



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	CHADALAWADA RAMANAMMA ENGINEERING COLLEGE
Name of the head of the Institution	Dr S. Mallikarjunaiah
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08776451118
Mobile no.	9515197567
Registered Email	info@crectirupati.com
Alternate Email	principal.p1@jntua.ac.in
Address	Chadalawada Ramanamma Engineering College Chadalawada Nagar, Renigunta Road, TIRUPATI - 517506 ,CHITTOOR(Dist) ANDHRA PRADESH, INDIA E-mail :principal.p1
City/Town	Tirupati
State/UT	Andhra Pradesh

Pincode	517506																		
<b>2. Institutional Status</b>																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	06-Apr-2017																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr R. Lokanadham																		
Phone no/Alternate Phone no.	08776451118																		
Mobile no.	9491808141																		
Registered Email	creciqac@gmail.com																		
Alternate Email	srinu.instru@gmail.com																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://cre.tirupatihost.in/aqar/">https://cre.tirupatihost.in/aqar/</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.crectirupati.com/pages/AcademicCalender/18-19.html">http://www.crectirupati.com/pages/AcademicCalender/18-19.html</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.11</td> <td>2018</td> <td>31-Dec-2018</td> <td>31-Dec-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.11	2018	31-Dec-2018	31-Dec-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.11	2018	31-Dec-2018	31-Dec-2022														
<b>6. Date of Establishment of IQAC</b>	06-Jul-2013																		
<b>7. Internal Quality Assurance System</b>																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries																

IQAC		
Sensitization program on COs, POs and PSOs awareness and mapping process for faculty members	15-Dec-2018 1	75
Workshop on NBA Accreditation and awareness process for faculty	22-Sep-2018 1	68
<a href="#">View File</a>		

**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	2019 0	0
No Files Uploaded !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	2
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

1.Facilitation of student extracurricular activities - Access to gymnasium. 2. Enhancement program to facilitate job opportunities. 3. Soft skill development program for faculties and staffs. 4. Faculty of public health was started. 5. Advanced labs for curriculum and R D lab established.

[View File](#)

**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
Improvement in placement training activities	To conducted placement traing Programmes in softskills, aptitude reasoning
Training in Advanced areas toward placements	To conducted training programmes advanced topics like Python programming, Machine learning and CAD/CAM
Awareness in research and development activities	To conducted workshops, FDP and Seminars on research and development activities to enhance the quality research from the students and faculty
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<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	02-Mar-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	The institution currently employees institute wide integrated information system. Amongst all the modules, the examination unit, admissions, training and placement, pay roll and the library have been in extensive usage for monitoring and tracking. The information pertain into students and faculty members since the institution is the autonomous institution. The examination section has to handle academic regulations such as R17 and the necessary conduct off examinations, selection of valuers, consolidation of the internal and end semester marks and publications of results has been flawless as integrated information

system has been supporting the same.

## 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	02	EEE	19/05/2018
BTech	03	ME	10/06/2018
BTech	04	ECE	18/06/2018
BTech	05	CSE	06/03/2018

[View File](#)

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	EEE	19/05/2018	02	02/07/2018
BTech	ME	10/06/2018	03	02/07/2018
Nill	ECE	18/06/2018	04	02/07/2018
Nill	CSE	06/03/2018	05	02/07/2018
MBA	Nill	10/06/2018	Management Studies	30/07/2018
MCA	Nill	10/06/2018	Computer Application	23/07/2018

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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	EEE	19/05/2018
Nill	ME	10/06/2018
Nill	ECE	18/06/2018
Nill	CSE	06/03/2018

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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	EEE	02/07/2018
Nill	ME	02/07/2018
Nill	ECE	02/07/2018
Nill	CSE	02/07/2018

MBA	Management studies	30/07/2018
MCA	Computer Application	23/07/2018

### 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
Nil	Nil	0
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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	EEE	12
BTech	ME	42
BTech	ECE	52
BTech	CSE	79
MBA	Management studies	44
MCA	Computer Application	145
<a href="#">View File</a>		

### 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
<p>The institute has three stages of compiling feedback from most of the stake holders and the feedback is compiled both online and offline and is analysed to enhance efficiency and effectiveness of teaching learning process, utilization of resources and modifications in academic processes. The feedback is collected periodically during the academic year at the departments' level and is consolidated at the institute level. In addition to this, informal feedback is also compiled by the faculty members during counselling hours and appropriate feedback action is carried out by the HOD of the concerned department/Principal. The feedback from the faculty members is also compiled which is used to further strengthen teaching learning process at the end of each semester. The feedback is also collected while the students leave the institution on completion of graduation also feedback is collected from the alumni during the alumni meets. The feedback is also collected from parents while conducting parents meet..The overall feedback is analysed for institution performance and it has been very useful for continuous improvement.</p>

## 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
MCA	Computer Applications	60	0	43
MBA	Management Studies	180	0	136
Mtech	CSE	36	0	25
Mtech	VLSI	18	0	18
Mtech	CAD/CAM	36	0	24
Mtech	PE&D	36	0	16
BTech	CSE	120	0	116
BTech	ECE	120	0	112
BTech	ME	120	0	74
BTech	EEE	60	0	38

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## 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
2018	340	262	95	44	5

## 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	Number of smart classrooms	E-resources and techniques used
139	139	5	20	1	2

[View File of ICT Tools and resources](#)

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

A batch of twenty students is assigned to one faculty member, who would be officiating as a mentor/counselor. As every student shall have a counsellor, issues which can be resolved at the faculty level would be taken care off and those beyond their capability will be referred to higher authorities for resolutions. 1. Faculty members are assigned as counselors to students. 2. Counsellors take care of the students with regard to their academic progress and grievances. 3. Every department has two Counseling coordinators who would coordinate with all the faculty members who act as Student Counselors to counsel the students of the entire college.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2509	139	1 : 18

## 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
22	22	0	22	5

### 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
2018	Mr.M.C.V.SURESH	Assistant Professor	Best Young Researcher National Award, Innovative Research Developers and Publishers (IRDP)
2018	Dr.NEERAJA.M	Professor	Pride women's award From Way foundation ,Tirupati
2018	Mr.M.C.V.SURESH	Assistant Professor	Dr Sarvepalli Radhakrishnan Life Time achievement National Award, Innovative Research Developers and Publishers (IRDP)
2018	Dr.S.Thulasee Krishna	Professor	Dr.A P J Abdual Kalam Life time Achievement National Award
2018	Dr.NEERAJA.M	Professor	Best Teachers award from Educational society ,Hyderabad
2018	Dr.SUCHARITHA.J	Associate Professor	Won Prathiba award (Goldmedal) from govt.of India

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## 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	02030405	I II/I II III IV	Nil	Nil



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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
6	2509	0.239

## 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)

<https://cre.tirupatihost.in/#pos-psos>

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
02	BTech	EEE	37	30	81.08
03	BTech	ME	42	30	71.42
04	BTech	ECE	89	33	37.07
05	BTech	CSE	79	59	74.68
Nil	MBA	management studies	156	133	85.52
Nil	MCA	Computer Applications	44	43	97.72

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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)

Nil

## 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

Dr. S. Mallikarjunaiah Dr.R.Lokanadham Dr. V.Thrimurthulu Prof.J Nagamuneiah

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

Type	Name of the teacher	Name of the award	Date of award	Awarding agency
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	awarded the fellowship			
Nil	Nil	Nil	Nil	Nil
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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
Any Other (Specify)	12	DST	700000	700000
Any Other (Specify)	3	DST	900000	900000
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#### 3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0
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### 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
IPR Workshop for Faculty and Students.	Institute level programme	17/11/2018
<a href="#">View File</a>		

#### 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
Nil	Nil	Nil	Nil	Nil
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#### 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
Nil	Nil	Nil	Nil	Nil	Nil
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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
ECE	1
EEE	1
CSE	1
FME	4

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

Type	Department	Number of Publication	Average Impact Factor (if
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			any)
<b>International</b>	<b>ME EEE ECE CSE MBA</b>	<b>50</b>	<b>0.35</b>
<a href="#">View File</a>			

### 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
<b>MBA</b>	<b>9</b>
<b>CSE</b>	<b>2</b>
<a href="#">View File</a>	

### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>0</b>	<b>Nil</b>	<b>0</b>	<b>Nil</b>
<b>No file uploaded.</b>			

### 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
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>0</b>	<b>Nil</b>	<b>0</b>
<b>No file uploaded.</b>						

### 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
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>0</b>	<b>0</b>	<b>0</b>
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
<b>Attended/Seminars/Workshops</b>	<b>0</b>	<b>12</b>	<b>11</b>	<b>0</b>
<b>Presented papers</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>0</b>
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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)
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>0</b>
<b>No file uploaded.</b>			

### 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
Nil	Nil	Nil	0	0
No file uploaded.				

### 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
Rashtriya Ekta Diwas (National Unity Day)	NSS	5	312
Blood donation camp	NSS	20	212
No file uploaded.			

#### 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
Nil	Nil	Nil	0
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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 activities	Number of students participated in such activities
Swachh Bharat	NSS unit CREC	Clay Ganesha campaign awareness programme	2	30
Gender Issue	NSS unit CREC	Teachers Day celebrations	28	250
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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
Nil	Nil	0	0
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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	Duration From	Duration To	Participant
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		institution/ industry /research lab with contact details			
Nil	Nil	Nil	Nil	Nil	0
No file uploaded.					

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
Acousatic NDT service	16/07/2018	Training and Placement	125
<a href="#">View File</a>			

## 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
1826562	1706746

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Laboratories	Existing
<a href="#">View File</a>	

### 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
NEWGENLIB	Fully	HELIUM	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	1850	425000	70	12500	1920	437500
Text Books	32982	4005771	300	106008	33282	4111779
Journals	778	820215	86	74033	864	894248
Digital Database	1	15000	0	0	1	15000
CD & Video	1464	0	23	0	1487	0

e-Books	150	0	15	0	165	0
Library Automation	1	108000	0	0	1	108000
e-Journals	3	479831	1	5900	4	485731
<a href="#">View File</a>						

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
0	nil	nil	Nil
No file uploaded.			

#### 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	544	412	0	0	35	10	60	100	45
Added	20	8	2	4	2	1	2	0	1
Total	564	420	2	4	37	11	62	100	46

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

100 MBPS/ GBPS
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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
0	<a href="#">Nil</a>

#### 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 incurred on maintenance of physical facilities
523460	461052	628640	506482

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)

<p>The institution has exclusive wings to take care of maintenance of physical, academic and support facilities. Maintenance of all the buildings, including class rooms and other physical facilities are taken care by a campus engineer/administrative in charge. All the maintenance activities related to electrical installations is taken care by maintenance department. Academic facilities: Maintenance of Laboratories and computers are taken up by the lab</p>
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in-charges of respective departments through head of the departments from recurring budget allocated. Support facilities: Library: Library committee headed by a Professor in-charge collects and finalizes requirements of books and journals from all the departments on yearly basis. The same is procured from annual budget allocated. Stock verification of library is carried out every year Sports: Regular maintenance of facilities for indoor games and outdoor sports activities is carried out under the guidance of qualified physical education faculty.

<https://cre.tirupatihost.in/#procedures-policies>

## 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	Meritorious student scholarship	98	670000
Financial Support from Other Sources			
a) National	C.Hemamrutha	1	95500
b) International	Nil	0	0
<a href="#">View File</a>			

#### 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 implementation	Number of students enrolled	Agencies involved
Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,	Nil	6523	Yes
<a href="#">View File</a>			

#### 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 passed in the comp. exam	Number of students placed
2018	Gate Coaching	112	91	1	1
2018	career guidance	230	143	0	19
2018	competitive examinations	143	0	10	0

2018	APSSDC	30	25	5	4
2019	Guidance for competitive examinations	256	234	6	187
2018	Career Counseling	234	230	5	178
<a href="#">View File</a>					

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
4	4	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Reputed MNC and industries	285	86	Reputed MNC and industries	135	20
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	3	B.Tech	EEE	chadalawada Ramanamma Engineering college	M.Tech
2019	1	B.Tech	EEE	Yogananda Institute of Tecnology and Science	M.Tech
2019	1	B.Tech	ECE	JNTU, ANANT APURAM	M.Tech(VLSI)
2019	4	B.Tech	CSE	chadalawada Ramanamma Engineering college	M.Tech(CSE)
2019	1	B.Tech	CSE	Yogananda institute of technology	M.Tech(CSE)
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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	3
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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
District level tech fest held with support of JNTUA	National	18
National Sports Day.	National	250
District level Tech Fest.	National	192
sumer cricket tournament	Inter/intra	80
summer kabadi tournament	Inter/intra	60
chess	Department level	12
shuttle	Department level	12
kabadi	Department level	30
vallybol	Department level	18
cricket	Department level	45
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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
2018	Hand Ball	National	3	Nil	17P11A0540	K.Arshd
<a href="#">View File</a>						

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

The college has student chapters of professional bodies such as ISTE, IEEE etc. Various activities are organized by the students of these chapters. • Board of Studies of every department includes an alumni representative, whose opinions are sought in curriculum development and in making the student industry-ready. • Selected students serve as Student Representatives in various administrative committees such as (1) Class committees (2) Library committee (3) Sports committee (4) Cultural committee (5) Anti-Ragging Committee and (6) Women Grievance Redressal Anti-Sexual Harassment Cell. (7) Department magazine committee (8) Department professional bodies.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association • Alumni students periodically interact through Alma Connect platform. • The training programmes and mock interviews are conducted by reputed alumni for the benefit of the students. • Skype interactions with Alumni under the activity 'Ask Alumni'. • The curriculum is periodically updated considering the feedback provided by alumni to meet the industry needs.

5.4.2 – No. of registered Alumni:

65

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet was held on 27-10-2018 at Chennai, around 30 Alumni from 4 batches participated Alumni meet was held on 09-02-2019 at CREC(A)Tirupati, around 35 Alumni from 6 batches participated

## 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)

(i) Principal is assisted by Dean (Administration), Dean (UG) and Dean (PG Research), Dean (Training and Placements), Dean (Student Affairs), Dean (RD), Dean (Innovation Idea cell) Controller of Examinations for the smooth conduct of academic and administrative activities. (ii) Faculty members are being involved in various committees to look after certain academic and administrative activities like class committees, library, Exam section, time tables, social activities, sports, cultural activities, Microsoft Innovation Center training for faculty, APSSDC activities.

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

Partial

### 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
Library, ICT and Physical Infrastructure / Instrumentation	Name of the ILMS software: NEWGENLIB • Nature of automation (fully or partially): FULLY • Version HELIUM 3.2 • Year of automation: 2018
Human Resource Management	i) Faculty are being deputed for different FDP programs for capacity enhancement programs. (ii) Many of the faculty members are involved in academic, administrative and social activities. (iii) Decentralization of administrative authorities.
Industry Interaction / Collaboration	(i) Industry experts are members in Board of Studies and Academic Council (ii) Senior Industry experts are invited to give lectures to students as a part of curriculum (iii) Consultancy

	and research projects are carried out in collaboration with industries (iv) MOUs have been signed with various organizations such as IMC
Curriculum Development	(i) Upgrading curriculum in accordance with OBE through fine tuning of PEOs, PSOs, POs and COs (ii) Tracking the attainment levels of COs, POs and PEOs. (iii) Development and implementation of quality benchmarks and parameters such as time-to-time revision of syllabi, implementation of Choice Based Credit System (CBCS), introduction of Industrial Lectures as a course, etc. for curriculum enrichment. (iv) Introduction of credit based social service activities in the curriculum to inculcate responsibility towards society in students.
Teaching and Learning	(i) The teaching, learning and evaluation procedures are reviewed based on the students' feedback in the departments from time to time. (ii) Internal and external academic audits are conducted. (iii) student centered learning class room approach (iv) The innovative and research skills in students are enhanced through various projects carried out by students in the Innovation Centre of the college. (v) Involving fast learners in research activities (vi) Encouraging practical assignments in project-based learning
Examination and Evaluation	(i) Continuous internal evaluation (ii) Double valuation system for end-semester examinations (iii) Coding and decoding of end semester examination scripts (iv) Question papers by external examiners from reputed university/institutions.
Admission of Students	(i) Admissions of students are made through the procedures prescribed by APSCHE. (ii) Meritorious scholarships for students based on their ranks/performances

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

E-governance area	Details
Administration	(i) Biometric attendance for teaching and non-teaching staff. (ii) Dissemination of information through the college website. (iii) Communication through college webmail.
Student Admission and Support	(i) Student registration process at the time of admission (ii) Enrollment

	of students eligible for various scholarships is done online and disbursement of scholarship amounts is made through online banking (iii) Subject registration and information dissemination through online mode.
Planning and Development	The Management confine to formulated vision, mission and objectives and has healthy surveillance with regard to implementation of the same. Providing adequate financial support as and when needed. Periodic meeting of management with Principal and accordingly meeting of Principal with HOD's facilitates smooth day to day functioning of the institution. Annual meeting of the management with all staff members.

### 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
Nil	Nil	Nil	Nil	Nil
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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 programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP on Recent Trends On Renewable Energy And Power Electronics Using MATLAB	Nil	01/02/2019	03/02/2019	18	Nil
2019	FDP On Electromagnetic Theory And Control Systems	Nil	05/06/2019	08/06/2019	18	Nil
2019	Three days AICTE Sponsored	Nil	10/06/2019	12/06/2019	20	Nil

	Faculty Development Program on Student Induction					
2018	Faculty development program on teaching skills	Nil	07/07/2018	07/07/2018	22	Nil
2018	FDP on curriculum development	Nil	07/08/2018	07/08/2018	21	Nil
2019	Faculty development program on course outcomes and program outcomes	Nil	04/01/2019	04/01/2019	23	Nil
2019	IOT workshop APSSDC	Nil	25/03/2019	29/03/2019	15	Nil
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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
Nil	0	Nil	Nil	0
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
18	18	3	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. . lunch and Tea (twice a Day) are provided to all employees without any charge. 2. Free medical support is provided in Krishna Teja Dental college.	1. . lunch and Tea (twice a Day) are provided to all employees without any charge. 2. Free medical support is provided in Krishna Teja Dental college.	Free medical support is provided in Krishna teja Dental college

6.4 – Financial Management and Resource Mobilization

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

Annual Budget is prepared for the financial year (APRIL- MARCH) taking into account the intake of the students for B.Tech, tuition fee as fixed and approved by the AFRC (Affiliated Colleges Fee Regulatory Commission) and accordingly proposed income, expenditure statement is prepared. The finance committee constituted with the Principal as chairman and treasurer of the Governing Body and one senior faculty as member examines and approves the plan. Depending on the requirements like the establishment of Labs, construction, maintenance of equipment, the budget is being allocated to the departments under Recurring Non-Recurring. A Balance Sheet is prepared for the Year Covering all heads of Income Expenditure. Periodical views are taken up internally. External Audition form recommended audits company conduct audit annually. They examine the fee collected on an accrual basis and expenditure incurred as per approved allocation. There is a decentralization of finance. The Principal can approve plans up to Rs 1 Lakhs (variable). Expenses beyond this are referred to Governing Body for approval. Departmental Budgets are allocated under Recurring and Non-Recurring heads. The whole Income, expenditure is inspected by the AFRC once in three years. The tuition Fee is fixed based on approved expenses.

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
Nil	0	0
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6.4.3 – Total corpus fund generated

0
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**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	No	Nil	Yes	IQAC
Administrative	No	Nil	Yes	Internal

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

- (i) Parents are members in various committees such as Anti Ragging Committee.
- (ii) Parents meetings are organized to discuss the progress of the students.
- (iii) During counseling process faculty members interacts with parents regarding the progress of the student in various academic activities.

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

- (i) Training programs for enhancement of technical skills through in-house training programmes
- (ii) Provision for financial assistance to staff to attend skill development programmes

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

1. Introduction of Choice Based Credit System
2. Initiation for In-house Software Development and Implementation cell with the modules as indicated below.
  - a. Student registration at the time of admission
  - b. Semester wise registration and elective allocation
  - c. Comprehensive student information
  - d.

Examination application and Hall ticket generation e. Faculty appraisal system  
 f. Student feedback on teaching and learning g. Faculty recruitment 3.  
 Enhancement of ICT based learning through digital class rooms 4. Organization  
 of workshops and seminars on quality improvement 5. Introduction of MOOCs  
 courses, skill based lab electives, industry lectures to bridge the gap between  
 industry and academia. 6. Enhanced encouragement to faculty for publications  
 and sponsored research 7. Participation in NIRF ranking

#### 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	No

#### 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
2018	Workshop on NBA Accreditation and awareness process for faculty	22/09/2018	22/09/2018	22/09/2018	65
2018	Sensitization program on COs, POs and PSOs awareness and mapping process for faculty members	15/12/2018	15/12/2018	15/12/2018	74

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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
National Womens Day	08/03/2019	08/03/2019	43	25
Teachers Day celebrations	05/09/2018	05/09/2018	45	59

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

The institute had entire campus consumes an average of 2600 unit's conventional electricity provide by the APSSDCL. However, this consumption is being reduced to installation of Roof Top Solar systems by which around 600 units of electricity is generated and consumed by 2024 the institute in tend to install

Solar system to meet complete energy requirement. The institute also has made provision rain water harvesting so as to replenish ground water table.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	3
Ramp/Rails	Yes	2

#### 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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.							

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Nil	Nil	Nil

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	Nil	Nil	Nil
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

(i) Development of greenery in college campus (ii)Promotion of plastic free campus (iii)Sensitization programmes for eco-friendly activities like eco-friendly rakhi's, clay Ganesh idols, eco-friendly flags (iv)Conduct of activities under Swachh Bharat

## 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

1. The goal of this institute is to appreciate the work done by the teaching staff, non-teaching staff and students of the institute and motivate them to excel in their areas of expertise. This practice would help them positively in their performance as per the quality policy to achieve the Vision and Mission of the institute. The institute believes that a motivated workforce (Staff and Students) can be a significant factor in institute's success. When staff and students are motivated to work at higher levels of their skills and abilities, the institute as a whole runs more efficiently and is more effective at achieving its objectives and goals. For this reason, the institute has understood the power of reward systems and how they are helpful in influencing Students and Faculty behavior. 2. "Campus to career" training sessions are organised for final year students to prepare them for industries and sensitize them for work etiquette. This includes: - Time Management, Planning and Prioritization - Attitude, Verbal and Nonverbal Skills - Effective Communication Skills - Group Discussion and Team Building Skills 3. In



education, teachers facilitate student learning which helps students expression skills for knowledge and thinking ability. Different ways to teach are often referred to as pedagogy. Teaching using pedagogy involves assessing the educational levels of the students on particular skills. Understanding the pedagogy of the students in the class room involves using differentialized instruction as well as supervision to meet the needs of all students in the classroom.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://cre.tirupatihost.in/#best-practices>

### 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

The institution was started by educationists and philanthropists under the umbrella of Krishna Teja Group of Institutions, a non-profitable organization with a sole aim of offering quality education. The management is open minded and always strives for the betterment of the system. The institution is continuously thriving in its pursuit to produce good quality engineers. The students are the strength for the Institution. The quality of the academic activity is the top priority of the Institution at all times. The energy levels and the enthusiasm are well nurtured by providing more avenues for students like Innovation Challenges, Hackathons, symposia, technical, cultural, literary clubs apart from the solid foundations in the domains of Technology. The curriculum is revised regularly to suit the requirements of industry. All the programmes are run under Outcome Based Education (OBE) format with Choice Based Credit System (CBCS). More flexibility to student to opt for Open Electives, Free Electives and Skill Based Lab Electives is provided. Additional support for students in the form of CRT, Skill development courses for campus recruitments, GATE provides an additional edge to students. The institute is known for Consistent quality placements. Committed faculty and good academic ambiance is our strength. The average retention rate is very high. Faculty comprises of over 100 Doctorates. Academic freedom and incentives for research, consultancy and patenting gives a boost to the morale of the faculty to excel. Right mix of all levels of faculty leads to better balance of research, administration and academic works. Faculty are encouraged to upgrade their knowledge through FDPs and Certifications. The institution has been enjoying the status of Autonomy for first cycles. In its pursuit to impart holistic education, the institution provides the right ambiance and scope to students to participate in co-curricular and extracurricular and Innovation activities. A dedicated Innovation Cell is functioning with a structured approach to bring out best of the students. Good sports facilities supervised by qualified personnel is an added strength. The quality of the output is demonstrated through continuous quality placements of the students and options for higher education.

Provide the weblink of the institution

<https://cre.tirupatihost.in/#institutional-distinctiveness>

### 8.Future Plans of Actions for Next Academic Year

The institute has clearly year marked Road map for next five years. The five dimensions of the road map are as indicated below. 1. To apply for NBA Accreditation for eligible branches. 2. To enhance research and consultancy activities. 3.To conduct more skill development programs to students. 4. To focus on establishing innovation center.

