



Estd.2002

Malla Reddy Engineering College (Autonomous)



(An Autonomous institution, Autonomy granted by UGC and Approved by AICTE, New Delhi and Govt. of TS & affiliated to JNTUH, Re-accredited by NAAC with 'A' Grade, Reaccredited by NBA & Recipient of World Bank Assistance under TEQIP phase – II S.C.1.1 for the period (2011-16))

REVISED INSTITUTIONAL DEVELOPMENT PROPOSAL UNDER SUB-COMPONENT 1.1

STRENGTHENING INSTITUTIONS TO IMPROVE LEARNING OUTCOMES AND EMPLOYABILITY OF GRADUATES

Maisammaguda, Dhulapally (Post. Via. Kompally), Secunderabad – 500 100.
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1. INSTITUTIONAL BASIC INFORMATION

1.1 Institutional Identity

Name of the Institution	: MALLA REDDY ENGINEERING COLLEGE (Autonomous)
Is the Institution AICTE Approved?	: Yes
Furnish AICTE approval No	: F.No.06/05/AP/ENGG/2002/074 dated 27-05-2002.
Type of Institution	: Private Un-aided, Managed by “Non Profit Society”, “CMR Educational Society”
Status of Institution	: Autonomous through UGC, letter No.F.22-1/2012 (AC) Dt. 20 Jan 2014. Recognized by UGC 2(f) & 12 (B), letter No. F. No. 8-210/2012 (CPP-I/C) Dt: 28.01.2013 Permanent Affiliation with JNTUH, Hyderabad. Procds. No.AAC/permanent Affiliation Malla Reddy EC/2014, dated 30/05/2014. The 5 UG Courses, viz. B.Tech (CE, EEE, ME, ECE, CSE) are reaccredited by NBA for 2 years up to 31 st June 2016. F. No. 11-87/2010/NBA Dt: 07-11-2014 and applied 4 PG courses for accreditation.
Affiliating University	: Jawaharlal Nehru Technological University Hyderabad, (JNTUH) Hyderabad.
Name of Head of Institution	: Dr. S.Sudhakara Reddy; Principal, Malla Reddy Engineering College; (Autonomous) Tel: 040-65918418, 040-64634234; Fax: 040-23792153, 040-40068024 @; Mobile; 9348161125, 9959842224; Email Id: mrec.2002@gmail.com; Website: http://www.mrec.ac.in/

2. TEQIP ORGANIZATION

Head of Institution, Project Coordinator and Nodal Officers:

Officer	Name	Phone Number	Mobile Number	Fax Number	E-mail Address
Principal, Head of the Institution (Full time appointee)	Dr. S. Sudhakara Reddy	040-64634234	9348161125	040-23792153	principal@mrec.ac.in
Coordinator					
TEQIP Coordinator	Mr. P. V. Ramana Murthy	040-23064352	9849520069	040-23792153	pvramana murthy@mrec.ac.in
Project Nodal Officers					
Academic Activities	Dr. R.S.Reddy	040-23064352	8790000767	040-23792153	teqip@mr ec.ac.in
Equity action plan	Mr. V. Narasimha Reddy	040-23064352	9490806006	040-23792153	mehod@mrec.ac.in
Procurement	Mr. V. Venkateswara Reddy	040-23064352	8790000960	040-23792153	venkat@mrec.ac.in
Financial aspects	Mr. M. Ramesh	040-23064352	9440466066	040-23792153	mandrur@gmail.com
Monitoring & Evaluation	Dr. P. Rajasekhar	040-23064352	9032114979	040-23792153	mininghod@mrec.ac.in

3. Accreditation Status of UG Programmes:

S. No.	Title of UG Programmes being offered	Whether eligible for Accreditation or not	Whether Accredited as on 30 th April 2011	Whether Accredited /“Applied for” as on 30 th June 2015
1	B.Tech. – Civil Engineering (CE)	Eligible	Not Eligible	Accredited
2	B.Tech. - Electrical & Electronics Engineering (EEE)	Eligible	Accredited	Accredited
3	B.Tech. - Mechanical Engineering (ME)	Eligible	Accredited	Accredited
4	B.Tech. - Electronics & Communications Engineering (ECE)	Eligible	Accredited	Accredited
5	B.Tech. - Computer Science & Engineering (CSE)	Eligible	Not Eligible	Accredited
6	B.Tech - Information Technology (IT)	Not Eligible	Not Eligible	Not Eligible
7	B.Tech – Mining Engineering (MiE)	Not Eligible	Not Applicable	Not Eligible

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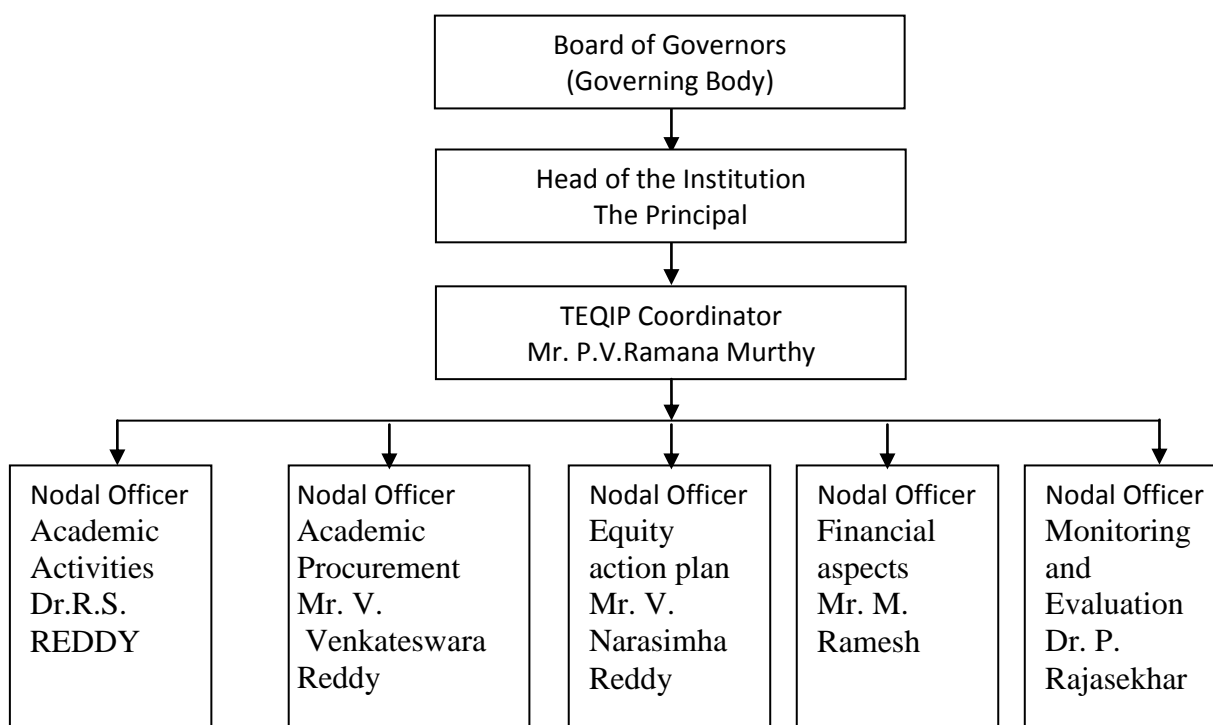
Accreditation Status of PG Programmes:

S. No	Title of PG Programmes being offered	Whether eligible for Accreditation or not	Whether Accredited as on 30 th April 2011	Whether “Applied for” as on 30 th April 2015
1	M.Tech. - Structural Engineering(SE)	Eligible	Not Eligible	In process
2	M.Tech - Transport Engineering (TE)	Not Eligible	Not Eligible	-
3	M.Tech. - Geotechnical Engineering(GTE)	Not Eligible	Not Eligible	-
4	M.Tech - Control Systems(CS)	Eligible	Not Eligible	In process
5	M.Tech - Power Electronics and Electrical Drives(PEED)	Not Eligible	Not Eligible	-
6	M.Tech - Electrical Power Systems (EPS)	Not Eligible	Not Eligible	-
7	M.Tech. - Thermal Engineering(THE)	Eligible	Not Eligible	In process
8	M.Tech - Advanced Manufacturing Systems (AMS)	Not Eligible	Not Eligible	-
9	M.Tech. - Machine Designs (MD)	Not Eligible	Not Eligible	-
10	M.Tech. - Digital Systems and Computer Electronics(DSCE)	Eligible	Not Eligible	In process
11	M.Tech. - VLSI System Design(VLSI SD)	Not Eligible	Not Eligible	-
12	M.Tech. - Embedded Systems(ES)	Not Eligible	Not Eligible	-
13	M.Tech. - Computer Science and Engineering(CSE)	Not Eligible	Not Eligible	-

4. Institutional TEQIP Unit: Organizational Structure:

The Institutional TEQIP Unit is formed with adequate representation from academic officials of the institution, faculty, senior administrative officers, technical and non-technical support staff and students. The Unit, will be Headed by the Head of the Institution, the Principal shall be responsible for the implementation of the Institutional TEQIP Project. He shall be assisted by a Senior Professor (TEQIP Coordinator) for coordinating the activities of the Project. The Institutional TEQIP Unit will operate through Committees for procurement of Goods, Works and Services; financial management; implementation of faculty development activities and programmes; monitoring Project implementation, achievement of targets for all indicators as proposed and keeping Management Information System(MIS) updated; ensuring compliance with Equity Assurance Plan (EAP), Environmental Management Framework (EMF) and Disclosure Management Framework (DMF) requirements; ensuring implementation of Institutional reforms; organizing efficient conduct of monitoring performance audits, etc. The management structure of the Institutional TEQIP Unit is given below.

ORGANIZATIONAL STRUCTURE INSTITUTIONAL TEQIP UNIT



5. Provide an Institutional project budget in Table:

Table : Institutional project budget for sub-component 1.1

S. N o	Activities	Project life Allocation	Financial Year						2015-16	2016-17	
			2010-11	2011-12	2012-13	2013-14	2014-15				
			RS. In Lakhs								
1	Infrastructure improvements for teaching, training and learning through										
	Procurement of Soft Components	5Yrs	--	--	--	-	-	60	39		
2	Providing Teaching and Research Assistantships to increase enrolment in existing and new PG Programmes in Engineering Disciplines	5Yrs	--	--	-	67.20	16.80	-	-		
3	Enhancement of R&D and institutional consultancy activities*	NA	N A	NA	NA	NA	NA	NA	NA		
4	Faculty and Staff Development (including faculty qualification upgradation, Pedagogical training, & organizing/participation of faculty in workshops, seminars & conferences) for improved competence based on TNA	5Yrs	--	--	4.00	8.80	4.25	24.50	23.50		
5	Enhanced Interaction with Industry	5Yrs	--	--	3.00	5.20	3.83	16.20	14.00		
6	Institutional management capacity enhancement	5Yrs	--	--	0.80	1.95	4.68	4.50	4.00		
7	Implementation of institutional reforms	5Yrs	--	--	1.23	1.90	15.98	16.00	12.00		
8	Academic support for weak students under the aegis of Finishing School	5Yrs	--	--	1.00	1.90	0.25	5.00	5.00		
9	Technical assistance for procurement and academic activities	5Yrs	--	--	--	--	--	--	--		
10	Incremental Operating Cost	5Yrs	--	--	4.00	6.98	5.18	10.50	6.87		
TOTAL			--	--	14.03	93.93	50.97	136.7	104.37		
GRAND TOTAL			Rs 4.00 Crores **								

N.A. - Not applicable for private unaided institutions.

** Any additional Budgetary requirements, if needed, will be met by the Management of the Institute

6. Provide the targets against the deliverables listed in Table.

Table: Project Target for Institutions under Sub-Component 1.1

S. No.	Deliverables	Baseline	Targets to be achieved	
			At the end of 2 years	By Project closing
1	Number of students registered for <ul style="list-style-type: none"> • Masters in Engineering Programme 	96	156	252
2	Revenue from externally funded R&D projects and consultancies in total revenue (Rs. in Lakhs)	0	4	30
3	Number of publications in Referred Journals <ul style="list-style-type: none"> • National • International 	75 10	100 25	150 50
4	IRG as % of total annual recurring expenditure	86.23%	95%	100%
5	Number of co-authored publications in refereed journals <ul style="list-style-type: none"> • National • International 	75 05	100 30	150 120
6	Student credentials <ul style="list-style-type: none"> • Campus placement rate of <ul style="list-style-type: none"> ○ UG students ○ PG students • Average salary of placement package for (Rs. in Lakhs) <ul style="list-style-type: none"> ○ UG students ○ PG students 	19% - 2.00 -	50% 20% 3.00 3.00	80% 40% 4.00 4.00
7	Number of collaborative programmes with industry	Nil	Nil	01
8	Accreditation Status obtained and applied for	3 UG* Accredited	5 UG/PG Courses Accredited	100% of eligible UG + PG programmes
9	Vacancy position for faculty and staff	Nil	Nil	Nil
10	% of regular faculty having a Masters degree or a Doctorate degree in engineering disciplines	51% (Masters) 8% (Ph.Ds)	Masters degree holders 100% with 15% Doctorate Degree	Masters degree holders 100% with 20% Doctorate Degree

S. No.	Deliverables	Baseline	Targets to be achieved	
11	Transit rate from 1 st to 2 nd year for the following: <ul style="list-style-type: none"> All students SC & ST students OBC students Women students 	51% 36% 48% 74%	62% 45% 55% 90%	80%
12	Autonomy status	Required to be obtained	Applied to UGC	Conferred with Autonomy
13	Enrollment of faculty with only bachelor degree for qualification upgradation	80%	Nil	Nil
14	Any other academic deliverables (maximum three)			
	Workshops/Seminars conducted other than the courses beyond Curriculum	15	40	100
	Soft Skills Development Programmes	10	30	80
	Industrial Projects	10	25	200

Note: The accreditation targets for under graduate and post graduate programmes are for NBA accreditation of programmes.