

# ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2013-2014



## CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

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Submitted to NAAC



**National Assessment and Accreditation Council**  
**An Autonomous Institution of the University Grants Commission**  
**P.O. Box No.: 1075, Nagarbhavi,**  
**Bangalore – 560072, Karnataka, INDIA**

**The Annual Quality Assurance Report (AQAR) of the IQAC-2013-2014****Part – A****1. Details of the Institution**1.1 Name of the Institution 1.2 Address Line 1 Address Line 2 City/Town State Pin Code Institution e-mail address Contact Nos. Name of the Head of the Institution: Tel. No. with STD Code: Mobile: Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID

1.4 NAAC Executive Committee No. &Date:

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

S.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.11	2013	2018
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC:

1.8 AQAR for the year

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR- 03.07.2014 (DD/MM/YYYY)
- ii. AQAR\_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR\_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR\_\_\_\_\_ (DD/MM/YYYY)

## 1.10 Institutional Status

University  State  Central Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution (AICTE, PCI, ISO) Yes  No

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

## 1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

## 1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme	<input type="text" value="N/A"/>	DST-FIST	<input type="text" value="N/A"/>
UGC-Innovative PG programmes			
UGC - COP Programmes	<input type="text" value="N/A"/>		<input type="text" value="N/A"/>

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

2.1 No. of Teachers	<input type="text" value="05"/>		
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>		
2.3 No. of students	<input type="text" value="01"/>		
2.4 No. of Management representatives	<input type="text" value="01"/>		
2.5 No. of Alumni	<input type="text" value="01"/>		
2.6 No. of any other stakeholder and Community representatives	<input type="text" value="01"/>		
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>		
2.8 No. of other External Experts	<input type="text" value="01"/>		
2.9 Total No. of members	<input type="text" value="13"/>		
2.10 No. of IQAC meetings held	<input type="text" value="02"/>		
2.11 No. of meetings with various stakeholders:	<input type="text" value="01"/>	No. Faculty	<input type="text" value="03"/>
	Non-Teaching Staff <input type="text" value="01"/>	Students <input type="text" value="01"/>	Alumni <input type="text" value="01"/>
		Others	<input type="text" value="01"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/>	No	<input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text" value="-"/>		
2.13 Seminars and Conferences (only quality related)			
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC			
Total Nos.	<input type="text" value="-"/>	International	<input type="text" value="-"/>
		National	<input type="text"/>
		State	<input type="text" value="-"/>
		Institution Level	<input type="text" value="-"/>

(ii) Themes

-
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## 2.14 Significant activities and contributions made by IQAC

Planning, execution, monitoring, auditing, reviewing and reporting of various activities and systems for quality assurance of the institution continuously.
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## 2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Academics	

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

2.16 Whether the AQAR was placed in statutory body    Yes     No

Management     Syndicate     Any other body  **General Body Meeting**

Provide the details of the action taken

Suitable changes were made to the AQAR following inputs from the members.
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**Part – B****Criterion – I****1. Curricular Aspects**

## 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	06	-	-	-
UG	04	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	10	-	-	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

## (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	-
Annual	01

## 1.3 Feedback from stakeholders\*

Alumni  Parents  Employers  students   
*(On all aspects)*

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

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

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

Yes, Subjects and syllabi were revised according to R13 regulations

1.5 Any new Department/Centre introduced during the year. If yes, give details.

N. I Centre is added

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
153	101	34	18	--

2.2 No. of permanent faculty with Ph.D.

15

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
28	-	2	-	3	-	-	-	33	

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	-	12	-
Presented	-	2	-
Resource Persons	-	-	-



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

- Project based learning, computer assisted learning, E-resources containing online quiz examinations, experimental learning through various software seminars, etc, use of teaching models and charts during practical hours, audio visual aids.
- Computer assisted learning, facilities such as LCD projector, Computers, and internet, web sources.
- Presentation of seminars, research papers, with innovative teaching module.
- Comprehensive evaluation of the students is performed periodically through quiz, oral viva test, assignment, unit test, online MCQ test.
- Providing study material to slow and advanced learners.

2.7 Total No. of actual teaching days during this academic year 2102.8 Examination/ Evaluation Reforms initiated by the Institution Double Valuation2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development 05  
As member of Board of Study/Faculty/Curriculum Development workshop2.10 Average percentage of attendance of students 79%

## 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Specialization	Total no. of students appeared	Total no. of students Pass out	Division			
				Distinction%	I %	II %	Pass %
B.Tech	EEE	45	30	12	11	0	7
B.Tech	ME	50	37	6	30	1	0
B.Tech	ECE	95	77	38	32	7	0
B.Tech	CSE	92	52	17	32	3	0
M.Tech	CSE	28	23	11	12	0	0
M.Tech	VLSI System Design	12	11	10	1	0	0
M.Tech	CAD/CAM	13	12	11	1	0	0
M.Tech	Power Electronics and Drives	16	16	14	2	0	0
MCA	MCA	42	39	34	5	0	0
MBA	MBA	87	69	6	59	4	0

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

The Institute has formed IQAC to ensure continuous improvement in the institution by effective planning, execution, monitoring, reporting various activities of the institution and to assure stakeholders connected with higher education namely, students, parents, teachers, staff, and employers, funding agencies and society in general of the accountability of the institution for its own quality.

## 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programs	-
Orientation programs	-
Faculty exchange programs	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	01
Others	-

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	23	-	06	-
Technical Staff	25	-	04	-

**Criterion – III****3. Research, Consultancy and Extension**

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

Many faculties have been encouraged to pursue Ph.D programs and guidance for research publications is also provided. The staffs are also encouraged to publish both in national and international journals.

## 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	02	-	-
Outlay in Rs. Lakhs	-	42.61lakhs	-	-

## 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	-	-	-
Outlay in Rs. Lakhs	1lakh	-	-	-

## 3.4 Details on research publications

	International	National	Others
Peer Review Journals	28	5	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	--	10	--

## 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3	DST-SERB	2256000	2256000
	3	DAE-BRNS	1905000	1905000
Minor Projects	1	Tirupati Urban District police	1,00,000	1,00,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects ( <i>other than compulsory by the University</i> )	-	-	-	-
Any other(Specify)	-	-	-	-
Total	7	-	42,61,000	42,61,000

-

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST

DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE  DBT  Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences Organized by the institution

Level	International	National	State	University	College
Number	-	01	-	-	-
Sponsoring agencies	-	IPA	-	-	-

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College

Total

3.16 No. of patents received this year

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

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

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

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

01

-

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

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. Of students participated in NCC events:

University level  State level

National level  International level

3.23 No. of Awards won in NSS:

University level  State level

National level  International level

3.24 No. of Awards won in NCC:

University level  State level

National level  International level

## 3.25 No. of Extension activities organized

University forum	-	College forum	-
NCC	-	NSS	10
		Any other	03

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

- International Yoga day celebrations
- Tree plantation
- Independence day celebration
- Blood donation camp
- Special camp
- Rallies and awareness programmes

**Criterion – IV****4. Infrastructure and Learning Resources**

## 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	17.2acres	-	self	17.2 acres
Class rooms	45	-	self	45
Laboratories	25	-	self	25
Seminar Halls	07	-	Self	07
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	03	02	Self	05
Value of the equipment purchased during the year (Rs. in Lakhs)	15	10	Self	25Lakhs
Others	-	-	-	-

## 4.2 Computerization of administration and library

Library is equipped with reading room, internet and reprographic facility. Books are completely barcoded.

## 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	25707	39,00,000	3951	1538817	29658	54,38,817
Reference Books	-	-	-	-	-	-
e-Books	251	-	-	-	251	-
Journals	15	78200	155	-	170	
e-Journals	1	60480	1	313311	2	373791
Digital Database	-	-	-	-	-	-
CD & Video	950	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

## 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	515	10	01	01	00	01	06	-
Added	10	-	-	-	-	-	-	-
Total	525	10	01	01	00	01	06	-

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

Library has been upgraded and wi-fi facilities are available throughout the campus for the students and faculty.

## 4.6 Amount spent on maintenance in lakhs:

i) ICT	50,000
ii) Campus Infrastructure and facilities	10, 00,000
iii) Equipments	4, 50,000
iv) Others	1, 50,000
<b>Total:</b>	<b>16, 50,000</b>

**Criterion – V****5. Student Support and Progression**

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

The contribution done by IQAC is planning at the start of the academic year related to what sort of activities should be arrived out for guidance of students.

Placement cell is also actively involved carrying out various activities by personality analysis test, guidance lectures for resume preparation, facing an interview etc.

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

Institutional continuously monitor at various levels and HOD quarterly meeting for the discussion related to academic progress and overall progress of students.

Student monthly attendance and performance in internal examination is monitor.

Parents are intimated through phone calls and letter.



## 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
162	220	-	-

(b) No. of students outside the state

17

(c) No. of international students

-

Men	No.	%
	277	72

Women	No.	%
	105	28

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
274	42	5	236	-	557	207	39	3	133	-	382

Demand ratio    Dropout %

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

Preparation and utilization of GATE database containing more than 1200 MCQS in Each Branch of engineering subjects and more than 500 MCQs in each subject. Pre GATE counseling session has been conducted for third year and final year students.

No. of students beneficiaries

150

## 5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	52	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	40

## 5.6 Details of student counselling and career guidance

S.No	Name of the person	Topic of guest lecture
1	Rama Moorthy, Head constable Tirupti.	Counselling on behaviour and ethics 12-12-2013

No. of students benefitted

## 5.7 Details of campus placement

	On campus		Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
15	200	125	10

## 5.8 Details of gender sensitization programmes

The institution has formed women cell to increase the awareness solved women related issues and organized various women upliftment, programme, counseling of women and address to gender sensitizing problem.

The object of cell encircles around empowering woman and enabling students to address the complaint to head of the institute at the female faculty members.

Separate suggestion box was provided for girls.

## 5.9 Students Activities

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

State/ University level

National level International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	1160	3.97 cr
Financial support from other sources	--	--
Number of students who received International/ National recognitions	-	-

## 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: The Students grievance redressal cell has addressed one issues the details of which are maintained in the cell. **Nil**

**Criterion – VI****6. Governance, Leadership and Management**

## 6.1 State the Vision and Mission of the institution

**Vision:** Ensuring a perpetual improvement in educational quality with an experience in Pharma education and redefining strategies to create & innovate.

**Mission:** Empowering with technological innovative, world-class reputation and a rewarding education in pharmacy developing highly skilful and competent professionals.

## 6.2 Does the Institution has a management Information System

The organisational structure and responsibility of individual heads is highly instrumental in ensuring that adequate information is available for the management, to review the activities of the institution.

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

#### 6.3.1 Curriculum Development

The development of the curriculum done by the university and the institution deploys the action plan for implementation. The teachers are encouraged to translate the curriculum to improve the teaching method. The institution contributes to the effective implementation of the curriculum by the participation of the teachers in syllabus design. The institutional regularly interact with them by sending their suggestion for a modification in the curriculum and in the syllabus of various subjects.

#### 6.3.2 Teaching and Learning

The college has adopted the following strategies to ensure an effective teaching learning process. Feedbacks are obtained from stake holders on the teaching learning process and continuous improvements are effected for better outcomes.

- The college conducts academic audits for departments and are encouraged to inculcate innovation and best practice in teaching and learning.
- The students are assigned tutorials, assignments, project works, seminars and participatory learning activities are encouraged.
- Maintenance of log books, clerkship records and teaching records at post graduate level teaching.

#### 6.3.3 Examination and Evaluation

The examination and evaluation process of the college is designed within the framework of the guidelines stipulated by the respective examination committee, after discussion. The evaluation process so designed is approved by the Academic Council and ratified by the Board of Management.

The students are evaluated continuously through quiz and viva in the practical section. The evaluated answer sheets are shown to the students for improving their performance in next exam.

The external and internal evaluation of the student is carried out for comparison of percentage in both.

#### 6.3.4 Research and Development

The college promotes research for quality education and academic excellence. The teachers and students are involved in consultancy services and try to generate revenue. Motivate the students for the minor research project UG and PG.

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

The library provide for a range of study spaces from a noisy open group study at one end to the single silent open and close study space at the other end.

Library has computer work stations to provide online and Internet services to the faculty and students.

The departments and the library reading areas have Wi-Fi connectivity.

### 6.3.6 Human Resource Management

Recruiting the qualified and experienced faculty by properly constituted committee of the college.  
 Maintaining the faculty: student ratio as per norms.  
 Deputing the faculty for conferences, workshops for up gradation of knowledge.  
 Welfare schemes for faculty and staff.

### 6.3.7 Faculty and Staff recruitment

The college has laid down norms for the recruitment of teaching and non teaching staff as per the norms of the JNTUA. The recruitment is by open advertisement and the selection is by the selection committee constituted by management.  
 The recruited faculties are assessed annually by self appraisal method and peer evaluation and student feedback analysis of which gives way for further enhancement and up gradation of their skills and knowledge. The university also encourages faculty participation in continuing education programs as well as various national and international training programs, workshops and conferences. Skill development programs are mandatory for the non-teaching faculty of the college.

### 6.3.8 Industry Interaction / Collaboration

Consultancies in pharmacy and development of new formulations. Industry Institution Interaction Cell (IIC) which facilitates guest lectures by industry experts, students training, etc.

### 6.3.9 Admission of Students

EMCET, ECET, PGCET, GATE, interviews and counseling.

### 6.4 Welfare schemes for

Teaching	YES
Non teaching	YES
Students	YES

### MEASURES STAFF WELFARE

#### (A) STATUTORY REQUISITES:

- ❖ Provident fund

#### (B) OTHER WELFARE MEASURES:

- ❖ Group insurance
- ❖ Accident Coverage
- ❖ Earned Leave encashment

- ❖ Staff Quarters
- ❖ Uniform

## (C) FINANCIAL SUPPORT / OTHER FACILITIES:

## i. GENERAL

- ❖ Festival Advance
- ❖ Salary Advance
- ❖ Education loan

## ii. FOR ACADEMIC ACTIVITIES:

(D) Financial support for attending / presenting paper at National & International seminars & Conferences.

## LEAVE FACILITIES:

- ❖ Casual Leave
- ❖ Sick Leave
- ❖ Maternity Leave

FACILITIES FOR FACULTY AND STAFF

- ❖ Book Publication Grant
- ❖ Transport Facility
- ❖ Canteen
- ❖ Bank inside the campus
- ❖ ATM facilities inside the campus
- ❖ Gymnasium inside the campus
- ❖ Temple inside the campus
- ❖ Faculty and staff recreation club
- ❖ Sports and Recreational Cultural activities
- ❖ Yoga, Pranayama, Meditation training for healthy living

6.5 Total corpus fund generated

Rs.45,00,000

6.6 Whether annual financial audit has been done

Yes No 

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes		Yes	CREC
Administrative	Yes		Yes	CREC

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

For UG Programmes Yes  No

For PG Programmes    Yes                      No

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

- Biometrically protected question paper preparation and document storage section

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

- Empowerment of HOD'S to implement newer methodologies in Teaching-Learning process and also to conduct programmes for faculty development.

6.11 Activities and support from the Alumni Association

- The Alumni Association has been conducting meetings on a regular basis.

6.12 Activities and support from the Parent – Teacher Association

- Regular Parent-Teacher meetings are conducted twice a year.
- The parents give their feedback on the conduct of the academic programmes to the Internal Quality Assurance Cell and other college committees.

6.13 Development programmes for support staff

- Pranayama Training Program
- Self- Development Program
- Occupational Hazards Training Program
- Stress Management Program
- Meditation Program
- Independence Day celebration

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

- Environment awareness program
- More Trees for more oxygen and less Carbon for a Healthy Environment
- The Campus is strictly a NO SMOKING zone

## Criterion – VII

### 7. Innovations and Best Practices

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

- Facilitation of student extracurricular activities – Access to gymnasium.
- Enhancement program to facilitate job opportunities.
- Implementation of latest teaching aids.
- Soft skill development program for faculties and staffs.
- Faculty of public health was started.
- R&D lab established.

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

S.No	Plan of Action	Action taken report
1.	Releasing the calendar of activities for the entire academic year.	Released the calendar of activities for the entire academic year for implementations.
2.	Implementing the concept of PROJECT BASED LAB for all the core laboratory courses.	Implemented the concept of PROJECT BASED LAB for all the core laboratory courses.
3.	Organising subject based seminars and subject based workshops	Subject based seminars and subject based workshops are organized by the departments.
4.	Implementing the concept of Lab taken to the class room.	Implemented the concept of lab taken to class room for all the core courses.
5.	Offering Academic flexibilities	Offered Academic flexibilities to students.
6.	Involving students in various committees.	Involved students in various committees for better improvement in the system.
7.	Establishing MATLAB	MATLAB established for the students and for faculty doing research.

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

- Safety audit of College facilities.
- Recognition of high quality research publications.

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



## 7.4 Contribution to environmental awareness / protection

- Environment awareness and campus environment day was celebrated on 05/03/2014 to raise awareness among public and individuals in campus to take positive environmental action to protect nature and the planet earth.
- Continuous and frequent fire drills conducted within the college campus to ensure prompt fire control and environment safety.

7.5 Whether environmental audit was conducted? Yes  No

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

- Students are involved in various committees and their inputs are analysed for improvement in the processes and system.
- Placement registered students is done periodically and necessary training is imparted to the students in accordance with their weakness.
- Research groups are constituted for strengthening the research.

8. Plans of institution for next year

- To conduct international conferences.
- Augmenting sponsored (funded) research projects.
- Up gradation of library facilities.
- Up gradation of labs and equipments

Name – Prof.S.Mallikarjunaiah

Name – Dr. D.B.V. Jagannadham




Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

PRINCIPAL  
CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
TIRUPATI