Demand ratio: Admission done by Govt.

Dropout: 0.5%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Additional computing training.
- Soft skill training in Second and Third year.
- Finishing school concept in IV year I & II Semester.
- GMAT, GRE, CAT, TOEFL, IELTS etc. Training classes.
- Gate coaching.

No. of students beneficiaries

750

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	10	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	70

## 5.6 Details of student counseling and career guidance

For every 15 students one faculty advisor will be allotted. 1. Interact with the students every fort night. 2. Identify the weaknesses and strengths of the students. 3. Guide the respective students to overcome the weakness. 4. Based on students' ideas, the teacher will give the suggestions to succeed in career.
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No. of students benefitted

565

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
45	520	287	95

## 5.8 Details of gender sensitization programmes

<ul style="list-style-type: none"><li>• An exclusive women's cell is set up and is fully functional and it organizes various programs sensitizing students on gender and it has been and has given remarkable result.</li><li>• Encouraging girl students for more sports activities.</li><li>• Women in Engineering, opportunities and professional careers.</li><li>• Improving inherent creative and managerial skills in various fields..</li><li>• Women's day is celebrated under the guidance &amp; supervision of the women cell</li></ul>
--

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level

9

National level

-

International level

-

No. of students participated in cultural events

State/ University level

8

National level

-

International level

-

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	--	--
Financial support from government	2263	Rs 9,06,57,100 /-
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: --

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

**Vision:** To establish a reputable professional education centre to impart high quality trend setting technologies in an ambience of humanity, wisdom, intellect and innovation to nurture the students to become competent and committed professionals with disciplined ethical values.

**Mission:** Commitment to progress in mining new knowledge by adopting cutting- edge technologies to promote academic growth by offering state-of-the-art under graduate and post graduate programmes based on well-versed perceptions of global areas of specialization to serve the nation with advanced technical knowledge.

#### 6.2 Does the Institution has a management Information System

YES, the information regarding the details of all faculty, staff and students has been computerized and the required data shall be retrieved in the form required and as and when needed.

Large extent, we have BEES Software System to maintain the college level information in single database

#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

##### 6.3.1 Curriculum Development

A course coordinator is identified for each subject who shall take care of the course file, recent developments in that area and studies the feasibility of incorporating the current and recent developments in theory and practice into the curriculum

##### 6.3.2 Teaching and Learning

- Usage of LCD projectors while delivering lectures.
- Synopsis discussion at the end of each unit by means of Power point presentation to give a brief outline of the content discussed in that particular unit.
- Individual doubts of students are attended affectionately.
- Students are encouraged to meet the faculty personally and clarify their doubts.
- Using of NPTEL videos where ever possible
- QEEE classes on certain topics for students and faculty
- Online interaction with the faculty.

##### 6.3.3 Examination and Evaluation

Identifying the students with poor performance in internal evaluation and counselling them to make up their performance in the further examinations and external examinations as well.

#### 6.3.4 Research and Development

- Financial assistance is given for presenting papers in National and International conferences within India.
- Cash awards are given for the papers published in Peer-Reviewed Journals.
- Projects of students involving innovating Design, Fabrication, testing, etc. Are funded.
- Financial assistance to the faculty members to support their research work and to publish the papers.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- The college library procures a large number of books every year.
- Reference section has the capacity to accommodate 250 students with good ambiance.
- Library has been continuously subscribing National, International and e-journals in Engineering and allied disciplines.
- NPTEL videos are available for viewing.
- The library consists of digital section with internet facility.

#### 6.3.6 Human Resource Management

- Additional and more qualified faculty have been recruited to improve quality of teaching.
- Guest lectures and invited talks are arranged for both faculty and students to give exposure to new and up-coming technologies.
- Additional technicians have also been recruited to assist faculty dealing with laboratory classes and also maintenance of equipment in the laboratories.

#### 6.3.7 Faculty and Staff recruitment

The principal will obtain the staff requirement statement from all the heads of departments. Then he shall assess the staff requirement for the subsequent academic year in the month of April every year. The advertisement for the same will be notified in leading newspapers and college website.

- The Committee shall augment candidature in a ratio of 1:3 for every position to be filled, from any or all of the following sources:
- Advertisement in the News papers
- The committee shall short list the candidates in the following processes:
  - 1) Written Test in their respective specialization.
  - 2) Demonstrations
  - 3) Personal Interviews



- The committee shall finalize the short listed candidates and submit their recommendations along with the Personal data sheets/Bio data of the candidates to the Principal and the Chairman for appointment.
- An offer of appointment shall be released by the Principal.

Staff Selection Committee and University Ratification: The selection committee is laid down as per State Govt G.O.Ms.No. 14 issued, staff selection done through this process is considered as ratified by university, appointment order is released for the faculty selected after this process.

#### 6.3.8 Industry Interaction / Collaboration

MOUs with the following companies signed for sharing the knowledge between Industry and Academic Institution.

1. Reliable environmental services
2. Procad technologies
3. Vorton tech solutions pvt ltd.
4. Pooja priya engg. Works.
5. OPT integrated design solutions.
6. PGP electronics limited
7. Scientific Computing Solutions
8. hp Education Services.
9. Embedded RF Technologies.
10. Pantech Solution Pvt. Ltd.
11. JrBOTICS
12. MKR industrial automation & services

It is proposed to appoint one Professor-in-charge to co-ordinate Industry Institute Interaction.

#### 6.3.9 Admission of Students

Admission policy is made by the State Government and the college has a limited role to play in it.

A-Category seats: 70% of the seats are filled by the convener appointed by AP State Govt. Through web counseling based on TSEAMCET ranks.

B-Category Seats: The remaining 30% of the seats are filled on merit by the management as per state government guidelines. While filling the 30% quota of management seats to make more transparent: Ample publicity is given in all local news papers calling for applications from all the aspiring students.

#### 6.4 Welfare schemes for

Teaching	Free medical check up and advice.
Non teaching	-do
Students	State government scholarship in the form of full fee waiver for those whose parent's income is less than one lakh.

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes  No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA	Yes	CAC
Administrative	Yes	NBA	Yes	Administrative officer

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Grading System implemented.
- Premoderation system implemented in the Question paper setting.
- Declaration of results in the presence of University Nominee.
- Online Examination Registration
- Online Mid - Objective Examinations and Assignments.
- **QR code implemented**
- Dissemination of the **result declaration** (Regular / Supplementary) **on the Student / Parent Cell Phones** instantaneously while declaring results through examination Portal.
- **Early declaration of Results to improve** Placement & Higher studies opportunities

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University gives freedom to design academic calendar to deliver instruction, conduct examinations and also declare results.

The institution is given freedom to revise the scheme and regulations as when required.

The institution is given autonomy to have its owns courses under electives as demanded from time to time.

#### 6.11 Activities and support from the Alumni Association

- Periodic 'Get Together' meetings are conducted every year.
- Sharing the experiences of alumni brings awareness with the current students about the expectations of the industry and the skill set to be acquired by the students.
- The feedback of the alumni based on their work experience is taken for improving the academic status of MREC.
- Invite the Alumni to give guest lectures for the students.

#### 6.12 Activities and support from the Parent – Teacher Association

- Interaction with the parents helps the faculty to get a overall picture about the ward – like his physical, psychological, cultural and sports abilities and interests and weaknesses if any.
- The parent – teacher meeting will be conducted once in a semester to get the feedback in relation to the academic programme.

#### 6.13 Development programmes for support staff

- Monetary benefits like additional increments to encourage the support staff to pursue higher education.
- In house training programs are arranged to develop the communication skills (written and oral) and basic computing skills amongst the support staff.
- Faculty Development Programmes are conducted regularly.

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- Dustbins are arranged at various places to keep the campus clean and green.
- Regular tree plantation is taken up in campus as a part of NSS activity.
- Cell Phones are banned in the campus
- Campus declared no smoking zone.

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Academic Reforms with more emphasis on practical knowledge.
2. Introduced Audit Courses like – NSS & Sports, Foreign Language/Fine Arts, Law for Engineers and Mandatory Courses like Human Values and Professional Ethics.
3. Interaction with Industry for Curriculum development, student internships, joint R&D and consultancy and Student Placements, MOU's with industry.
4. Training in Professional & Communication skills for students to increase the employability.
5. Student Placement Cell activities - Group Discussions, Mock Interviews etc.
6. Associated with ISB-TEP, SAP
7. (Technology Entrepreneurship Program).
8. Approved NPTEL local Chapter.
9. e-Class rooms
10. College Automation  
– online Examination Registration, OnlineMid - Objective Examinations and Online Assignments and **QR code implementation**
11. Encouraging every faculty to attend at least 2 **FDPs** and publishing at least **1 paper** per academic year.
12. Conducting Remedial Classes to increase **Transition Rate**
13. Dissemination of the **result declaration** (Regular / Supplementary) **on the Student / Parent Cell Phones** instantaneously while declaring results through examination Portal.
14. Brief profiles along with the photos of eminent scientists in various fields are displayed in the departments.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- The college administration proposed a gradual move towards automation of issuing Bonafide and transfer certificate introduced for that.
- Paying of examination fee through online and its implemented.
- Online system is used to announce the results so that the results are directly sent to mobile phones of the parents.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Giving Guidance and Counseling to the students.
- Frequent academic audit by the senior faculty.
- Online system is effectively implemented.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Tree plantation as part of NSS activities.
- Awareness programs to reduce the usage of plastic covers.
- Talks on global warming, best practices on good Environment are arranged.
- As a part of the credit course on environmental sciences in the curriculum industry visits are arranged to bring awareness.

7.5 Whether environmental audit was conducted? Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**STRENGTHS:**

- Well Qualified, Experienced and Committed faculty.
- Infrastructure and Teaching Learning resources are quite adequate.
- The labs are fully equipped with state of art technology to meet PG and UG students' requirement.
- Sufficient computing facility is available to meet the all administration requirements of the college.

**WEAKNESSES:**

- Some of the student are from the rural background and have lack of communication skills in english
- Poor retention rate of faculty due to increased number of engineering colleges and in the region
- Lack of sufficient placements due to poor communication skills of students. •

**OPPORTUNITIES:**

- Value added courses can be introduced to improve the employability to students.

**CHALLENGES:**

- Institute is to be ready to compete with the branches established by renowned foreign universities in the near future.
- Job opportunities for all the students of Institute.
- Motivating the faculty and students to involve in research and consultancy to various government and private agencies.

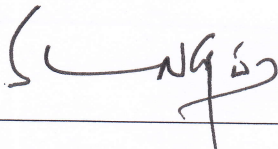
**8. Plans of institution for next year**

- .To append laboratories with some latest equipment matching with the needs of the industry and society.
- To accelerate the activities of centre of excellence so that the consultancy and Research activities can be enhanced.
- To make a proposal for deemed to be university status.
- Bio-metric attendance is introduced to the PG students
- Proposed to renovation of existing auditorium to increase the capacity of Auditorium.

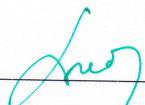
Name : Dr. T V Surendharnath Reddy

Name: Dr. S. Sudhakara Reddy

*Principal*



Signature of the Coordinator, IQAC



Signature of the **Chairperson, IQAC**  
**Malla Reddy Engineering College**  
(Autonomous)  
Malsammaguda, Dhulapally  
(Post Via Kompally), Sec'bad- 500 100

## Annexure I

### Academic Calendars for the Academic Year 2015-16.

#### ACADEMIC CALENDAR FOR IB.Tech. FOR A.Y. 2016-17 IB.Tech I Semester (MR15- 2016 Admitted Students)

EVENT	Schedule of dates	Duration
Registration & Orientation Programme	4.08.2016	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	5.08.2016 to 24.09.2016	48 Days
1 <sup>st</sup> Mid Term Examinations	26.09.2016 to 1.10.2016	6 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	3.10.2016 to 21. 1.2016	48 Days
2 <sup>nd</sup> Mid Term Examinations	22.11.2016 to 26.11.2016	5 Days
Preparation and Practical Examinations	28.11.2016 to 3.12.2016	6 Days
I Year I Semester Regular End Exams (MR15- 2016 Admitted Students)	5.12.2016 to 15.12.2016	11 Days

#### I B.Tech II Semester (MR15- 2016 Admitted Students)

EVENT	Schedule of dates	Duration
Registration & Orientation Programme	19.12.2016	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	19.12.2016 to 04.02.2017	48 Days
1 <sup>st</sup> Mid Term Examinations	6.02.2017 to 11.02.2017	6 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	3.02.2017 to 8.04.2017	54 Days
2 <sup>nd</sup> Mid Term Examinations	10.04.2017 to 18.04.2017	6 Days
Preparation and Practical Examinations	19.04.2017 to 22.04.2017	6 Days
I-II End Semester Examination (Regular)	25.04.2017 to 4.05.2017	10 Days
I-I Supplementary Examination (MR15 Regulation 2015 Admitted Students & 2016 Admitted Students)	9.05.2017 to 18.05.2017	10 Days
Commencement of Class work for II Year I Sem (MR15- 2016 Admitted Students) for the Academic Year 2017-18	12.06.2017	

**ACADEMIC CALENDAR FOR I.B.Tech. FOR A.Y. 2016-17**  
**II B.Tech I Semester (MR15)**

EVENT	Schedule of dates	Duration
Commencement of Class work of II Year I Sem for the MR15	08.08.2016	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	08.08.16 to 24.9.16	48 Days
1 <sup>st</sup> Mid Term Examinations	26.09.16 to 01.10.16	6 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	03.10.16 to 19.11.16	48 Days
2 <sup>nd</sup> Mid Term Examinations	21.11.16 to 26.11.16	6 Days
Preparation and Practical Examinations	28.11.16 to 1.12.16	4 Days
II- I Sem Regular End Exams (MR15)	03.12.16 to 19.12.16	16 Days
I- I Sem Supplementary Exams (MR15)	05.12.16 to 15.12.16	11 Days

**II B.Tech II Semester (MR15)**

EVENT	Schedule of dates	Duration
Commencement of Class work of II Year I Sem for the MR15	19.12.16	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	19.12.16 to 4.2.17	48 Days
1 <sup>st</sup> Mid Term Examinations	06.02.17 to 11.02.17	6 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	13.02.17 to 08.04.17	54 Days
2 <sup>nd</sup> Mid Term Examinations	10.04.17 to 18.04.17	6 Days
Preparation and Practical Examinations	19.04.17 to 22.04.17	6 Days
II- II Sem Regular End Exams (MR15)	24.04.17 to 08.05.17	15 Days
I- II Sem Supplementary End Exams (MR15)	25.04.17 to 04.05.17	10 Days
I-I Supplementary Exams (MR15 Regulation 2015 Admitted Students & 2016 Admitted Students )	09.05.17 to 18.05.17	10 Days
II- I Sem Supplementary Exams (MR15)	10.05.17 to 24.05.17	15 Days
Commencement of Class work for III Year I Sem (MR15)	12.06.2017	

**ACADEMIC CALENDAR FOR I.B.Tech. FOR A.Y. 2016-17**  
**III B.Tech I Semester (MR14)**

EVENT	Schedule of dates	Duration
Commencement of Class work of III Year I Sem for the MR14	08.08.2016	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	08.08.16 to 26.09.16	50 Days
1 <sup>st</sup> Mid Term Examinations	27.09.16 to 29.10.16	3 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	30.09.16 to 19.11.16	51 Days
2 <sup>nd</sup> Mid Term Examinations	21.11.16 to 23.11.16	3 Days
Preparation and Practical Examinations	24.11.16 to 26.11.16	3 Days
III- I Sem Regular End Exams (MR14)	28.11.16 to 9.12.16	12 Days
I- I Sem Supplementary Exams (MR14)	29.12.16 to 10.12.16	12 Days
II- I Sem Supplementary Exams (MR14)	13.12.16 to 24.12.16	12 Days
I- II Sem Supplementary Exams (MR14)	14.12.16 to 27.12.16	14 Days

**III B.Tech II Semester (MR14)**

EVENT	Schedule of dates	Duration
Commencement of Class work of III Year I Sem for the MR14	27.12.16	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	27.12.16 to 11.02.17	48 Days
1 <sup>st</sup> Mid Term Examinations	13.02.17 to 15.02.17	3 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	16.02.17 to 05.04.17	49 Days
2 <sup>nd</sup> Mid Term Examinations	06.04.17 to 08.04.17	3 Days
Preparation and Practical Examinations	10.04.17 to 15.04.17	6 Days
III- II Sem Regular End Exams (MR14)	17.04.17 to 28.04.17	12 Days
I- I Sem Supplementary End Exams (MR14)	18.04.17 to 29.04.17	12 Days
II- I Sem Supplementary End Exams (MR14)	1.05.17 to 12.05.17	12 Days
I- II Sem Supplementary End Exams (MR14)	02.05.17 to 13.05.17	12 Days
II- II Sem Supplementary End Exams (MR14)	15.05.17 to 26.05.17	12 Days
III- I Sem Supplementary End Exams (MR14)	16.05.17 to 27.05.17	12 Days
A) CRT Classes for Placement	05.06.17 to 17.06.17	12 Days
Commencement of Class work for IV Year I Sem (MR14)	19.06.2017	



## ACADEMIC CALENDAR FOR I B.Tech. FOR A.Y. 2016-17

### IV B.Tech I Semester (MR13)

EVENT	Schedule of dates	Duration
Commencement of Class work of IV Year I Sem for the MR13	01.06.2016	
CRT Classes	01.06.2016 – 18.06.2016	18 Days
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	20.06.2016 – 10.08.2016	8 Weeks
1 <sup>st</sup> Mid Term Examinations	11.08.2016 – 13.08.2016	3 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	15.08.2016 – 5.10.2016	8 Weeks
2 <sup>nd</sup> Mid Term Examinations	06.10.2016 – 08.10.2016	3 Days
Preparation and Practical Examinations	10.10.2016 – 15.10.2016	6 Days
IV- I Sem (MR13) Regular End Semester Exams	17.10.2016 – 28.10.2016	12 Days
IV- I Sem (MR13) Supplementary Examinations for MR11 & MR12 Regulations	17.10.2016 – 28.10.2016	12 Days
III-I Supplementary Exams for MR11, MR12 & MR13 Regulations	18.06.2016 – 29.10.2016	12 Days
I B.Tech Supplementary Exams for MR11, MR12 & MR13 Regulations	03.11.2016 – 18.11.2016	16 Days
III- II Supplementary Exams for MR11, MR12 & MR13 Regulations	04.11.2016 – 17.11.2016	14 Days
II- I Supplementary Exams for MR11, MR12 & MR13 Regulations	19.11.2016 – 01.12.2016	13 Days
II- II Supplementary Exams for MR11, MR12 & MR13 Regulations	21.11.2016 – 02.12.2016	12 Days
IV- II Supplementary Exams for MR11 Regulation	03.12.2016 – 06.12.2016	4 Days

#### IV B.Tech II Semester (MR13)

EVENT	Schedule of dates	Duration
Commencement of Class work of IV Year I Sem for the MR13	28.11.2016	
1 <sup>st</sup> spell of instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Unit	28.11.2016 – 19.01.2016	8 Weeks
1 <sup>st</sup> Mid Term Examinations	20.01.2017 – 21.01.2017	2 Days
2 <sup>nd</sup> spell of instructions for covering second half of the entire syllabus	23.01.2017 – 16.03.2017	8 Weeks
2 <sup>nd</sup> Mid Term Examinations	17.03.2017 – 18.03.2017	2 Days
Preparation and Project Viva – Voce	20.03.2017 – 24.03.2017	5 Days
IV- IISem Regular (MR13) Regular & (MR11, MR12) Supplementary Examinations	25.03.2017 – 30.03.2017	6 Days
IV- ISem Supplementary Examinations for MR11 & MR12 Regulations	31.03.2017 – 13.04.2017	14 Days
III- I Supplementary Exams for MR11, MR12 & MR13 Regulations	01.04.2017 – 15.04.2017	15 Days
III- II Supplementary Exams for MR11, MR12 & MR13 Regulations	17.04.2017 – 29.04.2017	13 Days
II- II Supplementary Exams for MR11, MR12 & MR13 Regulations	18.04.2017 – 01.05.2017	14 Days
II- I Supplementary Exams for MR11, MR12 & MR13 Regulations	02.05.2017 – 13.05.2017	12 Days
I B.Tech Supplementary Exams for MR11, MR12 & MR13 Regulations	03.05.2017 – 17.05.2017	15 Days
IV- II Supplementary Exams for MR13 Regulation	18.05.2017 – 20.05.2017	3 Days



## MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

Maisammaguda, Dhulapally, (Post via Kompally), Secunderabad – 500100  
(Approved by AICTE, New Delhi and Affiliated to JNT University, Hyderabad)  
(Accredited by NAAC with 'A' Grade and Accredited by NBA)

### ACADEMIC CALENDAR FOR A.Y. 2016-17

#### M.TECH I Semester (MR15 Regulation) (2016-17 Admitted Students)

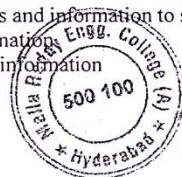
EVENT	Schedule of dates	Duration
Orientation Programme & Commencement of Class Work	19.09.2016	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	19.09.2016 to 12.11.2016	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	14.11.2016 to 19.11.2016	1 Week
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Module	21.11.2016 to 14.01.2017	8 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	16.01.2017 to 21.01.2017	1 Week
Preparation and Practical Examinations	23.01.2017 to 26.01.2017	4 Days
I Sem End Semester Examinations (Regular) (2016-Batch)	27.01.2017 to 08.02.2017	2 Weeks
I Sem (MR11, MR12, MR13, MR14 & MR15 (2015-16 Admitted students) ) Supplementary	27.01.2017 to 08.02.2017	2 Weeks
II Sem (MR11, MR12, MR13 & MR14) Supplementary	28.01.2017 to 09.02.2017	2 Weeks
Commencement of II Sem class work	13.02.2017	

#### M.TECH II Semester (MR15 Regulation) (2016-17 Admitted Students)

EVENT	Schedule of dates	Duration
Commencement of II Sem class work	13.02.2017	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	13.02.2017 to 8.04.2017	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	10.04.2017 to 17.04.2017	1 Week
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Module before Summer Vacation	18.04.2017 to 30.04.2017	2 Weeks
Summer Vacation	01.05.2017 to 04.06.2017	5 Weeks
Last Spell of Instructions After Summer Vacation	05.06.2017 to 15.07.2017	6 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	17.07.2017 to 22.07.2017	1 Week
Preparation and Practical Examinations	24.07.2017 to 26.07.2017	3 Days
II Sem End Semester Examinations (Regular) (2016-Batch)	27.07.17 to 08.08.2017	2 Weeks
II Sem (MR11, MR12, MR13, MR14 & MR15 (2015-16 Admitted students) ) Supplementary	27.07.17 to 08.08.2017	2 Weeks
I Sem (MR11, MR12, MR13, MR14, MR15(2015-16 & 2016-17 Admitted students)) Supplementary	28.07.2017 to 09.08.2017	2 Weeks
Commencement of III Sem class work	09.08.2017	

#### Copy to:

1. All HODs (with a request to display on notice boards and information to students)
2. Controller of Examinations (Autonomous) for information
3. Library, Admin, Accounts and transport sections for information
4. Pa to Principal for filing



PRINCIPAL  
PRINCIPAL  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally  
Post Via Kompally, Sec'bad- 500 100

## ACADEMIC CALENDAR FOR A.Y. 2016-17

### MBA I Semester (MR15 Regulation) (2016-17 Admitted Students)

27-12-2016

EVENT	Schedule of dates	Duration
Orientation Programme & Commencement of Class Work	19.09.2016	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	19.09.2016 to 12.11.2016	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.00 AM To 12.00 Noon	14.11.2016 to 19.11.2016	1 Week
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Module	21.11.2016 to 14.01.2017	8 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.00 AM To 12.00 Noon	16.01.2017 to 21.01.2017	1 Week
Preparation and Practical Examinations	23.01.2017 to 26.01.2017	4 Days
I Sem End Semester Examinations (Regular) (2016-Batch)	28.01.2017 to 08.02.2017	2 Weeks
Commencement of II Sem class work	13.02.2017	

### MBA II Semester (MR15 Regulation) (2016-17 Admitted Students)

EVENT	Schedule of dates	Duration
Commencement of II Sem class work	13.02.2017	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	13.02.2017 to 8.04.2017	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.00 AM To 12.00 Noon	10.04.2017 to 17.04.2017	1 Week
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Module before Summer Vacation	18.04.2017 to 30.04.2017	2 Weeks
Summer Vacation	01.05.2017 to 04.06.2017	5 Weeks
Last Spell of Instructions After Summer Vacation	05.06.2017 to 15.07.2017	6 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.00 AM To 12.00 Noon	17.07.2017 to 22.07.2017	1 Week
Preparation and Practical Examinations	24.07.2017 to 26.07.2017	3 Days
II Sem End Semester Examinations (Regular) (2016-Batch)	27.07.17 to 08.08.2017	2 Weeks
I Sem Supplementary Examinations (Regular) (2016-Batch)	09.08.2017 to 23.08.2017	2 Weeks
Commencement of III Sem class work	28.08.2017	

## ACADEMIC CALENDAR FOR A.Y. 2016-17

### M.B.A III Semester (MR15)

Date. 31-05-2016

EVENT	Schedule of dates	Duration
Commencement of Class work of MBA III SEM for the MR15	14.09.2016	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	14.09.2016 to 4.11.2016	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	5.11.2016 to 12.11.2016	8 Days
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> Module	14.11.2016 to 5.01.2017	8 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	6.1.2017 to 12.01.2017	7 Days
Preparation and Practical Examinations	16.1.2017 to 18.01.2017	3 Days
MBA III Sem Regular End Semester Examinations (MR15)	19.1.2017 to 1.02.2017	14 Days
BA/MCA III Sem Supplementary Examinations (MR11, MR12, MR13 & MR14)	19.1.2017 to 1.02.2017	14 Days
MBA/MCA I Sem Supplementary Examinations (MR11, MR12, MR13, MR14 & MR15)	20.1.2017 to 4.02.2017	16 Days
MBA/MCA II Sem Supplementary Examinations (MR11, MR12, MR13 & MR14)	6.2.2017 to 11.02.2017	6 Days
MBA III Sem Advance Supplementary Examinations (MR15)	13.2.2017 to 18.02.2017	6 Days
MBA/MCA IV Sem Supplementary Examinations (MR11, MR12 & MR13)	13.2.2017 to 16.02.2017	4 Days
MCA V Sem Supplementary Examinations (MR12 & MR13)	17.2.2017 to 20.02.2017	4 Days

### M.B.A IV Semester (MR15)

EVENT	Schedule of dates	Duration
Commencement of Class work of MBA IV SEM for the MR15	20.02.2017	
1 <sup>st</sup> Spell of Instructions for covering 1 <sup>st</sup> , 2 <sup>nd</sup> & ½ of 3 <sup>rd</sup> Module	20.2.2017 to 8.04.2017	8 Weeks
1 <sup>st</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	10.4.2017 to 15.04.2017	6 Days
2 <sup>nd</sup> Spell of Instructions for covering Modules Remaining ½ of 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Module	17.4.2017 to 30.04.2017	2 Weeks
Summer Vacation	1.5.2017 to 4.06.2017	5 Weeks
1 <sup>st</sup> Spell of Instructions After Summer Vacation	5.6.2017 to 10.07.2017	6 Weeks
2 <sup>nd</sup> Mid Term Examinations Timings: 10.30 AM To 12.30 PM	11.7.2017 to 15.07.2017	5 Days
Preparation and Practical Examinations	17.7.2017 to 19.07.2017	3 Days
MBA IV Sem Regular End Examinations (MR15)	20.7.2017 to 29.07.2017	10 Days
MBA/MCA IV Sem Supplementary Examinations (MR11, MR12, MR13 & MR14)	20.7.2017 to 29.07.2017	10 Days
MBA/MCA II Sem Supplementary Examinations (MR11, MR12, MR13, MR14 & MR15)	21.7.2017 to 2.08.2017	13 Days
MBA/MCA I Sem Supplementary Examinations (MR11, MR12, MR13, MR14 & MR15)	3.8.2017 to 10.08.2017	8 Days
MBA IV Sem Advanced Supplementary Examinations (MR15)	11.8.2017 to 17.08.2017	7 Days
MBA/MCA III Sem Supplementary Examinations (MR11, MR12, MR13 & MR14)	11.8.2017 to 19.08.2017	9 Days
MCA V Sem Supplementary Examinations (MR11, MR12 & MR13)	21.8.2017 to 23.08.2017	3 Days



**MALLA REDDY ENGINEERING COLLEGE  
(AUTONOMOUS)  
ALUMNI: SURVEY QUESTIONNAIRE**

Degree Received: <u>PG</u>		Year of Post Graduation: <u>2015</u>	
Name: <u>B. Dhandanani</u>		Signature: <u>[Signature]</u>	
Mailing Address: .....			
.....			
City: <u>Hyderabad</u>	State: <u>Telangana</u>	Pin code:	
Employment Details: <u>Designer</u>	Email:		
Company and Designation: <u>Mandeera</u>			

Dear Alumni,

For each of the Program Outcomes (a-k) given below, which of the five statements describes your understanding of your field, please include any comments.

**Q 1:** Before each statement, include the answer 1 through 5 which most closely fits this statement for you:

1: Strongly Disagree	2: Disagree	3: Neutral	<input checked="" type="checkbox"/> 4: Agree	5: Strongly Agree
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My PG education at (Institute) ..... MREC ..... has given me:

PO	Answer	Programme Outcomes
a	4	Ability to Perform standard analysis and design of structural systems following codes and modern practices.
b	3	Apply basic technical concepts to identify, analyze and solve technical problems involving structural material behavior under forces
c	4	Plan and prepare design and construction documents, such as specifications, contracts, change orders, engineering drawings, and construction schedules as per the client requirements considering economic, environmental, social, political,
d	4	an ability to work effectively on multidisciplinary teams
e	3	Determine deformations and stresses in structural systems under the action forces: gravity, wind, fire, earth pressure and flood.
f	4	Engage in lifelong learning, Understand professional, ethical and social responsibilities, Will be committed to quality, timeliness, and continuous improvement
g	4	an ability to Communicate effectively,
h	3	Estimate material quantities for technical projects & Select appropriate engineering materials and practices Conduct standardized field and laboratory testing on civil engineering materials
i	4	Utilize modern surveying methods for land measurement and/or construction layout Employ productivity software to solve technical problems
j	3	Respect diversity and possess a knowledge of contemporary professional, societal and global issues; and
k	4	Perform economic analyses and cost estimates related to design, construction, operations and maintenance of systems in the civil technical specialties


**MALLA REDDY ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

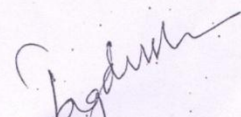
**ALUMNI FEEDBACK ANALYSIS**

S.NO	
1.	Satisfied with the Hospitality.
2.	Teaching facilities were good.
3.	We were satisfied with the knowledge provided by the teaching and nonteaching faculty.
4.	The institutional facilities were good.
5.	Everybody satisfied with stay in the college.
6.	Need to improve the skills of the students.

**CORRECTIVE ACTIONS TAKEN**

S.NO	
1.	Finishing schools, training programs, foreign language courses are introduced.

  
Incharge

  
H.O.D



**Feed Back and Analysis of student**

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)  
DEPARTMENT OF CIVIL ENGINEERING

**Students Feed back Form**

Feed Back from the Students of II B.Tech I Semester Section "A" for the Academic Year 2015-16

Ability of Teaching (indicate Numbers) Very Good: 8 to 10; Good: 6 to 8; Average: 4 to 6; Below Average: 2 to 4; Poor: zero to 2

Subjects & Faculty	MATHEMATICS- HIPANDU RAGA RAO	STRENGTH OF MATERIALS (B.VANASI KRISHNA)	FLUID MEHNICS(K.VA MSI KRISHNA)	BUILDING MATERIALS & CONSTRUCTION PLANING(G.A.NAGA SAI BABA)	SURVEYING (V.RANJITH KUMAR)	ENVIRONMENTAL STUDIES MAMATHA JAIN	SURVEYING LAB (A.NAGA SAI BABA/V.RANJITH KUMAR)	STRENGTH OF MATERIALS LAB (B.VANASI KRISHNA/K.NISH ITHA)	Total
1 Knowledge in the subject	10	1	5	10	10	0	10	1	
2 Teaching Ability	10	0	6	9	10	1	10	0	
3 Efficiency in communication	10	1	5	10	10	0	10	1	
4 Maintenance of Discipline in the Class/Lab	10	0	6	9	10	1	10	0	
5 Motivation and Encouragemnt	10	0	6	10	10	0	10	0	
6 Rapport with the students & Clarification of doubts	10	0	7	9	10	1	10	0	
7 Ability in using black board, OHP/PPT	10	1	8	10	10	0	10	0	
8 Continuity in subject teaching	10	0	9	9	10	0	10	1	
9 Regularity in taking the Class/Lab	10	1	8	10	10	1	10	0	
10 Standard of Question Paper & consistency in evaluation	10	0	6	9	10	1	10	0	
Total (100)	100	0.4	66	95	100	0.5	100	0.4	
Average (10)	10	0.4	6.6	9.5	10	0.5	10	0.4	

Any other information:

*Change the SM Faculty*


**MALLA REDDY ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**STUDENTS FEEDBACK ANALYSIS**

S.NO	Feed back on Curriculum & Institute
1.	All the students satisfied with the Complete Curriculum.
2.	The strengths of the Curriculum are Basic Core subjects, Practical sessions, Proper elective subjects, English Communications Lab etc.,
3.	Some students suggested to include the CRT classes in the part of Curriculum.
4.	Around 60-70% of the Curriculum meets the Industry needs.
5.	Suggested to improve the Labs which are suitable to the Industry needs and to conduct the certification courses as per the Industry needs.
6.	Advanced topics should be include in the Curriculum.
7.	All the students satisfied regarding institute in all aspects.

**CORRECTIVE ACTIONS TAKEN**

S.NO	
1.	In the next Academic council meeting inclusion of the CRT classes in the part of Curriculum is going to propose.
2.	Curriculum is revised according to the advanced topics, new lab experiments suitable to the industry needs.
3.	Finishing school was incorporated.

  
Incharge

  
H.O.D

## Student Feedback on Curriculum

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)  
 Maisammaguda, Dhullapally, (Post via Kompally) Secunderabad-500 100  
 Department of Electronics & Communication Engineering

Date: 20-03-12

### Feedback on Curriculum

Year / Semester: IV -II

S.No.	Particulars	Your opinion
1	Is the curriculum complete?	Yes / No
2	What are the strengths of curriculum?	1. covering all the activities in an academic year. 2. good faculty. 3.
3	Suggest three areas for improvement in the curriculum.	1. volunteering encouragement. 2. 3.
4	Is the curriculum clear and concise?	Yes / No
5	Does the curriculum contribute in resolving research questions / problems?	Yes / No
6	By what %, the curriculum meets the industry needs?	60%
7	Suggestions to improve the curriculum as per the industry needs.	1 more labs with good equipments 2 3
8	List out the interested topics in the course and why?	Micro controller, microprocessors, VSI design, AC, DC. (interesting subjects)
9	Suggest the new topic to be included in the syllabus.	robotics;
10	Any other comments.	

## Feedback by Parents

MALLA REDDY ENGINEERING COLLEGE  
(AUTONOMOUS)  
Maisammaguda, Dhulapally, (Post via Kompally), Secunderabad – 500100

Dear Parents

The decade old MREC, the first of its kind in the state of Andhra Pradesh provides more than just an education. It provides all facilities for its students to turn entrepreneurs and professionals. Since its inception in 2002, it has tried to pursue excellence in everything it touches-whether academic, infrastructural or environmental. Over the years the college has attracted top students reaffirming the trust of the parents despite numerous handicaps. Here are some of the questionnaire for giving feedback about our institute and its system.

You are requested to give marks in the box provided against each item as per the following norms.

PRINCIPAL, MREC (Email:mrec.2002@gmail.com)

### FEEDBACK FORM FOR PARENTS (CONFIDENTIAL)

Name of the Parent : K. Venkateswarlu  
Present Postal address & Mobile, Mallikarjuna Residency, Flat No = 102,  
Number : Near grampanchayat, NIZAMPET (village), Quthubullapur (mandal)  
R.R (dist) . pincode: 500090 phno = 9848191421

Name of the child: Karasala Saigopi Branch: civil-B

1. Are you satisfied with the student discipline of the college Yes / No  Yes / No
2. Does your ward/institute regularly informs you about her/his performance: Yes / No  Yes / No
3. Are you satisfied with the quality of teaching offered by the college. Yes / No  Yes / No
4. The extent to which the following facilities of MREC satisfies you  
Extracurricular    Medical    Hostel     Library    Transport  
Counselling & Guidance    Canteen    Internet facilities
5. Are the faculty inform you about your ward regularly : Yes / No  Yes / No
6. Are you satisfied with the examination system adopted in the institute? Yes / No  Yes / No
7. Please give your valuable suggestions for improvement of the college.

In the campus, all the students English will helpful for them every student.

should talk in so lot for  
K. Venkateswarlu  
Signature of the parent.


**MALLA REDDY ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**PARENTS FEEDBACK ANALYSIS**

S.NO	
1.	All most all the students are satisfied with the Discipline of the college.
2.	Some students not informed about their performance regularly to their parents.
3.	All the parents were satisfied with the Quality of teaching offered by the college.
4.	All the parents were satisfied with the Examination system adopted in the institute.
5.	Most of the parents suggested that the communication skills of the students should be improved and also to get campus placements to the students.
6.	More number of companies should bring for campus placements.
7.	On average all the facilities of MREC like Medical, Hostel, Library, Transport, Counselling, Guidance, Canteen are satisfactory.

**CORRECTIVE ACTIONS TAKEN**

S.NO	
1.	The performance of the wards are informing through SMS like Result analysis, Attendance etc.,
2.	A new software called 'BEES' is introduced in the exam branch of MREC through which the results of the students directly intimating to their parents mobile numbers.
3.	CRT classes are conducting to improve the communication skills.
4.	Conducting Job melas, campus drives more frequently.

  
Incharge

  
H.O.D

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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