

# **ACADEMIC AUDIT 2020-21**

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**Sir C R Reddy College (Autonomous)  
Eluru**

**A Report on the Academic Audit  
For the year 2020-21**

*(By the External Peer Team)*



**Dates: 22<sup>nd</sup> to 24<sup>th</sup> April 2021**

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# Academic Audit 2020-2021



## 1. Introduction

Sir C R Reddy College founded on 4th July 1945 by Sir Cattamanchi Ramalinga Reddy, the distinguished educationist and the then Vice-Chancellor, Andhra University and the college was named after him "Sir C.R. Reddy Municipal College". The college started functioning as a second grade college with Sri D.S. Subrahmanyam as the Founder Principal. Later on the college was upgraded with PG courses. This College was one among a very few colleges accredited at "A" Grade by National Assessment and accreditation council (NAAC), Bangalore in February 2005. University Grants Commission (UGC) conferred Autonomous status to the college in 2006-2007. During the year 2009-10, the University Grants Commission selected our Institution as 'College with Potential for Excellence' (CPE). Our College was Re-Accredited at 'A' Grade by NAAC, Bangalore in the month of March 2011. Then in the year 2017 the college got 'A' Grade Accreditation with score 3.21 on 4.0 point scale by NAAC Bengaluru for the third cycle. Therefore, the authorities in line with its Vision & Mission working for better grade in the fourth cycle by looking into its strengths and weakness and identify the scope of further improvement.

## 2. Audit Committee

The IQAC, Sir C R Reddy College (Autonomous), Eluru constituted a four members committee on 12-03-2021 to conduct an Academic Audit of the College. This is an external peer team for Academic Audit, committee is comprised of the following members:

- ❖ Dr. T Raja Rajeswari, Principal, Govt. Degree College, Eluru.
- ❖ Dr. R Madhavi, IQAC Coordinator, Ch. S. D. St. Theresa's College for Women (Autonomous), Eluru.
- ❖ Dr. M Satyanarayana, Former Principal, PR Govt. Degree College, Kakinada
- ❖ Sri. N Veera Swamy, Principal, JAISAL Vocational Training Center, Vijayarai-534475.

## 3. Objective & Scope Of The Audit

The Principal, Dr. A Veerabhadra Rao. at a preliminary meeting, held on 22-04-2021, with the members, outlines the broad objectives of the academic audit as an independent assessment of the College by an external peer team comprising of the above members. Accordingly, the audit team decided to look into the prevailing situation at the College along the following aspects in course of the audit.

### Scope

- Methodology of teaching and learning conducted for the different Programmes run by the College
- Functioning of the Laboratories and Computer Facilities
- Examination and Evaluation system
- Activities of the Internal Quality Assurance Cell
- Library and the Central Research Lab Facility and Sports Facilities
- Outreach Programmes conducted by the College including the NCC and NSS Programmes
- Alumni and their contributions to the College

The team is empowered and expected to express views and give suggestions for the improvement of the systems being followed by the College.

**4. Methodology & Schedule**

In the Inaugural meeting held on 22-04-2021 with the Principal, the Vice Principal, Coordinator - IQAC, Member Secretary Academic Council, the Controller of Examinations, HODs and other officials, a presentation was made by the Principal which gave a general and broad profile of the facilities and activities of the College.

The Audit team began their visit as per schedule, to visit the various departments and facilities, for brief interactions with the faculty of each department, the students of the department streams and the support staff. Visits to the laboratories, Computer facilities, the Library and some of the other facilities of the College were accommodated in the schedule arranged by the College to enable the Audit Committee to acquire relevant firsthand information.

Based on the information/data gathered from the available documents and the interactions afforded with the different components of the institution, the Audit Committee has made a sincere endeavour to put forward certain views, observations and recommendations in the body of this report with expectations that these recommendations, when implemented, will best serve the interest of the College as intended.

**Schedule for Academic Audit**

**Day 1 - Thursday, 22<sup>nd</sup> April 2021**

Time	Schedule				Venue
10:00 AM	Inaugural Meeting				Conference Hall
10:30 AM	Meeting with faculty members				Audio Visual Hall
<b>11:15 AM – 03:35 PM Departmental Visits</b>					
11:15 AM	Physics	Ground Floor	11:15 AM	Chemistry	Ground Floor
11:35 AM	Electronics	Ground Floor	11:35 AM	History	1 <sup>st</sup> Floor
11:55 AM	Geology	1 <sup>st</sup> Floor	11:55 AM	Telugu	1 <sup>st</sup> Floor
12:15 PM	English	1 <sup>st</sup> Floor	12:15 PM	Mathematics & Statistics	1 <sup>st</sup> Floor
12:35 PM	Commerce	1 <sup>st</sup> Floor	12:35 PM	Oriental Languages	1 <sup>st</sup> Floor
<b>12:55 PM – 01:55 PM – Lunch</b>					

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01:55 PM	Zoology	1 <sup>st</sup> Floor	01:55 PM	Economics	Ground Floor (Block – B)
02:15 PM	Botany		02:15 PM	Politics	Ground Floor (Block – B)
02:35 PM	Fisheries	PG Block	02:35 PM	Computer Science	1 <sup>st</sup> Floor (Block – B)
02:55 PM	MBA	PG Block	02:55 PM	M.Sc (Organic Chemistry)	PG Block
03:15 PM	M.Com	PG Block	03:15 PM	M.Sc (Analytical Chemistry)	PG Block
03:35 PM	M.Sc (Mathematics)	PG Block	03:35 PM	M.Sc (Physics)	PG Block
3:35 PM	<b>Tea</b>				
4:00 PM	Meeting with Alumni and parents				Audio Visual HALL

**Day 2 - Friday, 23<sup>rd</sup> April 2021**

Time	Schedule	Venue
10:00 AM	Meeting with Dean of Student Affairs & Students Council	Audio Visual Hall
10:30 AM	Meeting with PG Students	Audio Visual Hall
11:00 AM	Meeting with Support Staff	Audio Visual Hall
11:30AM	<b>Tea Break</b>	
11:45 AM	Meeting with Women Faculty and Girl students	Audio Visual Hall
12:15 PM	Visit to IQAC Office	Vocational Block
01:00PM	<b>Lunch</b>	
02:00 PM	Visit to Central Research Laboratory	Vocational Block
02:45 PM	Visit to Gymnasiums, indoor stadium and Sports Facilities	
03:30 PM	<b>Tea Break</b>	
04:00 PM	Meeting with faculty both UG & PG	Audio Visual Hall

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**Day 3 - Saturday, 24<sup>th</sup> April 2021**

<b>Time</b>	<b>Schedule</b>	<b>Venue</b>
10:00 AM	Visit to Controller of Examinations Office	Ground Floor
10:45 AM	Visit to Placement Cell	Library Block
11:15 AM	<b>Tea Break</b>	
11:30 AM	Visit to UG Library	
12:00 AM	Visit to NCC, NSS and other Academic Cells	
01:00 PM	<b>Lunch</b>	
02:00 PM	Meeting with the Principal, Vice-Principals, HODs, COE, IQAC Co-ordinator and Member Secretary, Academic Council	Audio Visual Hall
03:00 PM	Preparation of Report	

**5. Observations**

Observations based on the documents provided by the College authorities and meeting with the different stakeholders of the College from 4<sup>th</sup> to 6<sup>th</sup> March 2020 are given below.

**5.1 Programmes**

The Programmes offered by the College in Four different streams (Table 1) are much sought after by students as is evidenced by the number of applications that the College receives annually for admissions. Together with a well-established brand name and an ambient academic environment on campus. Sir C R Reddy College is considered a first choice for students interested in the disciplines offered. The academic and non-academic credit points for the Programmes/Courses offered by the College, number of teachers and students in different departments are shown in Table 2, 3 and 4.

Table 1: Departments in the College

<b>SIR C R REDDY COLLEGE (AUTONOMOUS), ELURU NUMBER OF PROGRAMMES : UG &amp; PG</b>				
Programme	Course	Sanctioned Strength	Admitted Strength 2020-21	
<b>UG PROGRAMMES</b>				
<b>B.A.</b>	HEP	80	39	<b>Aided</b>
	HPCA	50	3	<b>Unaided</b>
	PECA	50	15	<b>Unaided</b>
	SWEP	40	-	<b>Unaided</b>
<b>B.Com</b>	General (4 Sections)	320	211	<b>Aided</b>
<b>B.Com</b>	Vocational (3 Sections)	120	118	<b>Unaided</b>
<b>B.Sc.</b>	MPC (2+3 Sections)	214	129	<b>Aided - 76, Unaided - 53</b>
	MPG	48	42	<b>Aided</b>
	MPCs (3 Sections)	126	126	<b>Unaided</b>
	MECs (2 Sections)	96	82	<b>Unaided</b>
	MSCs (2 Sections)	96	52	<b>Unaided</b>
	MGCs (2 Sections)	96	53	<b>Unaided</b>
	MCCs (2 Sections)	96	74	<b>Unaided</b>
	MSDs	48	14	<b>Unaided</b>
	BZC	72	65	<b>Aided</b>
	FZC	48	43	<b>Unaided</b>
	MEc.Cs	50	10	<b>Unaided</b>
	<b>Total</b>	<b>1650</b>	<b>1076</b>	
<b>PG PROGRAMMES</b>				
MBA	(2 Sections)	120	90	<b>Unaided</b>
M.Com		100	41	<b>Aided</b>
M.Sc.	Physics	30	18	<b>Unaided</b>
	Mathematics	40	23	<b>Unaided</b>
	Organic Chemistry	30	37	<b>Unaided</b>
	Analytical Chemistry	30	36	<b>Unaided</b>
	<b>Total</b>	<b>350</b>	<b>245</b>	

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**Student Strength Particulars 2020-21**

S.No	Programme	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1	MPC	129	141	191	461
2	MPG	42	40	26	108
3	BZC	65	79	66	210
4	MPCs	126	124	77	327
5	MECs	82	73	44	199
6	MSCs	52	46	43	141
7	MGCs	53	36	39	128
8	MCCs	74	76	73	223
9	MSDS	14	-	-	14
10	MCsE	10	-	-	10
11	FZC	43	41	31	115
12	B.Com-General	211	117	111	439
13	B.Com- Vocational	118	124	95	337
14	B.A(H.E.P)	39	50	40	129
15	HPCA	3	-	-	3
16	PECA	15	-	-	15
17	SWEP	-	-	-	0
	<b>Total</b>	<b>1076</b>	<b>947</b>	<b>836</b>	<b>2859</b>
18	M.Com	31	38	-	69
19	M.Sc (Mathematics)	22	21	-	43
20	M.Sc (Physics)	13	11	-	24
21	M.Sc (Organic Chemistry)	36	32	-	68
22	M.Sc (Analytical Chemistry)	37	32	-	69
23	MBA	106	57	-	163
	<b>Total</b>	<b>245</b>	<b>191</b>	<b>0</b>	<b>436</b>
	<b>Grand Total</b>	<b>1321</b>	<b>1138</b>	<b>836</b>	<b>3295</b>

**Number of Teachers in 2020-21**

Sl. No	Departments	Aided	Un-Aided	Total
1	Botany	-	3	3
2	Chemistry	1	12	13
3	Commerce	-	9	9
4	Computer Science	1	11	12
5	Economics	1	3	4
6	Electronics	-	3	3
7	English	4	7	11
8	Fisheries	-	2	2
9	Geology	-	2	2



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10	Hindi	1	1	2
11	History	1	2	3
12	Mathematics	4	8	12
13	Physical Education	1	1	2
14	Physics	4	9	13
15	Politics	-	3	3
16	Sanskrit	-	2	2
17	Statistics	-	2	2
18	Telugu	1	4	5
19	Zoology	-	4	4
20	M.Sc (Chemistry)	-	7	7
21	M.Sc (Physics)	-	4	4
22	M.Sc (Mathematics)	-	3	3
23	M.Com	-	4	4
24	MBA	-	12	12
	<b>Total</b>	<b>19</b>	<b>118</b>	<b>137</b>

### 5.2 Office of Controller of Examinations :

- Total number of days required for Publication of results of the exit examination is approximately 25 days.
- Peer review system has been noted for reducing the number of days for publication of results.
- New pattern of Continuous Internal Evaluation System 60:40 has been introduced from 2020-21 Academic year, Admitted batch.
- PG Courses are also sanctioned permission to go with autonomous structure.

<b>Pass percentage of students for the year 2019-20 (UG)</b>				
<b>Programme</b>	<b>Group/ Section</b>	<b>No. of students appeared</b>	<b>No. of students Passed</b>	<b>%</b>
<b>B.A</b>	HEP	45	41	<b>91.1</b>
<b>B.Sc.</b>	MPC-A	41	35	<b>85.4</b>
	MPC-B	38	26	<b>68.4</b>
	MPC-I	40	27	<b>67.5</b>
	MPC-J	34	25	<b>73.5</b>
	MPG-E	24	19	<b>79.2</b>
	MPCS-G	62	41	<b>66.1</b>
	MECS-H	45	35	<b>77.8</b>
	MCCS-K	41	31	<b>75.6</b>
	MGCS-D	19	14	<b>73.7</b>
	MSCS-L	31	25	<b>80.6</b>
	BZC-C	64	52	<b>81.3</b>
<b>B.Com</b>	Gen-A	55	43	<b>78.2</b>
	Gen-B	44	40	<b>90.9</b>
	Gen-D	25	20	<b>80.0</b>
	Comp.App	72	66	<b>91.7</b>

### Pass percentage of students for the year 2019-20 (PG)

Programme	No. of students appeared	No. of students Passed	%
M.Com	38	38	100.0
M.A. Economics	12	12	100.0
M.Sc Org. Chemistry	36	19	53.0
M.Sc Analy. Chemistry	34	21	61.0
M.Sc Mathematics	29	22	75.9
M.Sc. Physics	26	24	92.0
MBA	71	70	98.6

#### 5.3 Outcome of interaction with students

##### a) B.Sc., B.A., B.Com

- Students expressed their satisfaction over the semester end examinations even they are delayed due to COVID-19.
- New circular as per the direction of APSHE is being followed.
- Students are happy with CIE (Continues Internal Evaluation), over the new system 60:40. However the students felt that even though present system of evaluation 75:25 is good.
- Most of the teachers are doing justice in online teaching.
- Students suggested the Internship for their particular courses has to be introduced.
- Students expressed their satisfaction Value Added/Add on courses and suggested to introduce market demand courses.
- Off-campus technical training required, for e.g., technical skills training.
- Laboratories are very good.
- Summer Projects may be introduced.
- Students felt happy over the campus recruitment drives.
- Students expressed satisfaction over the activities of skill development center.

##### b) PG Courses

- One semester should focus on Research.
- Some topics which are relevant for RCET or GATE should be given within the stipulated time table.
- In M.Sc. there is need for more exposure to research, paper presentation, etc.
- Students cannot apply for fellowship, due to non-availability of time, which are usually for 8 weeks.
- Students felt due to COVID Conditions some practice is missed for Practical work in the laboratories.
- Coaching should given for NET/SLET examinations.

### **5.4 Teaching Staff**

#### **Physics & Electronics (Dept. Visit)**

- Physics teachers are also involved in various administrative works.
- Unique specialty of the department is physics museum
- Teacher student ratio is satisfactory.
- Well Equipped and spacious laboratories.
- PG students mainly come from outside and hence face difficulty in coping at the beginning. But later they get adjusted.

#### **B.Com & M.Com**

- Classes need to have white board and microphone.
- Working condition not conducive, and Salary perks are less.
- Senior teachers are leaving the College.
- The teachers have to take substitute classes.
- Huge trade-off between teaching and research.

#### **MBA (Dept. Visit)**

- The students be provide with internship at the end of the first year summer vacation.
- The faculty has to publish more number of research papers.

#### **Mathematics & Statistics (Dept. Visit)**

- No designated support staff. (Support staff is shared between various departments).
- Decline in the quality of students, less attentive as compared to earlier students.
- Orientation programmes may be organized for students after +2 examinations.

#### **Computer Science (Dept. Visit)**

- The department is running fine, and is receiving full support from the authority.

#### **Chemistry (Dept. Visit)**

- CBCS syllabus is almost same as the earlier syllabus, but new practicals like instrumentation of chemistry has to be introduced.
- More access to journals required, like e-journals.
- Quality of students has deteriorated in general.
- Teachers pursue research works in their personal capacity. Few papers have been published, participation in seminars and conferences are also there.

#### **Life Silences (Botany, Zoology, Fisheries) (Dept. Visit)**

- Faculty shortage is observed.
- Green house has to be renovated

#### **Economics (Dept. Visit)**

- Students are also encouraged to publish papers.
- Students' seminars are also organized.

### **History & Politics Departments (Dept. Visit)**

- History department has unique facility, maintaining a archeological museum. Both History & Politics department faculty are to be encouraged to adopt e-teaching methods.

### **5.5 Support Staff**

- There are two types of grade existing- UGC and College grade. Only 10% of support staff are in UGC grade.
- The office staff expressed their satisfaction for conducting the training programmes. Especially for maintenance of e-filing and latest office software tools.
- The support staffs are generally very happy with the College Administration.

### **5.6 Central Library**

- The Central Library has an excellent Library and reading room facilities both for UG & PG separately. The Library is extremely well stocked and boasts of an impeccable overall cleanliness.
- Library has the facility of Inflibnet Subscription and has been renewing regularly.

### **5.7 Central Research Lab Facilities**

- Permanent Research scientist was appointed to look after Research work and maintenance of equipment.
- When the mysterious disease was prevailed in Eluru the Central Research Lab primarily investigated and found the cause, i.e. due to the pollution of water.
- It is appreciable that the management has been encouraging research by allotting seed money to the researchers, this year the seed money given by the management is Rs. 6,00,000/-.
- Research scholars not allotted to the research guides, by the affiliating university.

### **5.8 Women Development Cell**

- Very active
- During COVID Lockdown period food packets distributed to pregnant women and new mothers in the Adopted Village.
- Management gives support for the activities.
- Cell also doing appreciable social responsibility programmes,

### **5.9 NCC & NSS Units**

- Very active
- College supports the activities.
- Activities are satisfactory.
- Villages adopted and the management is pro active to support the activities

### **5.10 Placement Cell**

- The functioning of the Placement Cell is Good.
- It is observed that placement cell has been running effectively with the support of APSSDC. One of the best practices of the college.

### **5.11 IOAC Office**

- The IQAC conducts its tasks efficiently.
- More number of faculty development programmes has to be organized.
- The activities of the college are to be more qualitative so as to achieve better grade of NAAC.

### **5.12 Alumni and Parents**

- The Alumni and Parents are extremely happy with the quality of education imparted.
- The Alumni suggested that they could help in the Placement of study on a global basis.

## **6. Views of the College Authorities**

### **Principal, Vice Principals, Director-IQAC, HODs, Controller of Examination**

- The faculty encouraged to teach online classes in zoom app.
- College encourages participation in external seminars and pays registration fees
- Feedback from students taken on a regular basis.
- For e-teaching and learning processes, applied the management to increase the facilities.

## **7. Audit Committee Findings**

The audit committee is highly satisfied with the strengths of the College and these are as mentioned below.

- Quite happy to know that college has organized International Faculty Development Programme on Online Teaching Tool for Video Lecturing & Digital e-Learning for 2 times in the COVID Period. And it is also happy to know 3 more Online Faculty Development Programmes and 7 Webinars.
- One of the best infrastructural facilities that can be provided by an educational institution
- Academically above average students abiding by the rules and code of conduct of the College.
- High degree of stakeholder engagement and satisfaction is revealed from the multi stakeholders feedback throughout the audit
- Strong social commitments of the College authorities, students and Alumni.
- Dedicated and competent teaching faculty
- Management has been continuously supporting the college extension activities five cluster villages were adopted, Jalipudi as the center.

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- Committed and supportive non-teaching staff
- In general the overall feeling of satisfaction on the part of stakeholders is a valuable strength of the Institution

### 8. General Conclusion


- The teaching and non-teaching staffs are generally happy with their work condition.
- Student discipline is good.
- Stands out as an institution of academic excellence.

### 9. Gratitude

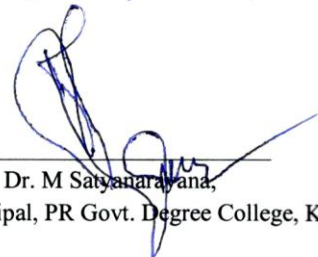
The Committee members feel honoured and take this opportunity to express sincere thanks and gratitude to the College authorities for being invited to conduct the audit.




Dr. T Raja Rajeswari,  
Principal, GDC, Eluru  
**Principal**  
**Government Degree College**  
**ELURU, W.G.Dt.,**




Dr. R Madhavi,  
IQAC Coordinator,  
Ch. S. D. St. Theresa's College for Women, Eluru



Dr. M Satyanarayana,  
Former Principal, PR Govt. Degree College, Kakinada



Sri. N Veera Swamy, Principal,  
JAISAL Vocational Training Center, Vijayarai



Dr. A Veerabhadra Rao  
Principal  
Date : 24<sup>th</sup> April 2021