



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	CHIRALA ENGINEERING COLLEGE
Name of the head of the Institution	Dr. V V R L S GANGADHAR
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08331040588
Mobile no.	8331040550
Registered Email	principal@cecc.co.in
Alternate Email	iqac@cecc.co.in
Address	Chirala Engineering College, Ramapuram Beach Road, CHIRALA, prakasam district,
City/Town	chirala
State/UT	Andhra Pradesh
Pincode	523157

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Mr. M. Sambasiva Rao
Phone no/Alternate Phone no.	08331040558
Mobile no.	8331040546
Registered Email	iqac@cecc.co.in
Alternate Email	principal@cecc.co.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	_https://www.cecc.co.in/iqac/aqar-reports/
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.cecc.co.in/academics/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.08	2015	14-Sep-2015	13-Sep-2020

6. Date of Establishment of IQAC	17-Apr-2017
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Conducting Internal Demos	21-Oct-2019	40

to Faculty	1	
seminar on Bigdata sr g.bala guru from accenture gulberga	28-Oct-2019 2	100
workshop on embedded system conducted by taken edu organization	04-Nov-2019 1	150
training session o interview skills conducted by murdi krishna	18-Nov-2019 1	200
personakity development programme conducted gillete	06-Jan-2020 2	180
hands on wso design and development web applicatios using java	17-Feb-2020 1	250

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8. Provide the list of funds 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	2020 0	0

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

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

[View Uploaded File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. Feedback from the students 2. Exit feedback from the faculty 3. Continuous evolution of marks in university exams 4. Double evaluation of answer scripts (randomly) 5. Benchmark:: 10days before commencement of course lecture notes should be ready 6. After completion of MID exams valuation should be completed and marks to be displayed in the notice board in two days 7. Plagiarism check 8. Remedial Classes for slow learners

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

Plan of Action	Achievements/Outcomes
Auditing calender of events once in a month	Auditing of conduction of various events as per the calender has been under taken and the non confirmness have been reported
developing frame work for NAAC related bench marks	NAAC benchmarks have been shortlisted and a frame work for the same has been designed
Placement of passing out students in relevent industries	Steps have been taken to invite the companies to visit college for recruitment of students
Conducting a survey among the students to identify their options for core company placements, software company placements, higher studies in INDIA and abroad.	a survey was conducted for the I b.tech students for identifying the options of students for core company placements,higher studies in india and abroad
Conducting quality related workshops and seminars	One workshop and Five seminars conducted
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
GOVERNING BODY	23-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

08-May-2015

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission	2020
Date of Submission	19-Mar-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	All activities are efficiently monitored by the different management information system. The institute has computerized management information system to monitor day to day activities of administration, attendance recording of faculty/staff and students, finance management, recruitments, academics, feedback from stakeholders, and examination system. All these activities are efficiently monitored by different Management information systems.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Chirala Engineering College is currently having the following mechanisms for effective delivery of curriculum- i. At the beginning of an academic session, eye on the results, departmental proceedings and student needs and also keeps record of the different activities of the college regarding teaching-learning, development and improvements of different methods of effective curriculum delivery. departmental meetings are held in every department in which the topics in the syllabus are distributed to the teachers after discussion with them. ii. Number of classes for each topic is decided according to the syllabus and credits (PG) assigned to each topic/Group/paper etc. iii. College administration provides a well constructed weekly Routine/Schedule/ time table for each year /semester for both UG and PG classes. iv. Departmental Heads prepare the routine which is approved by the Principal duly. v. Teachers prepare their lectures according to the syllabus allotted and classes available. vi. Classes are held according to the schedule under the supervision of college administration. vii. We have a very rich central library with open access system and many departments have their rich Departmental libraries too for the benefit of the students. A good number of Journals (Science, arts and commerce) are subscribed by our college. Inflibnet(e-books and e-journals) facility is available for teachers and also for the students. Our college has registered for NPTEL (National Programme On Technology Enhanced Learning) where students can have the access of e-learning through online Web and Video courses for various streams. viii. Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as a. Chalk and Blackboard method b. ICT-enabled teaching-learning method. c. Use of different softwares. d. Use of Scientific models and charts for effective lecture delivery. e. Distribution of class notes by teachers. f. Group discussion amongst the students during the class. g. Micro-

teaching and seminars by students related to curriculum. h. Paper presentation by the students. i. Proper and adequate instrumentation facility is given to the students for their practical classes; there is also a central instrumentation facility for that purpose. j. Need based survey programmes, field works and educational excursions are carried by the departments. k. Project work, dissertations are conducted for fulfilment of their degrees. l. Seminars and special talks by experts are also arranged regularly for advance studies. Regular class test, Mid-term examinations, Mid semester examinations, regular assessment in practical classes, viva-voce, are done to keep track on the improvement of the students. Remedial and tutorial classes are also conducted based on requirement. Departments maintain the detailed record of the classes, assessments, project reports etc. College administration also keeps a vigilant

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CIVIL	18/11/2019
BTech	EEE	18/11/2019
BTech	MECH	18/11/2019
BTech	ECE	18/11/2019
BTech	CSE	18/11/2019
BTech	IT	18/11/2019
BTech	EIE	18/11/2019
Mtech	Structural engineering	05/08/2019
Mtech	Power Electronics	05/08/2019
Mtech	CAD/ CAM	05/08/2019
Mtech	VLSI & ES	05/08/2019
Mtech	CSE	05/08/2019
MBA	MBA	08/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

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
Gamification with AR and VR	16/12/2019	165
Course on Professional Ethics Human Values	14/10/2019	52
A Course on Computational Fluid Dynamics	20/01/2020	52
TRANSDUCERS	24/01/2020	82
INDUSTRIAL ELECTRONICS	24/02/2020	99
Advanced Communication Skills	04/11/2019	42
Data Warehousing and Data Mining	17/02/2020	62
Introduction to Aurdino	23/09/2019	28
LOW COST HOUSING	25/11/2019	53
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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	CIVIL	48
BTech	EEE	30
BTech	MECH	51
BTech	ECE	92
BTech	CSE	86
BTech	IT	10
BTech	EIE	4
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Students feedback is filled by both UG and PG Students on their last examination day in the college i.e., UG semester Exam(III)and P.G semester IV examination. Attendance of each student is mentioned in the feedback form. Feedback is received on varied aspects of the college including location,

office, canteen, laboratory, library, administration and academics.including teaching and learning process. The points are calculated according to the grades given by the students in various criteria. The grades are given as A, B, C, D, E (where A5, B4, C3, D2, E1). The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. Feedback is also collected from the parents during ParentTeacher Meetings (PTMs) that are organised by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development. The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in CAC (College Academic committee)of the college for necessary action. Strengths of the college are also taken into consideration for further up gradation.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	120	14	10
BTech	Electrical and Electronics Engineering	60	2	2
BTech	Mechanical Engineering	120	3	3
BTech	Electronics and Communication Engineering	180	38	33
BTech	Computer Science and Engineering	120	49	43
Mtech	Structural Engineering	18	18	18
Mtech	CAD/CAM	18	12	12
Mtech	Computer Science and Engineering	36	14	12
MBA	Masters in Business Administration	60	34	31
MCA	Masters in Computer Applications	60	2	1

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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	1059	171	74	11	15

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
100	62	6	25	7	2

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

[View File of E-resources and techniques used](#)

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

Mentoring system is available in the institution. Department wise, class wise students are divided into number of groups depends upon the number of faculty available .. For each group one faculty member is appointed as mentor of the group. The responsibilities of the mentor are 1. Interacting with the student of the group 2. to motivate the students to attend classes regularly 3. to know the results of the students and proper guidance will be given to do well in the next coming examinations 4. Make the students active and to participate in various activities conducting in the college and other colleges 5. Identify the interest of the students in sports and games and encourage them 6. Attendance of the students are monitored and necessary steps will be taken in case of students of more absentism. 7. Interact with the parents of the students and to update them with the results and activities of their ward 8. mentor will be in regular interaction with the students of their group and they will be motivated and encouraged in all aspects academically and extracurricular activities

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1230	100	1:12

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
110	100	10	15	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
2019	NIL	Nil	NIL

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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-	Date of declaration of results of semester-
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			end examination	end/ year- end examination
BTech	UG	4-2 SEM	20/09/2020	10/10/2020
MBA	PG	2-2 SEM	20/10/2020	02/01/2021
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per JNTUK rules 2MID exams will be conducted in every semester each of 15 marks descriptive and 10 marks for QUIZ exams and 5 marks for Assignments. After valuation of answer scripts of 1MID examination, slow learners are identified and some additional classes conducted for them. Assignments also will be given differently so that it helps the students to think and use the suitable applications to solve the given problem. In addition to the mid examination every alternative day a slip test is used to conduct further the questions also given one week before to make them motivate and to attend the slip test.. Slow learners are identified and remedial classes also be conducted. Technical quiz is also conducted in suitable dates.laboratories are also opened other than college working hours to provide facility for students to do the experiment when they are absent or to repeat the experiment when the results are not correct.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institution is adhered to the academic calendar sent by the JNTU Kakinada affiliated University. Examinations MID and external will be conducted as per the calendar. Syllabus also covered as per the calendar. Institution will observe holidays as per the university calendar. Sports and games competitions will be conducted as per the calendar.

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://www.cecc.co.in/igac/criteria/#Criterion2>

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
1	BTech	CE	51	40	78.4
2	BTech	EEE	32	28	87.5
3	BTech	ME	51	40	78.4
4	BTech	ECE	88	63	71.6
5	BTech	CSE	84	60	71.4
10	BTech	EIE	4	2	50
12	BTech	IT	10	9	90

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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)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	118	Lambourne Projects Pvt Ltd	0.42	0.42
Major Projects	115	Lambourne Projects Pvt Ltd	0.35	0.35
Major Projects	112	Lambourne Projects Pvt Ltd	0.25	0.25
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3.2 – Innovation Ecosystem

3.2.1 – 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
A Workshop on Bridge Design, Fabrication Testing	CIVIL	09/12/2019
A Seminar on Basics of Intellectual Property Rights	CIVIL	03/02/2020
A WorkShop On Industrial Automation Systems Using PLC and SCADA	EEE	02/09/2019
A Workshop on Intellectual Property Rights	MECH	05/08/2019
A Workshop on Heating Ventilation Air Conditioning	MECH	10/02/2020
A Workshop on PCB Design	ECE	15/07/2019
Seminar on Career Oriented Course Training	CSE,IT	12/08/2019
A Workshop on AWS MS AZURE	CSE,IT	21/10/2019
Seminar on Geographical Indications	CSE,IT	10/02/2020
A Workshop on C Language for Embedded Systems	HS	10/02/2020
A Seminar on Synthesis, Special Charecterizations of Transition Metal Ions	HS	20/11/2019

Doped Nano Powder

3.2.2 – 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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3.2.3 – 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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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
4	2	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CSE	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	3	1.2
International	ECE	2	0.9
International	MECH	5	1.78
International	EEE	2	1.6
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE	1
No file uploaded.	

3.3.5 – 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
NIL	NIL	NIL	Nil	0	NIL	0
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3.3.6 – 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	Institutional affiliation as
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					excluding self citation	mentioned in the publication
NIL	NIL	NIL	Nil	0	0	NIL
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	10	0	0
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3.4 – Extension Activities

3.4.1 – 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
Independence day Celebrations	CECC - NCC Unit	70	120
Tree Plantation Program	CECC - NSS Unit	20	85
Republic Day Celebrations	CECC - NCC Unit	80	110
Womens Day Celebrations	CECC - NSS Unit	40	105
Blood Donation Camp	CECC - NSS Unit	30	90
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3.4.2 – 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	0	0
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3.4.3 – 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
CECC - NSS	CECC Vasavi Club Chirala	Corona Awareness Program Homeo Medicine Distribution	20	90
CECC - NSS	CECC - NSS Unit	Distribution of Groceries to the Poor	5	20
Swachh Bharat	CECC - NSS	Cleaning of	20	120

Unit

College Campus

[View File](#)**3.5 – Collaborations**

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

Nature of activity	Participant	Source of financial support	Duration
NIL	0	0	0
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	01/06/2019	01/06/2019	0
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
YOUNGMINDS TECHNOLGE SOLUTIONS PVT.LTD	12/12/2019	1. Research Development ,2. Sponsored Projects. 3. Recruitment, 4. product Patent, 5. Internship	104
TAKE OFF edu GROUP Tirupathi	19/11/2019	1. workshop on latest technologies, 2. FDPs, 3. STTPs, 4. Student Projects, 5. Publications	80
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**4.1 – Physical Facilities**

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3.06	3.06

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Class rooms	Existing

Existing	464	9	464	1	0	0	22	100	0
Added	0	0	0	0	0	0	0	0	0
Total	464	9	464	1	0	0	22	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
IIT NPTEL, EBOOKS	http://103.212.212.171

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
170.16	170.16	571.68	571.68

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, provide link)

This institution has taken some policies to utilize the physical academic and support facilities. Some periods are allotted in the timetable for the effective use of facilities. Faculty seminars, student seminars are conducting in seminar halls. Guest lectures are also conducted in seminar halls. Laboratories are used to conduct practicals. After working hours also labs are open as per the timetable in a week for absentees or to repeat the experiments. For the effective use of the library weekly one period is allotted to all the courses in different days of a week. Physical director is appointed to train the students in games and sports. Sports period are also provided in the timetable to practice games and sports. Students are encouraged to participate in extra curricular activities. Computer labs are also opened after college hours and students are allowed to use the computer facilities with WiFi facility. During this time students may do practicals or project work. Special remedial classes are also conducted for slow learners.

<https://www.cecc.co.in/facilities/>

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	Providing Fee Concession	324	2189499
Financial Support from Other Sources			
a) National	0	0	0
b) International	0	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Vocabulary Building	10/09/2019	127	Chirala Engineering College
Campus Recruitment Training	11/11/2019	109	Talentio Academy
Yoga Meditation	10/12/2019	185	NSS Unit
C programming	27/01/2020	150	Talentio Academy
Resume Building	03/02/2020	115	Chirala Engineering College
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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
2019	CRT	52	36	23	128
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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
5	5	2

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
Lancesoft	75	21	CINIF TECHNOLOGIES LTD, Aliens Group, etc	63	16
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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
2020	3	B.Tech	EEE	Chirala Engineering	M.Tech

				College	
2020	6	B.Tech	Civil	Chirala Engineering College	M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	9
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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
CECC Men Volley Ball	College Level	240
Men Kabaddi	College Level	240
Shuttle Badminton	College Level	40
CECC Throw ball Women	College Level	120
CECC Cricket Men	College Level	240
CECC Kho-Kho Men and Women	College Level	192
No file uploaded.		

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
2019	NIL	National	0	0	NIL	NIL
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Chirala Engineering College, encourages the students in various which helps the students to grow interpersonal and intrapersonal skills. Under this, our college supports the students in co-curricular and extra-curricular activities like, NCC, NSS, Blood donation camps, Cultural activities etc., This exposure helps the students to inculcate leadership and administration qualities. The students will organize the Annual events like Techno fests and special days like, Republic Day, Independence Day, Teachers' Day, Engineers' Day, Science Day etc., They for the departmental associations and conduct co-curricular and extra-curricular activities among the students. They even serve the society by conducting Plantation programs, cleanliness programs, blood donation camps etc., They strive hard to make the events successful, ultimately, they feel very happy with all these activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

CEC has a strong, lively alumni association that extends across the globe. This thriving alumni network brings great value to everyone associated with CEC from spreading awareness and recognition of the CEC brand to creating opportunities for and guiding current students. It is truly believed that while the CEC experience begins on campus, it is enjoyed for the rest of ones life. The alumni association plays a major role building long lasting relationships and creating camaraderie amongst a global community. With alumni spread over the world, CEC students can be assured of a warm welcome whenever they go. CEC alumni contribute time, energy, and expertise to help the CEC fraternity grow, develop and prosper. The CEC Alumni Association aims to facilitate lifelong learning through the exchange of ideas and knowledge. Alumni pool skills and apply available resources to enhance personal and career development for their members. The CEC culture has impacted how actively alumni contribute to their communities. This desire to share knowledge and skills beyond the workplace and family may very well stem from the many community and philanthropic activities they were exposed to as students at CEC. The alumni association has successfully been able to channelize resources for a greater good and no community outreach project is ever short of volunteers. The Association plans to setup guidance cell to aid the present and past students in the task of trying to give their future a definite and purposeful direction. The guidance cell, apart from assisting the placement cell, will also assist present students in availing project facilities in various industries in their area of interest. To fulfil the above activities and proposals the association requires establishing a strong network amongst the alumni. All alumni of CEC are requested to register as members of the Alumni association and ensure their contact information is updated. CEC is streamlining its Alumni Association in order to improve the operations and help the students and Alumni network with each other in a better way. In this regard, complete data of various hatches is being updating with their latest information.

5.4.2 – No. of enrolled Alumni:

55

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

125000

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

Formation of different statutory sub committees comprising representatives from all stakeholders of the college for coordinating important administrative activities of the college. Formation of different sub committees under the supervision of IQAC comprising representative of all stakeholders of the college for coordinating important academic activities of the college. The following committees are formed for the purpose of decentralization and participative management 1. academic committee 2. disciplinary committee 3. Antiragging committee 4. IQAC committee 5. Training and Placement committee 6. Women empowerment and sexual harassment committee 7. Sports committee 8. Admissions committee 9. Library committee

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>To integrate the academic programs and Institution's goals, the following initiatives are taken to supplement the University's curriculum. All faculty members identify the gaps in the curriculum and include topics to bridge the Gaps. • Department wise curriculum given by the university is analyzed to identify gaps to match industry standards. Additional contents are added to bridge the gaps. • Guest lectures, Seminars, Workshops, Training programs and industrial visits are arranged to create awareness on the current demands of industry • Assignments are given on all the subjects in addition to arranging group discussions, written/oral tests, quizzes, role plays, etc. • The College gives impetus on inculcating professional skills Educational tours are organized to develop interpersonal Relationships and to create awareness about the rich heritage and Culture of our country. N.S.S. is an additional facility which inculcates the social responsibilities and community orientation amongst the students. • Various academic competitions are conducted for the allround development of the students. • Various short term programs are prepared by the college to supplement the curriculum provided by the University to enhance employability. • Additional experiments were designed in labs beyond University prescribed experiments • Students were guided to takeup miniproject/Internship which are not part of the university prescribed curriculum.</p>
Teaching and Learning	<p>• The College has an Academic Calendar for UG and PG programmes separately as issued by the affiliating University. The recent academic calendar is enclosed in annexure. With the Inclusions of activities, workshops, expert lecturers, student club activities etc. , a comprehensive college calendar is prepared and keep for open access to all the stakeholders</p> <p>• Being affiliated to JNTUK Kakinada,</p>

the college follows the academic schedule strictly as advised from time to time, JNTUK Kakinada provides course of action in the following pattern: ? Beginning of the academic sessions. ? Last working day of the Semester. ? Online and theory Mid Examination schedule. ? Practical Examination schedule. ? Theory Examination schedule. ? Vacation schedules. • The TimeTable Committee ensures that students are given core subjects in the morning section and common facilities are effectively distributed among different departments of the college. • In adding together to the basic academic requirements, college systematizes co Curricular and supplementary activities such as guestlectures, symposium, sports day cultural day, industrial visit etc. and their probable dates are planned in the college calendar. Teaching Plan: Head of the Department conducts meeting with the Faculty and TimeTable Committees before commencement of the Semester Course work in which subject allocation is made. • Class TimeTables are prepared and displayed in all the Notice Boards. • Every faculty Member prepares a Course File. • Laboratory Manuals are prepared and supplied to students at the beginning of the Semester. • Review meetings are arranged periodically to review the coverage of Syllabus. • Teacher uses teaching aids like OHPs, LCDs whenever they are necessary. • To conduct Class Tests Unitwise. • In the time table, one tutorial hour is allotted for each subject in a week. • Alternate days Selfassessment Examination to be conducted. • All the Examination records are tabulated and the data is maintained by the Department. • The Faculty members are required to prepare the Teachingplan for each subject and to maintain the log book (daily attendance register) specifying the details of the topics taught in the classroom and entering the marks for various tests and daily attendance. • The Faculty member follows the daywise schedule from the lesson plan, which contains the details regarding Course objectives to be achieved, particulars of contents to be covered, and the kinds of teaching aids. • Teaching

schedule is prepared by all the concerned and submitted to the respective Heads of the Departments at the beginning of every semester. TimeTable is prepared and displayed on the Noticeboard. • The Departments also carry out internal assessment based on student test performance and punctuality. Towards the end of each Semester, Theory and Practical Examinations are conducted by the University and evaluation is carried out. The examination results are declared and mark sheets are issued by the affiliating University. • Each faculty member is required to prepare mid examination question paper. For the internal evaluation, answer key must be prepared by the faculty member concerned. Based on that key, Answer scripts are evaluated. The evaluation blue print consists of the following components: • Based on guidelines given by the JNTUK, theory and practical examinations are the two components that have different weightages of marks for various regulations, namely,

Regulation	External	Evaluation	Internal
Evaluation	R07	80	20
R10	75	25	R13
70	30	R16	70
30	R19	70	30

• Continuous evaluation procedure is followed for practical subjects. Faculty maintains the continuous evaluation marks of students in their practical subject attendance registers and also does the same in the student' lab records. • Internal marks are awarded as per University guidelines. However, University conducts end Semester Examinations in both Theory and practical courses and arranges evaluation. • Assessment of Miniprojects and Main projects is also handled by the University. • Examination Section organizes conducting both internal and external exams with the academic schedule given by the affiliated University.

Examination and Evaluation

Since the college is affiliated to JNTUK, Examination and Evaluation reforms are as per JNTUK regulations. The CEC has always been open to reforms in evaluation/examination process to achieve transparency, timeliness, objectivity and fairness in evaluation, student satisfaction etc.

Research and Development

CEC envisions to become an

institution of excellence in imparting quality teaching to empower young generation with knowledge, skills and research attitude. The Institute is continuously making efforts to improve the lab facilities for research and innovative activities including IT infrastructure. Every year, present and future needs for upgrading and creating research facilities in the emerging research areas are assessed through departmental faculty meetings and communicated to the Institute Academic Management Committee. The requirements of all departments and DAC (Department Academic Committee) are discussed and provision is made in the budget of the Institute accordingly. On approval of Management Committee, year wise financial break up is included in the budget of the Institute. The Institute formulates strategies for the following to meet the needs of researchers:

- Human resource development
- Addition of new research facilities
- Creation of new research space.

Library, ICT and Physical Infrastructure / Instrumentation

The Institute maintains adequate physical infrastructure for teaching learning, research, extracurricular activities for faculty, students, and staff through an established mechanism of resource planning and execution. Adequacy of physical infrastructure is discussed by Institute Administrative Committee from time to time. The physical infrastructure of the Institute is created as per AICTE norm with 1020 extra space for futuristic planning. The CEC campus is spread in 31.05 Acres. The total builtup area of the Institute is 28957.31sqm, which includes 46 Class Rooms, 08 Tutorial Rooms, 05 conference rooms and 6 Laboratories. Out of 46 class rooms, 05 class rooms are digitalized class rooms. For optimal utilization of physical infrastructure, the Institute has developed a model of resource sharing in which academic infrastructure like lecture theatres, tutorial rooms and laboratories are shared by all the departments to run their programmes. Sharing is made possible by making the timetable centrally for all the programmes. Provisions have also been made for need based use of infrastructure outside the

timetable through the webkiosk (ERP software). Availability of these resources can be seen online by all faculty and staff for appropriate planning. About Library: The Institute has established a spacious library Information centre in the main Block with an area of 660sqm. • It is divided into different sections like Stack area, Reading area and News Papers. • Section, Digital library, Technical Processing Section, Journals Section Reprographic Section. • It is having the collection of more than 44,406 volumes. • It is having the collection of more than 118 National and 68 International journals. • It is having the collection of 230 Specimen copies and 1035 Donated copies of books. • It is equipped with automated library Software. • It has total capacity of 160 members to sit and refer. • Established Digital library for Eresources and also 880 CD's. • Usage data of the Library (in terms of Books issued to the faculty students etc): 3 books per student for a period of Fifteen days and 15 books per staff for a period of Semester. • Book bank will be provided for a student based on his request.

Human Resource Management

The Institute has a rich pool of well qualified human resources to meet all requirements of the Curriculum. CEC being a private unaided institution, the Board of Management (Governing Body) has approved that the faculty be decided and enrolled based on the assessed requirements. Flexibility has been allowed to cater for additional recruitment whenever needed without any restraint on the numbers. This ensures smooth conduct of programmes, and enables the Institute to meet the requirement due to changes in curriculum and additional courses. While doing so, the norms and parameters laid down by the JNTUK and UGC/AICTE for faculty are observed for compliance. The Institute has a well defined system of recruitment in place to ensure that the best faculty with desired capability and qualification is inducted. For engineering and management programmes, the qualification for faculty position in the Institute is Ph.D./M. Phil / M. Tech./ MBA/MCA from a reputed

institution preferably with some teaching/industrial experience. The steps involved in the recruitment process are as follows: Step1: The faculty requirement of various departments is identified keeping in view the specialization of areas and courses to be taught, changes in curricula, availability of resources, additional requirement keeping the loads in the forthcoming time and likely attrition. The process helps in identifying the required numbers and areas of specialization. Step2: Faculty positions are advertised in the National Dailies, besides uploading the requirement on the Institute website under career openings. Fliers/ information about faculty recruitment are also shared with important Institutes. On an average the Institute receives more than 150 applications every year. Step 3: Applications are received online. The candidates are shortlisted for the interview based on specific requirements by screening committee constituted by principal and management. Step 4: The interviews are held by the select panels as per the MOA of the Institute. Subject experts from the Universities are invited to be members of the select panels. Such faculty is invited based on their experience, high degree of research knowledge or industrial experience to conduct the courses as part of curriculum. Such services were used in the past. In addition, guest lectures by eminent people from industry/ academia greatly assist in enriching the contents in the advanced courses. The Institute continuously strives to improve the faculty ratio, keeping the quality and experience as a prime requirement in view. The rich quality and strength of faculty enables the Institute to launch the best of the courses in its curricula as necessitated by the changing trends. Further, the Institute ensures the upgradation of knowledge base of faculty through faculty development/ recharge programmes. Performance Appraisal Systems Performance appraisal forms are separately designed for each cadre of teaching staff (Professor, Associate Professor and Assistant Professor) addressing contributions

appropriate for the cadre. Every faculty member submits a performance appraisal, designed to capture the performance in all spheres, academic or otherwise. The college addresses all the issues related to appraisal system of the staff and regularly evaluates it. The performance appraisal is divided into three categories: Category I: SelfAppraisal Report • Providing information regarding faculty participation in training programs, co and extracurricular activities, contribution at the department/institute level. • Performance regarding academic processes (lectures engaged, performance of results, student's feedback) Category II: Reviewer's report assessed by head of the department based on the following performance indicators. (i) Department Level • Teaching, Learning and Evaluation related activities • Seminars/training programs attended/conducted • Participation in extracurricular and cocurricular activities • Administrative and general functions • Contribution to RD activities (ii) Institute level Contribution at institute level (Examiner, Paper Setter, subject expert etc.) Category III : Assessment by head of the Institution • Remarks and assessment by Principal. Performance appraisal forms are separately designed for each cadre of nonteaching staff (Technical assistant, Clerk and Attender) addressing contributions appropriate for the cadre. Each staff submits his/her performance appraisal. Performance is assessed by the head of the respective department and reviewed every year. Faculty and Staff Recruitment: The Institute has a well defined system of recruitment in place to ensure that the best faculty with desired capability and qualification is inducted. For engineering and management programmes, the qualification for faculty position in the Institute is Ph.D. /M. Phil/ M. Tech./ MBA/MCA from a reputed institution preferably with some teaching/industrial experience. The steps involved in the recruitment process are as follows: Step1: The faculty requirement of various

departments is identified keeping in view the specialization of areas and courses to be taught, changes in curricula, availability of resources, additional requirement keeping the loads in the forthcoming time and likely attrition. The process helps in identifying the required numbers and areas of specialization. Step2: Faculty positions are advertised in the National Dailies, besides uploading the requirement on the Institute website under career openings. Fliers/ information about faculty recruitment are also shared with important Institutes. On an average the Institute receives more than 150 applications every year. Step 3: Applications are received online. The candidates are shortlisted for the interview based on specific requirements by screening committee constituted by principal and management. Step 4: The interviews are held by the select panels as per the MOA of the Institute. Subject experts from the Universities are invited to be members of the select panels. Such faculty is invited based on their experience, high degree of research knowledge or industrial experience to conduct the courses as part of curriculum. Such services were used in the past. In addition, guest lectures by eminent people from industry/ academia greatly assist in enriching the contents in the advanced courses. The Institute continuously strives to improve the faculty ratio, keeping the quality and experience as a prime requirement in view. The rich quality and strength of faculty enables the Institute to launch the best of the courses in its curricula as necessitated by the changing trends. Further, the Institute ensures the upgradation of knowledge base of faculty through faculty development/ recharge programmes.

Industry Interaction / Collaboration

How does the institution collaborate and interact with Research laboratories, institutes and industry for Research activities. Cite examples and benefits accrued of the initiatives collaborative Research, staff exchange, sharing facilities and equipment, Research scholarships etc. The institution has collaborated with many companies, industries, and other

institutions for mutually beneficial relationships that include staff exchange, faculty development programs, and personality development programs for students and faculty, sharing of physical resources etc. Collaborations with Research laboratories and its Benefits: 1. Establishment of lab facilities with industry specific hardware and software resources for carrying out Research work. 2. Joint proposal submission to funding agencies. 3. Internships to students for carrying out project work. 4. Interactive sessions with industry experts by way of periodic meetings 5. In plant training and industrial visits for students 6. Guest lectures by industry experts on state of art technologies Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution. 7. Getting permission to carry out experiments in institutes of repute 8. Permission to make use of software and hardware by research candidates of other institutions. 9. Allowing incubations of startup companies. 10. Deputing faculty members for exposures to industrial practices Some of the Companies who signed MoUs are: • Lambourne • CRT (Campus Recruitment Training) • ForgeTechnology • FactorM training Academy Pvt.Ltd • Smart and shine training services Pvt.Ltd.

Admission of Students

How does the college ensure publicity and transparency in the admission process? The College follows the guidelines given by Andhra Pradesh State Council of Higher Education (APSCHE), Government of Andhra Pradesh in the admission process. The publicity to create awareness about the institute and its academic activities is achieved through the following ways:
Advertisement in Regional / National dailies The college gives advertisements in national and regional English and Telugu newspapers for publicity. Also, the college gives advertisements in newspapers for admissions for Category B (Management/NRI quota) seats and spot

admissions for B.Tech, M.Tech, M.C.A and M.B.A courses. Interested candidates can download the application from college website and they have to submit the filled in application to the principal or through online. The institute completes the Category B admissions based on merit order.

Brochure Handbook The college publishes brochure and handbook which highlight the vision, mission and philosophy of the college, code of conduct, university regulations, and courses offered, quality and details of the teaching staff, library, sports and games, laboratory and other infrastructural facilities.

College Website The college has a regularly updated website www.cecc.co.in which provides all information about the college. Awareness and induction programmes are conducted for parents and students about the admission process and academic systems practices of the college. The transparency in the admission process is ensured through the following processes: The availability of seats in various categories and reservations, fee payable, facilities available etc. are posted on the website. Rules and regulations of A.P. Council of State Higher Education relating to eligibility and the admission procedures are given in the website.

Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Engineering: This institute is offering 6 UG and 6 PG professional courses. As per AP State Council of Higher Education (APSCHE) norms, 70 students of UG and PG programmes are admitted through centralized admissions organized by the government (EAMCET for UG and GATE/PGECET for M. Tech). The remaining 30 students (Bcategory, i.e. Management/NRI) are admitted by the institution. Advertisement is given by the institution in popular regional news papers calling for applications for Bcategory seats. Application form for B category seats is made available

in the college website and can be downloaded from the website. Merit list is prepared from the applications received, placed in the college website and notice boards. 20 of the seats for lateral entry admissions for diploma holders into second year are made by the Convener, ECET. MCA MBA: This institute is offering two PG programmes in MCA MBA. As per APSCHE norms, 70 of seats are filled through centralized admissions organized by the Convener, ICET. The remaining 30 B category seats are filled by the institution following the same guidelines as per Bcategory admissions into B. Tech. Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district. i) Category A (Convener Quota) admissions: Criteria followed • First B. Tech - EAMCET ranks • Second B. Tech (Lateral Entry) - ECET ranks • M. Tech. GATE / PGECET ranks • MBA and MCA ICET ranks ii) Category B (Management Quota) admissions: Criteria followed The Institutions that are approved by All India Council for Technical Education are permitted to fill NRI seats not exceeding 5 of the sanctioned intake in each course for the academic year shall only admit NRI candidates (sons and daughters of NRIs) who have passed the qualifying examination with not less than 50 of marks in prescribed group subjects or 50 aggregate marks in the qualifying examination. The remaining seats shall be filled on merit basis with candidates including from other States and union territories who have secured rank at AIEEE (JEE Main) and secured not less than 45 (40 in case of candidates belonging to reserved categories) of marks in the prescribed group subjects in the qualifying examination. The seats remaining unfilled from the above shall be filled with eligible candidates on merit basis following eligibility criteria laid down in rule (4) of G.O.MS. No.74. Thereafter, if any seats still remain unfilled, such seats may be filled on merit basis with candidates securing not less than 45 in the prescribed group subjects taken together/aggregate

marks in the qualifying examination. All affiliated colleges are governed by the admission procedures and guidelines prescribed by the APSCHE (Andhra Pradesh State Council of Higher Education), Government of Andhra Pradesh. Program Mode of Selection For all B. Tech. branches, A Category (Convener Quota) students must have passed 12th standard. B category students must have passed 12th Standard with minimum marks. For all M. Tech. branches students must have passed relevant B. Tech with minimum marks. For Master of Computer Applications (MCA) students must have passed any Degree and (2 maths) with minimum marks. For Master of Business Administration (MBA) students must have passed any Degree with minimum 50 marks.

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

E-governance area	Details
Planning and Development	Implemented SMS system for dissemination of information including regular notice to all stakeholders. Setting up virtual learning system through Skype from distant corners of the world Implementation of college Mobile apps.
Administration	Online leave requisition system. Notice display system for students and other stakeholder. Regular exercises of tendering process through Govt. portal. Regular exercises of PFMS portal to upload expenditure related to Govt. fund. Submission of retirement related documents through pension portal. Initiative taken towards installation of RFID system in the Library. Faculty biometric systems, CC Camaras for better monitoring
Finance and Accounts	Fully computerised office and accounts section . Maintenance the college accounts through Tally.
Student Admission and Support	Online admission including online payment gateway. Maintaining students database through tailor made software.
Examination	Initiated online portal Entry in service facility for Competitive Exams and University examinations for UG and PG students.

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
2019	P. SEK HAR	International Two Day Conference on Intelligent Computing in Control	Aditya Institute of Technology and Management, Tekk ali	2500
2019	V L RANJITH	STTP on Human Vales, Ethics Morals Behavioural Sciences and Attitudes	Sagar Institute of Technology Pharmacy, Bhopal	1600

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6.3.2 – Number of professional development / administrative training programmes organized by the College 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	NA	One Day Online Workshop on Art of Living	30/08/2019	30/08/2019	1	40
2019	Four Day FDP on Effective Teaching Learning	NA	20/11/2019	23/11/2019	59	1

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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
Online FDP on Development of E-Module with Four Quadrant Approach	2	12/11/2019	17/11/2019	6
STTP on "Digitally	3	23/11/2019	28/11/2019	6

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	100	0	36

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Study leave (a) with full pay (b) with reduced pay and (c) without pay • 90 days paid Maternity leave. • Registration charges in full and 50 TA/DA for attending Conferences / Seminars / Workshops / Training Programme along with paid leave in India and abroad. • Paid leave for visits in connection with research work. • Paid leave for meetings of statutory bodies/government agencies/ regulatory bodies, etc. • Partial financial support for research. • Medical Insurances • Employee Provident Fund • Additional increments for exemplary work • Leave travel Allowances • Conveyance allowances • Book allowances • Medical allowances • Leave encashment 	<ul style="list-style-type: none"> • Paid leave for meetings of statutory bodies/government agencies/ regulatory bodies, etc. • Loan for medical emergency and Welfare schemes for • Medical Insurances • Employee Provident Fund • Additional increments for exemplary work • Leave travel Allowances • Conveyance allowances • Book allowances 	<ul style="list-style-type: none"> • Concession on Bus fee for days scholars • Subsidized Hostel facility • Subsidized canteen food for Days scholars

6.4 – Financial Management and Resource Mobilization

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

The institute has mechanisms for internal and external audit. Internal audit is carried out twice in a year. External audit is carried out once in a year. External Auditor verifies all receipts expenses bills, payments of the Financial Year (FY). The external audit is to verify that the annual accounts provide a true and fair picture of the organizations finances and that the use of funds is in accordance with the aims and objects as outlined in the constitution. Ramaswamy Koteswararao co, Hyderabad, Telangana state is our external auditor.

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
GSR and TSR	1.5	Financial Support to poor students
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	FFC from JNTUK, ISO	Yes	Internal IQAC committee
Administrative	Yes	ISO, FFC from JNTUK	Yes	Internal IQAC committee

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

<ul style="list-style-type: none"> • Providing valuable suggestion for development of the institution • Pointing out the weaknesses of the college related Departments and suggesting rectification. • Communicating views which the students feel shy to communicate directly to the teachers about the college and the department.

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

<ul style="list-style-type: none"> • Four (04) support staff of the college was trained with elementary and advanced Tally for increasing their computer proficiency. • .Computer Training of the office staff so that they are able to handle the online admission and registration of students. • Onjob training by experienced staff is given. • Training on ICT is organized regularly to keep in pace with technology. • Faculty Development programs and workshops

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

Getting ISO 9001:2015 NBA Accreditation Planned to applying of 12(B) for UGC grant Participation in NIRF
--

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
2019	Orientation programme on quality	17/06/2019	19/06/2019	22/06/2019	183

issues for teachers and students organised by the institution

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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
Academic promotion Information Sessions for women	16/07/2019	17/07/2019	52	14
Inclusive Leadership Training	20/08/2019	21/08/2019	48	5
Women's Day	07/03/2020	07/03/2020	247	0
Awareness on Antiragging	06/08/2019	06/08/2019	209	334

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

Established solar panels through out the college and there by College has started to utilise solar power . And also we have conducted seminars and awareness programs on Energy conservation and management to the students and as well as faculty by the eminent persons from the respective fields.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	4	4	07/10/2019	5	VILLAGE ADAPTATION	Awareness of Child Education , Awareness of Seasonal Diseases (Prevention Measures), Awareness of Vote and its Importance , and Awareness of Clean and Green.	52
2019	2	2	07/12/2019	1	AWARENESS OF TECHNICAL EDUCATION	Importance of technical education , Job opportunities	46
2020	1	1	04/02/2020	1	CERTIFICATE COURSES IN VARIOUS DISCIPLINE	Certificate courses in CIVIL, CSE, ECE, EEE, and MECH	91
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Ethical practices	18/07/2019	It is observed that many stakeholders are updated in terms of technology but when it comes to professional code of conduct there has been huge deviation from

the expected and the outcome.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Awareness Programme on promoting Ethical values to the teenage students in the various schools and colleges by our college faculty.	22/07/2019	23/07/2019	106
Road Rally conducted on Drugs Abusement by our Ncc college cadets	07/10/2019	07/10/2019	51
Visiting oldage home with the students	19/02/2020	19/02/2020	78
No file uploaded.			

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

a). Plantation of samplings in the campus by the students b). Coastal cleaning programmes organised c). Using renewable energy like Solar power panels are used in the campus d). Drain water purification plant was established in the campus e). Waste papers are sent back to the paperboards for recycling purpose with the help of ITC, e-waste sent back as scrap. f) Clean and Green Program organized in the campus by NCC/NSS Students.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - 1 Title of the Practice: Teaching and Learning Process
Objectives of the Practice: The institution aims to provide its students with the information, tools, and resources they need to be successful in their chosen fields as professionals. All educational activities center on the teaching and learning process. The rapid pace of technological change, the evolving viewpoints of millennial students, and the entry of a new generation of teachers all provide difficulties for the entire teaching and learning process. The main goal of this strategy is to improve learning delivery by teaching facilitators more efficient teaching and learning methods. The **Context:** In the last few decades, there has been a paradigm shift in the way we approach teaching. Instead of being teacher-centered, when the student is only a passive participant, the emphasis is now on the student, and the instructor only serves as a facilitator of the students learning. The teaching paradigm has been altered and challenged by the needs of the native millennial student population as well as the quick development of science and technology. Millennials frequently make up the group of people who have recently started working as teachers. In order for the teaching-learning process to be effective and efficient in this setting, teachers must have adequate training. A generational shift is being represented by the young, tech-savvy army joining the teaching ranks, and it can only be addressed by timely and effective training. **The Practice:** Since its inception, Chirala Engineering College has made pains to ensure that all of its faculty members are knowledgeable about effective teaching methods. Programs for faculty development in teacher

preparation are therefore still available. The resources for these programs may be senior campus faculty members or representatives from national teacher preparation organizations. On rare occasions, teachers are given the chance to take part in these initiatives outside from the school. Newly hired professors with fewer than two years of teaching experience receive orientation from more experienced academics at Chirala Engineering College. The orientation program gives participants the chance to test out lesson designs and teaching strategies. All new members are urged to attend and participate in classes taught by senior faculty. Evidences of Success: Less-than-two-year-experienced instructors find it more challenging to manage lessons. Given that the majority of recently appointed faculty members are also millennials, the perspective change from student to faculty member is clear. Despite being tech savvy, they lack an informed teaching style. When using technology to adopt active teaching and learning strategies, the faculty became more flexible. The faculty's adaptability and adventurous spirit were spurred by this knowledge, which was evident in the seamless integration of teaching and learning. The early resistance of seniors to using technology or team-teaching techniques has gradually given way to a more receptive attitude. Quizzes, peer teaching, group or team learning, and flipped classrooms are all tested. Since lessons are now taught both online and in person, the mixed classroom has been a blessing. Problems encountered: When dealing with teaching learning development tasks, many problems occur. 1. In flipped classrooms, students might not want to complete their homework. If they don't finish the pre-task assigned by the teacher, they can show up to class unprepared, which would make learning unproductive. 2. There may be a negative digital divide among students as a result of their prior education. 3. Students may experience cognitive overload as a result of the technologies used in blended learning. 4. The lack of IT literacy among teachers is a significant additional obstacle to the employment of new technology in education. 5. A pupil with extensive subject knowledge might not be able to pick up information as rapidly as the instructor. 6. Not all students may have access to the necessary resources and internet speed.

Even if we use state-of-the-art teaching methods, we cannot neglect the fundamental chalk and talk approach. Chirala Engineering College aims to achieve a careful balance between conventional and cutting-edge pedagogical approaches. Best Practice - 2 Title of the Practice: Academia and Industry Collaborative Activities A basic value at Chirala Engineering College is giving students every opportunity to go beyond the requirements of the core curriculum. This approach aims to give every student a low-cost choice for additional education within their four-year graduation plan. The Context: The goal of every engineering student is to graduate with their ideal position. The course syllabus might not, however, be adequate to produce the desired outcome.

The school has taken the initiative in this case to provide additional certification or training programs and to prepare students for the workforce by equipping them with the relevant engineering skills. Chirala Engineering College has agreements with companies, academic institutions, and organizations supported by the federal and state governments to carry out skill-enhancement and certification programs. The Practice: The college collaborates with various prestigious national and international companies, including Tech Mahindra, Efftronics, Ebix Cash, Multi Solution Management (MSM Group), ICCS, Square, Exposys Data Labs, and Sintex, for teacher and student skill development programs. Evidences of Success: The Academic courses designed by the university are very helpful to the students during their technical round interviews. These job-related courses, according to several graduates, helped them perform better at work. Problems encountered: 1. The availability of other certification programs may frighten pupils. All necessary courses for the program must be finished by the students. It can be difficult for students to keep up with the expanding course load. 2. The academic year is typically prepared in advance. However, the exam schedule is subject to change in the event of unanticipated

events. Exam schedules may occasionally conflict with the course calendar.

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

<https://www.cecc.co.in/igac/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 institutions vision, goal, and quality policy make it clear from the outset of the admissions process that a strong emphasis is placed on the overall growth of the student. In the Bapatla neighborhood, Chirala Engineering College (CEC) is regarded as one of the best college. The top 30 of EAPCET (Engineering, Agriculture, and Pharmaceutical Common Entrance Test) passers make up almost 90 of the students at our college. The institutions major priorities are the delivery of excellent instruction and the growth of its pupils. To achieve this goal, the college frequently encourages students to take part in a range of activities. 1. STREET CAUSE: THE MAGIC OF THE STREET IS THE MINGLING OF THE ERRAND AND THE EPIPHANY is the motto of Street Cause. The largest student-founded non-governmental organization (NGO) in the Andhra Pradesh state is called Street Cause. The phrase that sums up its purpose is THE MAGIC OF THE STREET IS THE MINGLING OF THE ERRAND AND THE EPIPHANY. The underprivileged sections of society, including the elderly, orphans, and street children, are the focus of this unit. This Unit also engages in awareness-raising initiatives that instruct slum children in life skills, personal cleanliness, and healthier lifestyle choices. The STREET CAUSE CEC UNIT offers career guidance to students at government schools and colleges based on their interests. The following departments projects are being carried out as part of the STREET CAUSE CEC UNIT, which strives to assist individuals in need: ? Department of the Environment ? Department of Education and ? Old Age Homes and Orphanages Department Chirala Engineering College Unit took an active part in activities associated with the Chirala Street Cause. 2. NPTEL COURSE: Before completing the program, instructors and students are encouraged to improve their self-learning skills by receiving accreditation in online courses from renowned organizations like NPTEL, coursera, and others. 3. Financial Assistance through the Equity Action Plan (EAP): Guidelines in keeping with the equity action plan have been prepared for the benefit of needy students enrolled in the institutions UG and PG programs who originate from underprivileged and socioeconomically challenged backgrounds. This trait serves as the institutions distinguishing trait.

Provide the weblink of the institution

<https://www.cecc.co.in/igac/institutional-distinctiveness/>

8.Future Plans of Actions for Next Academic Year

? To send new proposals to affiliating university for organization of Teachers Training Workshops on revised syllabi. ? To increase research publication by faculty in UGC notified Care list journals. ? To organize National and International seminars/webinars by some departments. ? Organization and participation of students in multiple extra-curricular activities for overall progression. ? To conduct External Academic and Administrative Audit.