Yearly Status Report - 2015-2016

Part A	
Data of the Institution	
1. Name of the Institution	**GMR INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. C L V R S V PRASAD**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08941-251592**
Mobile no.	**9441406014**
Registered Email	**gmr-it@gmrgroup.in**
Alternate Email	**prasad.clvrsv@gmrgroup.in**
Address	**GMR Nagar**
City/Town	**RAJAM**
State/UT	**Andhra Pradesh**
Pincode	**532127**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	17-Aug-2012
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. V. Chitti Babu
Phone no/Alternate Phone no.	08941251593
Mobile no.	9443122702
Registered Email	iqac@gmrit.edu.in
Alternate Email	rajamurugadoss.j@gmrgroup.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://gmrit.org/AQAR2014-15.pdf

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://61.246.187.116/gmritnew/ssr/criteria-2/2.3.4/Additional_Info_2.3.4(a1)_Preparation%20and%20adherence_Academic%20calendars.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.24	2010	28-Mar-2010	14-Sep-2015
2	A	3.16	2015	14-Sep-2015	14-Sep-2020

6. Date of Establishment of IQAC   04-Feb-2009

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Development of Internal Quality Management System (QMS) - An initiative of IQAC	25-Jun-2015 365	19
Workshop on Theories in Learning and Curriculum Design	05-Mar-2016 2	50
Internal Audit #1	29-Jun-2015 2	19
Patents and Copyrights for Maximizing Research Impact	26-Dec-2015 2	40
Internal Audit #2	26-Feb-2016 2	19
External Audit for ACY 2015-2016	22-Jul-2016 2	9
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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
NIL	NIL	NIL	2016 00	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Proposed to enrich the academic audit to ensure the systems and processes are in place under autonomy.

2. Sensitized the faculty members on NAAC and NBA peer team visits.

3. Organized a workshop on (1) Theories in Learning and Curriculum Design (2) Patents, and Copyrights for maximizing research impact.

4. All the members of the IQAC, other concerned internal stakeholders' viz. Professor in charge of autonomous affairs, Controller of Examinations, Chairpersons of Various Boards of Studies are sensitized on the recommendations made by the NAAC peer team for further improvement in the IQAC meeting held on August 8th, 2015 and the following changes are made. a. The academic flexibility is leveraged to reduce the concept of external examiners by increasing the weight in the continuous assessment process. The whole process is initiated with a focus to phase out the concept of "external" as well as to leverage the full potential of autonomy in the forthcoming academic regulations b. The percentage of courses under choice based credit system for more academic freedom is enhanced

5. Introduced a feedback mechanism on the curriculum from stakeholders.

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

Plan of Action	Achivements/Outcomes
Implement OBE	a) Curriculum design and course content development in line with OBE b) Revision and formulation of Academic Regulations 2016 c) Implemented Full Semester Internship "
Preparation for NAAC Re-accreditation.	Re-Accredited by NAAC with A grade
Preparation for NBA Re-accreditation.	a) Three programs viz. ME, ECE and Chemical are Re-accredited by NBA for five years b) Three other programs viz. Civil, CSE and EEE are Re- accredited by NBA for two years
Preparation of action plan to implement the recommendations made by the NAAC peer team for further improvement on 8th August 2015	Facilitated the stakeholders to understand the road map of major IQAC initiatives during the 2015-2020 (2nd Cycle) and the activities are being carried out.
Enhance industry-institute interaction for internship	To enhance the industry engagement and to give the real time exposure to the students, 4weeks compulsory summer internship is introduced after IV semester for all students as an audited course. Further giving the academic flexibility during VII and VIII semesters, students are offered with 16weeks credited industry internship as optional course

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	07-Aug-2015
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2016
Date of Submission	09-Feb-2016
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information System is in place to record, monitor, and ensure all the key performance indicators (KPI) are closely monitored every month. As per the annual operating plan (AOP) the targets are set for all KPIs based on the baseline values of the previous year and responsibility and accountability are entrusted to the all the concerned stakeholders. In the second week of every month, all the KPIs are reviewed for their progress and actionable points are recorded to pursue with. Following are the indicative parameters contributing to KPIs. Academic performance, Students training, Placements, Research publications, Faculty training programs, Funded projects, Value added courses, Students Faculty achievements, Seminars and Conferences conducted, Faculty and student participation outside and Outreach programs.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision

BTech	12	Information Technology	28/11/2015
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	All branches	22/06/2015	Language Lifeskills - 1	22/06/2015
BTech	All branches	22/06/2015	Language & Lifeskills - II	22/06/2015
BTech	All branches	22/06/2015	Language and Lifeskills Lab	22/06/2015
BTech	All branches	22/06/2015	Summer Internship	22/06/2015
BTech	All branches	22/06/2015	Project	22/06/2015
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Chemical Engineering	19/06/2015
BTech	Mechanical Engineering	23/06/2015
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Chemical Engineering	19/06/2015
BTech	Civil Engineering	19/06/2015
BTech	Electronics & Communication Engineering	19/06/2015
BTech	Electrical and Electronics Engineering	19/06/2015
BTech	Power Engineering	19/06/2015
BTech	Computer Science & Engineering	19/06/2015
BTech	Information Technology	19/06/2015
BTech	Mechanical Engineering	19/06/2015

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Microsoft Technology associates	20/06/2015	61

MATLAB	23/04/2016	37
PRO/ENGINEER	25/01/2016	45
Primavera (Mechanical Engineering)	21/09/2015	41
Primavera (Power Engineering)	21/09/2015	19
	[View File](#)	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Chemical Engineering	43
BTech	Civil Enginnerinf	67
BTech	Electronics & Communication Engineering	203
BTech	Electrical and Electronics Engineering	136
BTech	Power Engineering	70
BTech	Computer Science & Engineering	128
BTech	Information Technology	91
BTech	Mechanical Engineering	139
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The Institution has a well structured feedback mechanism on Curriculum in-place to develop and revise the curriculum on an ongoing basis from all the possible stakeholders viz. Alumni, Industries, Potential Employers, Representatives from Professional Bodies, Academia and Parents. The feedback mechanism is developed with an aim to capture the voice of the stakeholders to understand the demand driven needs of the stakeholders at different levels viz. Region, National and International. The feedback is collected through electronic mail communication and also during their visit to the Institution. The consolidated feedback received from various stakeholders over a period of of time, preferably once in six months are placed before the respective Board of Studies (BoS) for necessary discussion after having feedback analysis with internal members of BoS. Accordingly the changes are made for the final approval by the Academic Council.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	60	58	58
BTech	Electrical & Electronics Engineering	120	106	106
BTech	Mechanical Engineering	120	110	110
BTech	Electronics & Communication Engineering	180	175	175
BTech	Computer Science Engineering	180	169	169
BTech	Chemical Engineering	60	39	39
BTech	Information Technology	60	47	47
BTech	Power Engineering	60	50	50
Mtech	Thermal Engineering	18	15	15
Mtech	Transportation Engineering	18	14	14
		[View File](#)		

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015	754	74	201	21	222

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
222	222	6	66	10	20407
		[View File of ICT Tools and resources](#)			

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

1. Mentoring system is in place for student counseling. 2. 10-15 students are assigned to each faculty to support and guide the students for holistic development. 3. The mentees are counseled 3 to 4 times in a semester and special attention is paid on a mentee if required. 4. Academic progress of the students is continuously monitored before and after every examination and the slow learners are supported with extra inputs. 5. The issues are escalated based on the seriousness of the problem and also ensures proper support to resolve the issues

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3342	222	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
228	198	24	24	6

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2015	Dr.T.Prabhakar	Associate Professor	Received PhD Quality improvement Programme (QIP) fellowship from AICTE,India
2016	Dr.M.Srinivasa Rao	Professor	An award of highly commended Paper in the 2016 Emerald Literati Network Awards for Excellence by the journal's editorial team, England, United Kingdom.
2016	Dr.C L V R S V Prasad	Principal	Member Executive Council, Apex body of JNTUK- Kakinada, AP.
2016	Dr. M V Nageswara Rao	Professor	BOS member, GIET College of Engineering, Rajahamundry
2015	Dr.C L V R S V Prasad	Principal	Chairman , Academic council,GMRIT
2015	Mr. A.V Ramana	Professor	Member,Academic council, GMRIT
2015	Dr. S V Ramana	Professor	Member Secretary, Academic Council,

				GMRIT

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	1	1st Semester	30/12/2015	28/01/2016
BTech	1	2nd Semester	30/06/2016	08/07/2016
BTech	1	3rd Semester	16/12/2015	07/01/2016
BTech	1	4th Semester	18/05/2016	02/06/2016
BTech	1	5th Semester	21/11/2015	04/12/2015
BTech	1	6th Semester	04/05/2016	10/05/2016
BTech	1	7th Semester	20/11/2015	10/12/2015
BTech	1	8th Semester	22/04/2016	28/04/2016
BTech	2	1st Semester	30/12/2015	28/01/2016
BTech	2	2nd Semester	30/06/2016	08/07/2016

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
32	6586	0.48

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://61.246.187.116/gmritnew/ssr/Others/POs%20and%20COs%20of%20all%20Programs%202015-2016.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
34	BTech	Power Engineering	70	57	81.43
12	BTech	Information Technology	52	40	76.92
8	BTech	Chemical Engineering	43	31	72.09
5	BTech	Computer Science Engineering	128	114	89.06

4	BTech	Electronics & Communication Engineering	203	170	83.74
3	BTech	Mechanical Engineering	138	127	92.03
2	BTech	Electrical & Electronics Engineering	135	118	87.41
1	BTech	Civil Engineering	67	55	82.09
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://61.246.187.116/gmritnew/ssr/Others/SSS_2015-2016.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
M. Balajee
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	AICTE	15.88	12.63
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

6

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Patents and Copyrights for maximising Research Impacts	IQAC	26/12/2015
Seminar on Role of Chemical Engineers in Pharmaceutical Industries	Chemical Engineering	02/04/2016
Workshop on Primavera P6	Power Engineering	19/11/2015
Workshop on Computational Fluid Dynamics Applications in Process Industries: Recent Developments 2k16 (CFDAPIRD2k16)	Chemical Engineering.	15/04/2016
Workshop on Microsoft Technology associates	Computer Science and Engineering	05/10/2015
Workshop Course on MATLAB Programming for Engineers	Electronics and Communication Engineering	15/09/2015
Workshop on Cloud Computing using Aneka	Information Technology	09/01/2016
Organized a One day awareness programme on "Business Incubation"	Mechanical Engineering	29/01/2016
A National workshop on Thrust areas for research in power sector: scope and challenges	Electrical and Electronics Engineering	22/01/2016
Seminar on Bioreactor land fills – mitigation strategy for green house gas emission	Chemical Engineering.	06/01/2016
Seminar on Beach sand minerals Exploration, processing and value addition	Chemical Engineering.	17/10/2015
Workshop on Climate Efficient Process Industries (CEPI-2015) (A two day National Seminar)	Chemical Engineering.	04/03/2016
Seminar on Enterprise Resource Planning Implementation Success and Failure in Corporate world	Information Technology	28/12/2015
Motivational Talk Overview of Latest Technologies	Information Technology	21/11/2015

Interactive session onEmployability skills and Technology Expectations	Information Technology	07/08/2015
Add-on Course on PRO/ENGINEER	Mechanical Engineering	25/01/2016
One Day Entrepreneurship Orientation Programme (EOP)	Mechanical Engineering	16/10/2015
Conducted a MRC meeting for scrutinizing the innovative project proposals	Mechanical Engineering	29/01/2016
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Autonomous Robot	P.Vamsi Krishna	IITM, Chennai	30/10/2015	Project Design Contest
Design of Robot	I.VIDYA BHARATI	IITM, Chennai	04/03/2016	Project Design Contest
Commonwealth Split Site Award	Dr. Ch. Hemanth Kumar	Commonwealth Scholarship Commission	07/01/2016	Commonwealth Scholarship and Fellowship Plan (CSFP)
[View File](#)				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	3
Information Technology	1
Mechanical Engineering	0
Electronics and Communication Engineering	2
Electrical and Electronics Engineering	1
Chemical Engineering	1
Basic Science and Humanities	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)

International	Computer Science and Engineering	42	1.33
International	Electronics and Communication Engineering	36	1.33
International	Electrical and Electronics Engineering	28	1.33
International	Mechanical Engineering	26	1.33
International	Basic Science and Humanities	19	1.33
International	Chemical Engineering	16	1.33
International	Civil Engineering	12	1.33
International	Information Technology	12	1.33
International	Power Engineering	9	1.33

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

Department	Number of Publication
Electronics and Communication Engineering	41
Chemical Engineering	18
Basic Science and Humanities	12
Electrical and Electronics Engineering	7
Civil Engineering	6
Computer Science and Engineering	4
Mechanical Engineering	4
Information Technology	3
Power Engineering	3

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Yaw	P.	Internatio	2015	4	GMRIT	0

control of horizontal axis wind turbine using lvdt module	Devendra, L.V. Suresh Kumar	nal Journal of Applied Engineering Research				
Process-based tolerance assessment of connecting rod machining process	G.V.S.S.Sharma, P.Srinivasa Rao, B.Surendra Babu	Journal of Industrial Engineering International	2016	3	GMRIT	3
Forecasting financial time series using a low complexity recurrent neural network and evolutionary learning approach	Ajit KumarRout	Journal of king Saud University Computer and Information Science	2015	27	GMRIT	27
Analysis of investment issues and transmission schemes for grid integration of remote renewable energy sources	Kishore TS	International Journal of Renewable Energy Research	2015	5	GMRIT	13
Impact strength improvement of butt welded joints prepared by vibratory welding process	P. Govinda Rao,	Journal of Manufacturing Technology Research	2015	7	GMRIT	15
Robust audio watermarking	N.V.Lalitha, Ch.Srinivasa Rao,	International Journal of	2016	4	GMRIT	1

scheme with synchronization code and QIM	P.V.Y.Jaya Sree	Engineering and Technology				
Isolation of citral from lemongrass oil using steam distillation: statistical optimization by response surface methodology	H. Joga Rao, G. Kalyani	International Journal of Chemical Sciences	2015	3	GMRIT	2
Optimal costing of overhead power transmission lines using genetic algorithms	Kishore TS	International Journal of Electrical Power and Energy Systems	2015	5	GMRIT	14
Application of modular multilevel converter for AGC in an interconnected power system	Suresh Kumar LV	International Journal of Electrical Power Energy Systems	2016	4	GMRIT	13
Flexural strength improvement of welded joints prepared by vibratory welding process	P. Govinda Rao, P. Srinivasa Rao, A. Gopala Krishna	International Journal of Manufacturing, Materials, and Mechanical Engineering	2015	7	GMRIT	13
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Evaluating	P. Govinda	Internatio	2015	38	15	GMRIT

the bending strength of the vibratory welded joint using regression technique	Rao, P. Srinivasa Rao, A. Gopala Krishna	nal Journal of offshore and Polar Engineering				
Flexural strength improvement of welded joints prepared by vibratory welding process	P. Govinda Rao, P. Srinivasa Rao, A. Gopala Krishna	International Journal of Manufacturing, Materials, and Mechanical Engineering	2015	8	18	GMRIT
Impact strength improvement of butt welded joints prepared by vibratory welding process	P. Govinda Rao, P. Srinivasa Rao, A. Gopala Krishna	Journal of Manufacturing Technology Research	2015	5	19	GMRIT
Multiple decision expert systems for performance analysis of a boiler system	Saroj K. Meher, Shishir Kumar Behera, Min Choul Kim, Hung-Suck Park	Applied Artificial Intelligence	2015	54	0	GMRIT
Optimization of sodium hydrosulfide synthesis for metal recovery from wastewater using flue gas containing H2S	Se-Won Kim, Shishir Kumar Behera, Yousuf Jamal, Hung-Suck Park	Journal of Environmental Engineering-ASCE	2016	91	2	GMRIT
Possibility of	Minoru Fujii,	Journal of Cleaner	2016	173	46	GMRIT

developing low-carbon industries through urban symbiosis in asian cities	Tsuyoshi Fujita, Liang Dong, Chengpeng Lu, Yong Geng, Shishir Kumar Behera, Hung-Suck Park, Anthony Shun Fung Chiu	Production					
Clay and clay minerals for fluoride removal from water: A state-of-the-art review	A. Vinati, B.Mahanty, Shishir Kumar Behera	Applied Clay Science	2015	119	72	GMRIT
Five Dimensional FRW Bulk Viscous Cosmological Models in Brans-Dicke Theory of Gravitation	T. Ramprasad, R. L. Naidu, K. V. Ramana	Astrophysics and Space Science	2015	65	2	GMRIT
Kantowiski-sachs cosmological model with anisotropic dark energy in scale covarient theory of gravitation	K.Dasunaidu and R.L.Naidu	Astrophysics and Space Science	2015	65	3	GMRIT
Kantowski-sachs bulk viscous string cosmological model in scale co-	T.Ramprasad and R.L.Naidu	Astrophysics and Space Science	2015	65	1	GMRIT

varient theory of gravitation					

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	17	47	36	14
Presented papers	62	36	0	0

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electronics and Communication Engineering	Broadcasting charges for WCD-Beti Bachao Beti Padhao	Ministry of Information and Broadcasting	14884
Electronics and Communication Engineering	Broadcasting charges for Dept. of Consumer Affairs Campaign	Ministry of Information and Broadcasting	13954
Electronics and Communication Engineering	Broadcasting charges for Swachh Bharat- DW S	Ministry of Information and Broadcasting	49052
Civil Engineering	Concrete Mix Design for Structural Application	Mandal Engineer, Rajam	31400
Electronics and Communication Engineering	Broadcasting charges for WCD-Beti Bachao Beti Padhao	Ministry of Information and Broadcasting	28964
Electronics and Communication Engineering	Broadcasting charges for WCD-Beti Bachao Beti Padhao	Ministry of Information and Broadcasting	27907
Electronics and Communication Engineering	Broadcasting charges for WCD-Beti Bachao Beti Padha	Ministry of Information and Broadcasting	27095
Civil Engineering	Concrete Mix Design for Structural Application	DEE, Narasannapete.	21500
Civil Engineering	SBC soil, Foundation design	Sai Ram Infrastructure, Vizag	21500

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Mechanical Engineering	Engine Assembly	Lendi Institute of Engineering and Technology, SVBE College,RIT College, Miracle College,SIET College,KL University	15000	30
Civil Engineering	Urban Mobility for Smart City Development	Coastal Institute of Technology,Kothavalasa,Sankrtik Vidya Parishat Engineering College,GVP College of Engineering,Srisivani Institute of Technology,Pragati Engineering College,PVP Siddhartha Institute of Technology	10500	12
Electrical and Electronics Engineering	Thrust areas for research in power sector: scope and challenges	SVCET,Etcherla, TPIST,GVP College of Engineering,SVCET,Shri vishnu Engg college,Universla college of Engg,VIIT, Visakhapatnam,Lendi Inst.of Engg Tech,St.Anns College of Engg Tech,AITAM,RGMCET, Nandyal,Sivani college of Engg,CR Reddy Collge of Engg	15750	29
Chemical Engineering	Aspen Plus	MVGR College of Engg., Vizianagaram AU College of Engg., Visakhapatnam Sri Aditya Engg. College,	10500	35

	East Godavari RGUKT Nuziveedu (IIIT) Sir CR Reddy College, AP.		
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	NSS UNIT/CRS/Nagar Panchayat	4	120
Swachh Bharat Abhiyan	NSS UNIT/CRS/Nagar Panchayat	4	100
Pulse Polio Immunization Programme	NSS UNIT/Medical Health Department	3	50
Veterinary Camp	NSS UNIT/Govt.Veterinary Hospital, Regidi/GMRVF	1	50
Awareness Programme on Health Hygiene	NSS UNIT/CRS/GMRVF	1	50
Mega Health Camp	NSS UNIT/GMR Varalakshmi CARE Hospital/CRS/GMRVF	1	50
Eye Checkup Cataract Operation Camp	NSS UNIT/Government Hospital, Rajam/GMRVF	1	50
Mahatma Gandhi jayanthi importance collecting content and broacasting content	CRS/GMRIT	2	15
AIDS days special content Broadcasting	CRS/GMRIT	1	10
World Cancer day special content and doctor precations	CRS/GMR Care Hospital	1	5
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Certificate of appreciation	Indian Red Cross Society, Srikakulam District Branch	201

Medical Camp at Munakala valasa Village	Certificate of appreciation	Munakala Valasa Gram Panchayat, Munakala valasa	50
Plastic free Rajam	Certificate of appreciation	Rajam Major Panchayathi, Rajam	150
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyan	NSS UNIT/CRS/Nagar Panchayat	Swachh Bharat – Clean Rajam – Green Rajam programme at Tahsildar and Mandal Executive Magistrate Office (MRO Office), Tana Street, Kanchara Street and Medara Street of Rajam	4	100
Pulse Polio Immunization Programme	NSS UNIT/Medical Health Department	Public Health	3	50
Awareness rally on Importance of Vote	NSS UNIT/CRS/Mandal Revenue Office	Awarenss on Human Rights	2	100
Conducted Motivation classes for Goal setting for10th class students	GAMYAM in association with CSW-GMRVF	Lakshya	2	39
Cloths distribution during Joy of giving week to needy people	GAMYAM in association with CSW-GMRVF	Vitarana	2	59
Swachh Bharat Abhiyan	NSS UNIT/CRS/Nagar Panchayat	Swachh Bharat – Clean Rajam – Green Rajam programme at RB Bungalow, Near Polipapalli Ammavari Temple, Bobbili Road, Rajam	4	100
Swachh Bharat	NSS	Swachh Bharat –	4	120

Abhiyan	UNIT/CRS/Nagar Panchayat	Clean Rajam – Green Rajam programme at Dolapeta, Rajam.		
Eye Checkup Cataract Operation Camp	NSS UNIT/Government Hospital, Rajam/GMRVF	Public Health	1	50
Mega Health Camp	NSS UNIT/GMR Varalakshmi CARE Hospital/CRS/GMRVF	Public Health	1	50
Awareness Rally on HIV/AIDS	NSS UNIT/CRS/Nagar Panchayat	Public Health Awareness	2	100
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Publication	Jagan Naveen	GMRIT	365
Publication	V. Rambabu	GMRIT	180
Publication	A.Venketa Ramana	GMRIT	365
Publication	P.N.L.Pavani	GMRIT	180
Publication	T. Prabhakar	GMRIT	365
Publication	Balajee Maram	GMRIT	365
Publication	P. Ramana	GMRIT	180
Publication	T.S.Kishore	GMRIT	365
Publication	Shishir Kumar Behera	GMRIT	180
Publication	K. Koteswara Rao	GMRIT	365
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Institute-Industry engagement	KERRI ENGINEERING WORKS, 90/14, D Block, Autonagar Gajuwaka, Vi	21/04/2016	21/06/2016	3

		sakhapatnam, Andhra Pradesh 530012, D.Srinivasa Reddy, Manager, 098482 53198			
Internship	Institute-Industry engagement	OLICL, Nayapalli, Bhubaneswar, Manging Director, olicltd123@bsnl.in	04/07/2016	06/07/2016	5
Internship	Institute-Industry engagement	N.S. ENGINEERING PVT. LTD. Hyderabad, Mr. GMK Rao, General Manager, nsengg@gmail.com	04/11/2016	06/11/2016	5
Internship	Institute-Industry engagement	M.V.K. TRANS FORMERS, Plot No. 49 50, AIE, Pedagantyda, Visakhapatnam-44, Mr. MVK Krishnan, 9347069117, krishnan.mvk@gmail.com	22/01/2016	22/05/2016	5
Internship	Institute-Industry engagement	JAMI HYDRAULICS PVT. LTD. Plot No: 43-B, S.no.105 of fakirtekya Village Block E, Industrial Development Area, Auto Nagar, Visakhapatnam, Andhra Pradesh 530012, 9951045333, navin.jami24@gmail.com	21/01/2016	21/06/2016	3

Internship	Institute-Industry engagement	INDPOWER, Plot No 61, 'E' Block, Industrial Park, Autonagar, V ISAKHAPATNAM -12. 99483 79444, info@ indpower.in	12/09/2015	05/09/2016	3
Internship	Institute-Industry engagement	CYIENT, Administration Officer, tirupathireddy. karrevula@cyient.com, Hyderabad.	26/04/2016	26/06/2016	3
Internship	Institute-Industry engagement	NAVYA CONSTRUCTIONS, Visakhapatnam, Mr. DNV sarat, ncvizag97@yahoo.com	19/04/2016	19/06/2016	3
Internship	Institute-Industry engagement	ARCHROMA INDIA PVT LTD, 9th floor, MBC Park, Near Hypercity mall, Kasava davali, Thane West, Mr. D. anand Edwin Raj-HR, 9833757280, edwin.raj@archroma.com	19/01/2016	19/05/2016	1
Internship	Institute-Industry engagement	ANUTA NETWORKS, Bengaluru, Mr. Vamsi Kottisa, General Manager, vamsi@anutanetworks.com	01/06/2016	30/06/2016	1
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 3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs

Tata Consultancy services Ltd	07/06/2015	Provide support to conduct competitive Examinations organised by Govt/Private bodies	116
International Institute of Entrepreneurship Development(NAASCOM)	01/04/2016	Skill development trining	795
BSNL	19/02/2016	Summer Internship	108
STEEL PLANT	26/04/2016	Summer Internship	68
NCEx Pvt Ltd	06/02/2016	Communication skill trining	52
HCLCDC	20/02/2016	Summer Internship	51
ECIL	26/01/2016	Summer Internship	27
SAIVEN TECHNOLOGIES	30/03/2016	Summer Internship	27
Rainbow Industries, Quthbullapur, RR. Dist, hyderabad	12/01/2015	Final Year project	5
Trumphant Institute of Management Education	11/07/2015	Campus recruitment training	844
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
70	62.07

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsys	Fully	7	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	46404	10543936	963	278841	47367	10822777
Reference Books	10026	2278308	844	375621	10870	2653929
e-Books	0	0	3000	223545	3000	223545
Journals	0	0	83	131400	83	131400
e-Journals	0	0	655	1701927	655	1701927
Weeding (hard & soft)	0	0	0	0	0	0
Library Automation	1	310000	0	408370	1	718370
CD & Video	1500	0	0	0	1500	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.H.Joga Rao	Process Heat Transfer	LMS	25/11/2015
Mr.K.Krishna Kisohre	Digital Logic Design	LMS	15/06/2015
Dr.Sasanko Sekhar Gantayat	Discrete Structure Graph Theory	LMS	15/06/2015
Mr.Satish M	Digital Logic Design	LMS	15/06/2015
Dr.GVSS Sharma	Material Science and Metallurgy	LMS	15/06/2015
Dr.P.N.L.Pavani	Production Technology	LMS	15/06/2015
Dr.K.V.S.Prasad	Manegerial Economics and Financial Analysis.	LMS	06/06/2015
Dr.T.S.L.V.Ayya Rao	Electrical Drives	LMS	25/11/2015
Dr.P.Kanchanamala	Design and Analysis of Algorithms	LMS	25/11/2015
Dr.V.Jagan naveen	Probability Theory and Stochastic Process	LMS	15/06/2015

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1170	1039	30	18	60	14	9	60	0
Added	77	77	0	0	0	0	0	40	0
Total	1247	1116	30	18	60	14	9	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Recording Room	http://61.246.187.116/gmritnew/ssr/Others/Lecture_Capturing_Room_Video.mp4

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
65	68.12	71	66.86

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

Maintenance of Physical facilities: A well-organized team is in place at the Estate office(EO) to maintain all physical facilities. The Estate department has the expertise in all the trades shall carryout periodic and preventive maintenance of the respective infrastructural facilities across the campus. During the summer and semester break, all the major maintenance works that are notified by the respective departments will be taken up and executed by the EO to ensure seamless academic operations. EO maintains an e-portal to report all the maintenance works indented by the departments as per the SOP. The maintenance of all the general amenities like drinking water, UPS, Roads Street lights, Washrooms, Food courts Canteen is undertaken by the EO from time to time. The campus has power backup supported by a 1MW solar power plant and 1000KVA DG sets. All the crucial equipment across the campus after completing the warranty period as an initiative of the preventive maintenance are put under AMC. Further, calibration of the equipment used for the consultancy works in the respective departments is done periodically to ensure compliance with certification. To ensure the protection of computing systems across the campus, all the laboratories are supported with UPSs with capacity of 250KW spread out across all the laboratories. Maintenance of the housekeeping and horticulture across the campus is taken up through an outsourcing agency. The day to day library operations are automated using Libsys-7. Yearly maintenance of the books is ensured by proper pest control periodically. Library has a policy to issue and returns of the books for students and faculty. The sports complex, Gym, and all other play rounds are seasonally maintained facilitating uninterrupted facilities for the conduct of sports and games. IT- Help Desk Support team takes care of service and maintenance of all the computers, LAN/Wi-

Fi connectivity, Wi-Fi modules, Servers etc. on the campus. Firmware upgradation for network equipment like access points, switches are carried out on need basis. Utilization of Physical facilities: All the academic facilities are made available for the effective utilization of students and staff. The campus being residential, laboratory and theory class schedules are done in an optimistic way to ensure the resources are used effectively 24x7. The different laboratory courses are provided to the students in a staggered manner for maximum utilization of the laboratory hours. The common computing facilities in the departments are provided with a schedule for occupancy ensuring effective utilization of the students from all the years. Library operations are extended from 9AM – 5PM to 7AM-11PM for effective utilization and facilitating the students operating as day scholars. A separate logbook is maintained in each laboratory for ensuring the above systems. On holidays, the computer laboratory support is provided for the community training purpose as a part of the outreach program. For effective utilization of the Gym and sports facilities, different time slots are allocated for both boys and girls starting from 5AM to 8AM and 3PM to 8PM.

http://61.246.187.116/gmritnew/ssr/Others/Utilization%20Procedures%20and%20Policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	EAMCET Rank based merit scholarship and Academic Performance Merit Scholarship	424	6826240
Financial Support from Other Sources			
a) National	Andhra Pradesh Government (Fee Reimbursement)	1741	81755700
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Campus Recruitment Training Phase-I	11/07/2015	844	Triumphant Institute of Management Education (TIME)
Learning Skills to Improve Employability	01/02/2016	594	National Education Foundation (NEF)
Campus Recruitment Training Phase-II	09/05/2016	645	Triumphant Institute of Management Education (TIME)
Yoga Training Class	24/08/2015	160	GMRIT

		Series			
		[View File](#)			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2015	Career Development Center	37	628	32	398
		[View File](#)			

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
TCS	628	110	Tech Mahindra	302	15
		[View File](#)			

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2015	1	B.Tech	Computer Science and Engineering	Edinburgh Napier University, United Kingdom	MS
2015	1	B.Tech	Chemical Engineering	McGill University, Quebec	MS
2015	1	B.Tech	Chemical Engineering	IIT, Guwahati	M.Tech
2015	5	B.Tech	Civil Engineering	NICMAR	M.Tech
2015	1	B.Tech	Civil Engineering	NIT Nagpur	M.Tech

2015	1	B.Tech	Mechanical Engineering	NIT Surat	M.Tech
2015	1	B.Tech	Mechanical Engineering	NIT Warangal	M.Tech
2015	7	B.Tech	Chemical Engineering	Andhra University,	M.Tech
2015	1	B.Tech	Electrical and Electronics Engineering	Andhra University,	M.Tech
2015	1	B.Tech	Civil Engineering	JNTU, Kakinada	M.Tech

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

Items	Number of students selected/ qualifying
GATE	31
Any Other	1

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports Day (Basket Ball, Cricket, Volley Ball, Foot Ball, Kho Kho, Shuttle, Chess, Carroms, Table Tennis, Athletics, Throw Ball Tenny Koit, Kabaddi, Body Building Power Lifting, Throw Ball) Boys Girls	Institute Level	1450
STEPCONE 2k16	National Level	500
Hidden Sports Talent First Year Students (Basket Ball, Cricket, Volley Ball, Foot Ball, Kho Kho, Shuttle, Chess, Carroms, Table Tennis, Athletics, Throw Ball, Tenny Koit) Boys Girls	Institute Level	778
Technical Quiz-EEE	Institute Level	24
Dream Home-Civil Engg	Institute Level	30
Technical Presentations- Chemical Engg.	Institute Level	25
Precis writing and talk -Chemical Engg.	Institute Level	25
National Sports Day First Year Boys (Shuttle)	Institute Level	250
Technical Presentations-	Institute Level	25

Chemical Engg.					
Technical Presentations- Chemical Engg.	Institute Level			30	

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2015	Winners Trophy	National	1	0	15341A0328	G.C.H. Pavan Kumar
2015	Winners Trophy	National	1	0	17341A05D5	P. Prem Kumar
2015	Winners Trophy	National	1	0	15341A0346	K. Yogesh
2015	Winners Trophy	National	1	0	17345A0206	P. Hemanth Kumar
2015	Winners Trophy	National	1	0	16341A0569	G. Ashok Reddy
2015	Winners Trophy	National	1	0	17345A0108	M.G. Mastan Valli
2015	Winners Trophy	National	1	0	15341A0246	K.Srinu
2015	Winners Trophy	National	1	0	15341A0461	G.Yeswanth
2015	Winners Trophy	National	1	0	15341A0254	M.Sandeep Rao
2015	Winners Trophy	National	1	0	14341A1209	B Rama Kumari

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The students across all the years of the study from all the branches of engineering and technology are actively involved in the following committee to receive and consider their views for achieving a better academic ecosystem. ? Class Committee Meeting ? Class Representative Students Council ? ISTE Students Council ? Food Committee for Hostels ? Anti-Ragging Committee ? Placement Committee ? Entrepreneur Development Cell (EDC) The class committee meeting is organized at the department level with the head of the department seeking suggestions to improve the overall academic performance in the department. The suggestion includes the effectiveness of classroom delivery, effectiveness of the teaching methodology, availability of adequate learning resources and so on. Similarly, all the class representatives are called for meeting by the Vice Principal once or twice in a semester seeking suggestion for overall improvement in all possible dimensions in the campus. Further the student's members of Indian Society for Technical Education (ISTE, Students chapter of

GMRIT) are effectively involved in organizing academic and academic administrative activities in organizing the events at institute level for the holistic growth. In addition, the representatives of inmates of the hostel are actively involved in the activities of students mess in finalizing the menu as well to ensure the quality of the served food in the mess. Anti-Ragging Committee includes students across all departments and years to ensure prevention of ragging inside and outside the campus. Career Development Center (CDC) takes care of organizing Internships, Guest lectures, Placement training, and Campus recruitments. EDC is in operation conducting various activities since 2006 funded by AICTE. EDC regularly conducts activities related to entrepreneurship training and motivational classes by inviting the various successful entrepreneurs and GMRIT alumni.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

879

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

375000

5.4.4 – Meetings/activities organized by Alumni Association :

1. 3rd January, 2016 at Orchid Hall, Hotel Ramada, Bangalore (13th Alumni Meet)

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Practice#1: Policy and Perspective Committee (PPC) - The Institution firmly believes the importance of decentralization and delegation of powers for the effective functioning of the institution at different levels while realizing the vision of the Institute. In this context, the Management has formulated an apex committee viz. Policy and Perspective Committee with an objective of monitoring and reviewing the regular functioning of the Institutions and facilitate quick decisions without any delay with a standard operating procedure (SOP). The management has appointed Governing Council (Chairman) as the chairman of the apex committee and Principal, Vice Principal, Dean (Member Secretary) and CAO as the members of the apex committee. The Member Secretary shall maintain the minutes of the meetings. While the committee will meet a minimum of six times a year, in reality it may meet much more often. The meeting may also be called for by request from any member of the committee. Practice #2: The Academic Monitoring Committee is an initiative to encourage participative management of all stakeholders, particularly the relevant students in the teaching-learning process. It acts as a robust feedback mechanism for supervising/improving the curriculum delivery and evaluation process at the grass-root level. Academic Monitoring Committee cross-references between curriculum and instructional elements. It provides guidance and support in improving the implementation of the curriculum by instigating various supportive measures as and when required based on feedback received. Academic monitoring Committee for a class comprises of head of the department, faculty handling all theory practical courses, and students from diversified categories. The committee meets 2-3 times in a semester to discuss the

deployment of curriculum delivery aspects, assess the performance of students, issues related to the teaching-learning process, general issues which are found to have an impact on the effectiveness of learning among students, and encourages constructive feedback from students/teachers to improve the overall quality of the curriculum delivery process and ensures effective teaching-learning is in place. The major responsibilities include a. To ensure the compliance of curriculum delivery in line with the course plan (Status of syllabus coverage, teaching aids, effectiveness of the classroom delivery, availability of learning resources and finally, the suggestions from continuous improvement for better teaching-learning experience) b. To ensure the conduct of the remedial and makeup classes c. To initiate preventive and corrective action against the suggestions from the students

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	To enhance the quality of the intake and to realize the vision, merit scholarships are announced based on the Engineering Agriculture Medical Common Entrance Test (EAMCET) ranks and 102 grades.
Industry Interaction / Collaboration	Industry interaction: Signing of MoUs for formal collaborative initiatives viz. internships for faculty and students, Curriculum development revision, Guest/Expert lectures, Collaborative research, consultancy and Co-sponsoring of events.
Human Resource Management	1. Transparent policies and procedures for welfare of the employees. 2. Well-structured annual appraisal system for all employees. 3. Maintaining faculty-student ratio and cadre ratio as per the norms. 4. Well defined internal promotion policy for career advancement. 5. Training programs for skill development and personality development of employees. 6. Well defined organogram and resource management through SAP. 7. Well defined gratuity policy for welfare of employees.
Library, ICT and Physical Infrastructure / Instrumentation	1. To enhance self-learning and research abilities, digital library is facilitated beyond working hours 2. Encouraged faculty members to deliver at least 50 of content using ICT 3. KRC subscription is in place for online journals 4. Library management system through LibSys
Research and Development	1. Incentives for quality publications,

	mentoring on writing research publications and funded projects, Financial Support Quality Improvement Programme (QIP, Incentives for timely completion of the PhDs. 2. Providing infrastructure to promote research
Examination and Evaluation	1. Leveraging the potential of autonomy by increasing the ratio of continuous assessment from 30 to 40 for effective implementation of assessment tools and methods 2. One comprehensive examination to assess the overall learning 3. Question wise valuation to ensure the uniformity and consistency
Teaching and Learning	1. Strengthened the industry engagement in the teaching learning process with an objective of minimizing the gap between industry and academia 2. Academic Monitoring Committee to promote participative management of all relevant internal stakeholders to improve the quality of teaching learning process 3. Strengthened the tutorial sessions in all courses to encourage peer to peer learning as well as interactive learning 4. Strengthened the remedial classes to support slow learners
Curriculum Development	1. Introductional of feedback mechanism on curriculum from the stakeholders viz., industry, peer institutions, alumni and representatives from professional bodies to enhance the quality of the same 2. Curriculum design in line with OBE 3. Introduction of self-study courses and topics in each unit of the course for nurturing the habit of self-directed learning from first year onwards

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Finance and Accounts	SAP
Student Admission and Support	EZSchool (Campus Management System)
Examination	BEES (Exam Management System)

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2015	Dr.KVS Prasad	E-Waste	NIL	7332

		Management		
2015	Dr.K.Koteswara Rao	New frontiers in Chemical, Energy and Environmental Engineering	NIL	4092
2015	Dr.M.Gangadhar	Chemcon 2015	Nil	10200
2015	Dr.V.Rambabu	Biofuels	NIL	10000
2015	Mr.A.Sudhakar	Communication Systems and Network Technologies Electromagnetic Interference and Compatibility Applied Engineering Research Microwave and Optical Technology	NIL	42066
2015	Mr.A.Venkata Ramana	Wireless Personal Communication, Springer Applied Engineering Research	NIL	30000
2015	Mr.B.Niranjana Rao	AIChE Spring meeting and GCPS, Texas,USA	NIL	81798
2015	Mrs.P.N.L.Pavani	International Journal of "Mechanical Science and Technology	NIL	20000
2015	Mr.LV Suresh Kumar	Recent trends and applications in smart and microgrids Intelligence in Data Mining Electrical Power and Energy Systems	NIL	43136
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development	Title of the administrative training	From date	To Date	Number of participants (Teaching	Number of participants (non-teaching

	programme organised for teaching staff	programme organised for non-teaching staff			staff)	staff)
2015	NA	Communication Skills	01/12/2015	02/12/2015	0	20
2015	NA	Transactions and Self Analysis	06/11/2015	06/11/2015	0	22
2015	NA	Communication Skills	03/11/2015	04/11/2015	0	52
2015	Strat Plan Workshop	NA	15/09/2015	16/09/2015	35	0
2015	Workshop on Team Spirit	NA	16/07/2015	17/07/2015	30	0
2015	NA	Technical training programme on 3D modeling	23/05/2016	24/05/2016	0	8
2016	A Two day National Seminar on Climate Efficient Process Industries (CEPI-2015)	NA	04/03/2016	05/03/2016	28	0
2016	Workshop on Computational Fluid Dynamics Applications in Process Industries: Recent Developments 2k16 (CFDA PIRD2k16)	NA	15/04/2016	16/04/2016	19	0
2016	A two-day National Workshop on Urban Mobility for Smart City Development	NA	01/04/2016	02/04/2016	24	0
2016	Advanced Signal	NA	21/03/2016	25/03/2016	46	0

Processing Applications in Electronics and Telecommunication				

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Research Methods for Engineers	1	31/05/2016	04/06/2016	5
Advanced Signal Processing Applications in Electronics and Telecommunication	5	21/03/2016	25/03/2016	5
Real Time Digital Simulator for SHP Plant	2	09/05/2016	14/05/2016	6
Emerging Trends in Powers Electronics Power Systems	4	16/05/2016	20/05/2016	5
Road Accident Analysis of India Using K Mean Clustering (Training Program)	1	27/04/2016	07/05/2016	11
Real Time Digital Simulator for SHP Plant	1	08/06/2015	13/06/2015	6
Selection Design of Electro Mechanical Equipment for SHP	1	16/11/2015	20/11/2015	5
Machine Learning	2	11/03/2016	16/03/2016	6
Digital Communications and FEC coding techniques	1	11/04/2016	15/04/2016	5

Energy Conversion and Storage	1	09/05/2016	14/05/2016	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	24	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF, Gratuity, Group Medical Insurance, GPA and GTA, Tuition Fee Concession, Concession in medical support, Campus Accommodation, Cooperative Credit Society and financial support for workshops/conferences and paper publications	PF, Gratuity, Group Medical Insurance, GPA and GTA, ESI, Concession in Medical support, Tuition fee Concession, Cooperative Credit Society.	Accident and Medical Insurance facility, 24×7Medical assistance, Concession in medical support, Proctor System and Student Counselling, Coaching for Higher studies and Competitive Exams and financial support for workshops/conferences and paper publications

6.4 – Financial Management and Resource Mobilization

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

The objective of the audits is to assess and evaluate the adequacy and effectiveness of the internal control systems deployed by the institute. The audit is carrying out using a sampling approach, analysis of data, review of accounting, materials management payment processes, validation of information, combined with discussions with respective process owners. Review of Recruitment of employees, Procurement Policy, Contract Bills contract Agreements, Disbursement of salaries, Documents attached to Invoices, Compliance with contracts entered Scrutiny of Non-PO based expenses, Attendance records of teachers and other staff.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management	11926000	Infrastructure and Equipment
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	Yes	AQA(I) International, Hyderabad	Yes	QAC
Administrative	Yes	B.V.Rao CO Charted Accounts, Visakapatnam	Yes	MAG Auditory, Bangalore

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

1. Counseling to students 2. Feedback from parents for the overall growth of the Institution 3. Personal attention of the students for holistic growth through mentoring

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

1. Training programs on Personality Development 2. Workshops for skill up-gradation 3. Motivational talks to enhance interpersonal skills

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

1. Capacity building of faculty members in the context of outcome-based education for effective curriculum design 2. Industry engagement through a full semester internship (FSI) 3. Examination reforms

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2016	External ISO Audit for ACY 2015-2016	08/03/2016	22/07/2016	22/07/2016	9
2015	Patents and Copy Rights for Maximizing research impact	08/10/2015	26/12/2015	27/12/2015	40
2015	Development of Quality Management System (QMS) similar to existing ISO	29/06/2015	01/06/2015	31/05/2016	19
2015	Internal ISO Audit #1	08/10/2015	29/06/2015	30/06/2015	19
2016	Internal ISO Audit #2	10/01/2016	26/02/2016	29/02/2016	19
2016	Workshop on	10/01/2016	05/03/2016	07/03/2016	50

Theories in Learning and Curriculum Design			

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Workplace Communication Skills among Communication Skills Among Genders	03/11/2015	04/11/2015	35	17
Hospitality Transactions and Self Analysis	06/11/2015	06/11/2015	12	10
Workplace Communication Skills among Communication Skills Among Genders	01/12/2015	02/12/2015	12	10
Women's Day Celebrations	08/03/2016	08/03/2016	80	15
Women's Week Celebrations	02/03/2016	08/03/2016	70	10

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
(1) Solid waste management (2) Liquid waste management (3) e-waste management (4) Solar energy (5) Use of LED bulbs/ power-efficient equipment (6) Sensor-based energy conservation Percentage of power requirement of the University met by the renewable energy sources - 70 Approx.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	Yes	1
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	3
Scribes for examination	No	0

Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2015	1	1	05/04/2015	1	Clean Rajam - Green Rajam under Swachh Bharat Abhiyan (13th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : Dolapeta, Rajam.	120
2015	1	1	19/04/2015	1	Clean Rajam - Green Rajam under Swachh Bharat Abhiyan (14th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : RB Bungalow, Near Poli papalli Ammavari Temple, Bobbili Road, Rajam	100
2015	1	1	03/05/2015	1	Clean Rajam - Green Rajam under Swachh Bharat Abhiyan (15th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : Tahsildar	100

						and Mandal Executive Magistrate Office (MRO Office), Tana Street, Kanchara Street and Medara Street of Rajam	
2015	1	1	17/05/2015	1	Clean Rajam - Green Rajam under Swachh Bharat Abhiyan (16th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : Junior Civil Judge Court Premises, Rajam.	100
2015	1	1	11/06/2015	10	International Day of Yoga 2015	Conducted Yoga camp to create awareness on work-life balance and significance of Yoga practices	62
2015	1	1	20/06/2015	1	Awareness Programme on Road Safety	Awareness Programme on Importance of Helmets to ensure road safety in association with Eenadu, Telugu Daily News Paper	150

2015	1	1	21/06/2015	1	International Day of Yoga 2015 (21st June 2015)	Conducted Yoga camp to create awareness on work-life balance and significance of Yoga practices	300
2015	1	1	03/07/2015	1	Awareness Programme on Road Safety	Conducted Awareness Programme on Importance of Helmets usage in association with eenadutelugu daily news paper	150
2015	1	1	05/07/2015	1	Clean Rajam – Green Rajam under Swachh Bharat Abhiyan (17th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : Palakonda junction of SrikakulamRaod, Rajam	120
2015	1	1	26/07/2015	1	Clean Rajam – Green Rajam under Swachh Bharat Abhiyan (18th Spell)	Engagement of community to create awareness on cleanliness and hygiene. Location : GMRIT Campus	120
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of Business Conduct	01/06/2015	Students: (1) Studemt

Ethics		shall conduct himself in an exemplary manner and shall do all necessary things to uphold the prestige and reputation of GMRIT. He/She shall not involve in any strikes, demonstrations and in any other unlawful activities, both inside and outside the campus. He/she understnafd any violation, on his/her part, of the disciplinary measures prescribed by the institute will attract imposition of fines, suspension and even rustication or any other punishment deemed fit by the authorities, and he/she abide by the decision that would be taken by the authorities. (2) He/she understnad that ragging of junior students is inhuman and punishable under law. He/she promise that he/she will not involve in any form ofragging. I clearly understand that any person (may be myslef) who so ever is directly or indirectly involved in ragging is subject to serve punishment, can be booked in a criminal case, and can be arrested. (3) He/she shall strictly abide by all the rules of the institution.
Code of Business Conduct Ethics	01/06/2015	Faculty Staff: Institution has a Handbook of Code of Business conduct and Ethics and is intended to provide guidelines for professional, Ethical, Legal and Social Responsible behaviour that the institute expects from its employees. All employees on regular rolls of the institute including employees on contract

governed by the policy. Employees are the representatives of the institute and hence are expected to demonstrate high degree of discretion and astute judgement in their dealings. The code of Business conduct Ethics is written in the aspect of National Interest, Institute Brand, Group Social Responsibilty, Sexua Harassment, Competition, Quality of Services, Equal Opportunities, Accurate and COmplete Accounting, Settlement if Expenses, Protection of Intellectual property, Confidentiality abd Nondisclosure, Collaboration with in GMR companies, Falsification and Destruction of information, etc.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environment Day	05/06/2015	05/06/2015	20
World Blood Donor Day	14/06/2015	14/06/2015	50
Teachers Day	05/09/2015	05/09/2015	300
Engineers Day	15/09/2015	15/09/2015	300
National Girl child day (India)	24/01/2016	24/01/2016	45
Voter Day	27/01/2016	27/01/2016	50
World Cancer Awareness Day	03/02/2016	03/02/2016	35
World Peace and Understanding Day	23/02/2016	23/02/2016	25
National Science Day	28/02/2016	28/02/2016	100
World Water Day	22/03/2016	22/03/2016	30

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

(1) Solid waste management (2) Liquid waste management (3) e-waste management (4) Solar energy (5) Use of LED bulbs/ power-efficient equipment (6) Sensor-based energy conservation (7) Air pollution management - Thursdays observed as pollution-free days (8) Separate Horticulture department

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice #1 Title of the Practice: Promoting Participative Management of Internal Stakeholders in the Teaching-Learning Process through Academic Monitoring Committee Objectives: • To initiate and deploy an effective diagnostic approach by involving internal stakeholders (i.e. students) in taking the feedback for continuous improvement in the Teaching-Learning process • To ensure smooth and efficient management of academics by monitoring various academic activities • To assess the performance of students in academics and other related activities • To address the issues related to the teaching-learning process • To provide a platform for all stakeholders encouraging constructive feedback mechanism to improve the teaching-learning process The Context: The Academic Monitoring Committee is an initiative to encourage participative management of all stakeholders, particularly the relevant students in the teaching-learning process. It acts as a robust feedback mechanism for supervising/improving the curriculum delivery and evaluation process at the grass-root level. Academic Monitoring Committee cross-references between curriculum and instructional elements. It provides guidance and support in improving the implementation of the curriculum by instigating various supportive measures as and when required based on feedback received. The Practice: Academic monitoring Committee for a class comprises of head of the department, faculty handling all theory practical courses, and students from diversified categories. The committee meets 2-3 times in a semester to discuss the deployment of curriculum delivery aspects, assess the performance of students, issues related to the teaching-learning process, general issues which are found to have an impact on the effectiveness of learning among students and encourages constructive feedback from students/teachers to improve the overall quality of the curriculum delivery process and ensures effective teaching-learning is in place. Evidence of Success: • Improvement in students pass percentage in continuous assessments and end semester examinations • Increased ICT tools usage in classrooms by teachers • Increased participation of students in extra and co-curricular activities indicating holistic development • Improvement in teacher-student relationship with a high degree of transparency Problems Encountered and Resources Required: • Stakeholders open mindset to discuss on the issues hampering the teaching-learning and evaluation process and strive to improve the same • Bringing confined among students in this process at the initial stage to share ground reality feedback on curriculum delivery aspects in the class • Some teachers are reluctant/find it difficult to adapt to contemporary instructional delivery strategies in line with the specific needs of students and prefer to stick on to conventional chalk and talk methodology • Stakeholders view this platform for addressing their grievances rather than a platform for improving the curriculum delivery, assessment and evaluation process Practice #2 Title of the Practice: Aligning Curriculum Design, Development, Delivery and Assessment in line with Outcome Based Education (OBE) Objectives of the Practice: • To align the curriculum design, development and delivery in line with outcome based education for effective classroom delivery and assessment • To identify and deploy suitable delivery strategy and ways of providing learner centric experience to students • To assess the learning outcomes in terms of attainment of desired educational objectives. • To ensure effective conceptualization of the curriculum • To equip graduates with 21st century skills The Context: GMR Institute of Technology is an autonomous institution deploying outcome based education (OBE) in a true spirit. However, keeping in view the significant developments taking place at global level concerning the concept of outcome based education i.e. its transformation from traditional OBE to transformational OBE via. transitional OBE, the institute felt the need of adopting these strategies to equip the graduates with 21st century skills. The primary focus is to have a

robust mechanism in place to ensure that the curriculum design delivery and assessment catering to the needs of graduates to attain 21st-century skills. In this context, curriculum design and development in the institute has taken a lateral dimension to develop the curriculum in such a way that it addresses the issues discussed above. The Practice: The institute revises the academic regulations based on the needs of the stakeholders at appropriate times. The department Board of Studies (BoS) committee comprises of representatives from academia, industry, alumni, special invitees from professional bodies, and faculty of the department. BoS committee meets twice a year to deliberate on the issues regarding stakeholders' expectations and ensures that the curriculum caters to these needs. Utmost care will be taken by the committee to ensure that the designed curriculum can be deployed successfully in the way it is intended keeping the attainment of outcomes with appropriate timelines to achieve the overall target performance level. The institute Academic Council comprising of eminent personalities from academia, industry, heads of the departments, heads of the institute and management approves the curriculum and can further be successfully deployed in the classroom. Evidence of Success: The following best practices are being introduced in the curriculum to a student-centric learning experience to the students. • One credit courses designed and delivered by industry experts • Integrated courses aiding in understanding the concepts more lucidly with the help of parallel laboratory sessions, • Summer internship for one month with credits • Full semester internship • Co-curricular and extra-curricular activities with credits etc. • Pre-planning and adoption of various curriculum delivery strategies by teachers catering to the needs specific to the subject as well as students learning levels as compared to only chalk and talk method of delivery Problems Encountered and Resources Required: • Resistance to change is inevitable. It is challenging to mobilize the students to take an active part in the teaching-learning process as the younger generations especially in the rural background are accustomed to rote memory learning for years together • Few teachers are reluctant/find it difficult to adopt contemporary instructional delivery strategies in line with the specific needs of students and prefer to stick on to conventional chalk and talk methodology. Several sensitization sessions are planned and to make them understand the importance of these strategies • To encourage the teachers and students to adapt to new teaching-learning strategies, all the classrooms are made compatible to handle ICT tools which further enable ICT based curriculum delivery • All the instructional material was made available in the local area network to inculcate the habit of self-learning and keep up to date with the classwork • Further, to deploy the modern curriculum delivery methods and take advantage of their potential in improving the students learning experience, modern tools like mobile phones, laptops, etc. are required by each and every student for usage in the classroom. However, permitting such tools into the classroom is a trade-off between existing government rules, financial status and above all mindset of the students to use them judicially without prejudice to core values and ethics of education

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://61.246.187.116/gmritnew/ssr/Others/Best_Practices_2015-2016.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Examination Reforms in the Evaluation Process (Uniform Evaluation): The Institution was granted with the status of autonomy during the academic year 2012 – 2013 and continued with the affiliation with the parent University, JNTUK, Kakinada. And earlier to this status of autonomy, the Institution had a

very good learning experience in all the academic eco-system and observed several students appearing for revaluation and challenge evaluation after the announcement of results with the conventional evaluation procedure. With this experience, the Institution had a detailed deliberation with all the relevant stakeholders through Board of Studies (BoS) and Academic Council, to evolve a transformational strategy in the evaluation process under autonomous governance of GMRIT and realizing the importance of valuation system in an autonomous institution. After having necessary discussion, the Institute came up with up strategy and introduced Uniform Evaluation during the Academic Year 2013 – 2014, which is totally a different concept of evaluation than that of Conventional Evaluation. The members suggested following the uniform evaluation pattern by enabling a particular teacher to evaluate the answer for a particular student's response for a particular question in all the scripts. And this practice is followed for all such responses in the answer booklet. Over a period of time, this practice has given a confidence among the internal stakeholders about the evaluation procedure and the number of issues after evaluation is found to be less and conversion ratio to subsequent higher grades is also found to be less than that of the conventional procedure of evaluating the entire script by a particular teacher. Another important point being noticed is the improved consistency of scoring the students' responses with the Uniform Evaluation. Though the process is little bit complicated and needs utmost attention, the practice of Uniform Evaluation yielded good outcomes and practices and still it is continued in practice considering the robustness of the process.

Provide the weblink of the institution
http://61.246.187.116/gmritnew/ssr/Others/Institutional%20Distinctiveness_2015-2016.pdf

8.Future Plans of Actions for Next Academic Year

The institution is very much keen on adopting and deploying the best practices in all the possible dimensions in the academic ecosystem in accordance with the vision of the institute in the journey of academic excellence. In this context, there are several initiatives are deployed post accreditation (Cycle 2) and year on year the initiatives are strengthened based on the learning experience gained during the implementation process. Accordingly, the following are the plans for the forthcoming academic year 2016-2017. 1. Strengthening Outcome-Based Education 2. Introduce new evaluation pattern of sessional examinations 3. Enhance the activities of student activity Centre for active interaction and involvement of students in various activities 4. Campus recruitment training programs to enhance student's employability 5. Enhance the activities of research forums to impart the knowledge on emerging and thrust areas 6. Enhance research publications in reputed journals 7. Improve collaborative research through joint publications 8. Motivate the faculty towards industrial and academic consultancy 9. Enhance industry-institute interaction for internship 10. Strengthen the activities of Alumni 11. Motivate and encourage students in all branches to participate in incubation and entrepreneurship programs 12. Strengthen Personality Development Programs which improve the soft skills of the students and enhance their employability