



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	SIR C. R. REDDY COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. K VENKATESWARA RAO
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08812230840
• Mobile No:	9985903096
• Registered e-mail	principal.sircrrengg@gmail.com
• Alternate e-mail	principal@sircrrengg.ac.in
• Address	Sir C R Reddy College of Engineering, Vatluru,Eluru- Eluru District,
• City/Town	Eluru
• State/UT	Andhra Pradesh
• Pin Code	534007
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA				
• Name of the IQAC Coordinator	Sri S RAGHUNATH SAGAR				
• Phone No.	08812230565				
• Alternate phone No.	08812230840				
• Mobile	9441447050				
• IQAC e-mail address	iqac.sircrrcoe@gmail.com				
• Alternate e-mail address	sagar.sr@sircrrengg.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=25&Itemid=128				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.17	2017	19/07/2017	18/07/2022
6.Date of Establishment of IQAC			14/07/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	1	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. IQAC coordinated NIRF submission of data for the year 2021-22. 2. IQAC prepared AQAR 2020-21 report for submission by December end. 3. IQAC coordinated with departments to submit proposals for AICTE schemes. 4. NBA data preparation was reviewed and submission of data online in NBA e-portal completed by end of September 2021. 5. Various workshops were organised throughout the year on cyber security,energy conservation,web development,job opportunities,etc under the aegis of IQAC</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
Participation in NIRF	Submitted on 12-02-2022	
Skill Development Programs and workshops	Total 14 were conducted	
Workshops/seminars/conferences attended by faculty	Total 134 workshops/seminars/conferences attended	
13.Whether the AQAR was placed before statutory body?	No	

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	23/12/2022

15. Multidisciplinary / interdisciplinary

Globalization has a great influence on the 21st century job market and professions, specifically regarding science and technology. The technical skills life cycle is becoming shorter and the mobility of technical specialists between countries is increasing. Engineering education is rapidly evolving and requires excellent technical expertise, taking both advantages of traditional and innovative approaches in education. The need to incorporate interdisciplinary knowledge into education becomes urgent, and moreover the complex global environment requires intercultural team work skills. The curriculum being followed includes a good number of interdisciplinary subjects. Moreover final year projects are interdisciplinary in nature.

16. Academic bank of credits (ABC):

As per govt. policy, the Academic Bank of Credits is for institute offering online certificate programs. The college does not offer any such programs. However students are encouraged to open a Digi Locker account.

- [Go to ABC portal](#)
- [Go to Digi Locker](#)

[User Manual: Student Registration and Credit Transfer under ABC](#)

17. Skill development:

Learning is the most essential tool to enhance the socio-economic growth of not only an individual but also of the entire nation. The higher education of 21st century faces several challenges in providing skill-centric learning, meeting the needs of the industry and society in the global platform. To confront such challenges, Sir

C R Reddy College of Engineering has established Centre for Skill Development in collaboration with APSSDC.

Skills Development Centre aims to upgrade skills to international standards through significant industry participation and develop necessary frameworks of standards for quality assurance. Along with the outstanding academic learning, students in our institution are practically oriented with the different skill sets, bridging the gap between the academics and the industrial, societal needs.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

A mandatory course MC401 for R19 regulation of Civil Engineering Branch titled "Essence of Indian Traditional Knowledge/ Professional Ethics and Human Values" is included

Essence of Indian Knowledge Tradition

Course Objectives The course is introduced

To get a knowledge in Indian Philosophical Foundations.

To Know Indian Languages and Literature and the fine arts in India & Their Philosophy.

To explore the Science and Scientists of Medieval and Modern India

Course Outcomes After successful completion of the course the students will be able to

1. Understand philosophy of Indian culture.
2. Distinguish the Indian languages and literature among different traditions.
3. Learn the philosophy of ancient, medieval and modern India.
4. Acquire the information about the fine arts in India.
5. Know the contribution of scientists of different eras.
6. The essence of Yogic Science for Inclusiveness of society.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome Based Education (OBE) is an educational model that forms the base of a quality education system. There is no single specified style of teaching or assessment in OBE. All educational activities carried out in OBE should help the students to achieve the set goals. The faculty may adapt the role of instructor, trainer, facilitator, and/or mentor, based on the outcomes targeted. OBE enhances the traditional methods and focuses on what the Institute provides to students. It shows the success by making or demonstrating outcomes using statements "able to do" in favor of students. OBE provides clear standards for observable and measurable

outcomes.

BENEFITS of OBE

Clarity: The focus on outcome creates a clear expectation of what needs to be accomplished by the end of the course.

Flexibility: With a clear sense of what needs to be accomplished, instructors will be able to structure their lessons around the students' needs.

Comparison: OBE can be compared across the individual, class, batch, program and institute levels.

Involvement: Students are expected to do their own learning. Increased student involvement allows them to feel responsible for their own learning, and they should learn more through this individual learning.

20.Distance education/online education:

Not Applicable

Extended Profile

1.Programme

1.1	12
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	3548
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	791
Number of seats earmarked for reserved category as per GOI/ State	

Govt. rule during the year		
File Description		Documents
Data Template	View File	
2.3		911
Number of outgoing/ final year students during the year		
File Description		Documents
Data Template	View File	
3.Academic		
3.1		197
Number of full time teachers during the year		
File Description		Documents
Data Template	View File	
3.2		7
Number of Sanctioned posts during the year		
File Description		Documents
Data Template	View File	
4.Institution		
4.1		83
Total number of Classrooms and Seminar halls		
4.2		57129787
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		1135
Total number of computers on campus for academic purposes		
Part B		
CURRICULAR ASPECTS		

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

For effective implementation of curriculum, the college has implemented the following:

- Academic calendar at college level is used in line with the calendar provided by the university and to be followed by all departments for the entire academic year.
- Subject allocation is done by head of the department with due consideration to the choice, specialization, experience of the faculty and the requirements of the department, and communicated to them well in advance before commencement of semester.
- The college functions from 9 am to 5 pm on all week days and from 9 am to 12.40 pm on Saturdays. Accordingly, class time-tables are prepared with a maximum of 8 periods per day.
- Meetings are conducted by the HODs with staff members to design and implement various strategies for monitoring and effective implementation of the curriculum.
- All the staff members have to prepare course files with lesson plan, course objectives, course outcomes, mapping with program outcomes, delivery methods and techniques, etc.
- Lab experiments and lab manuals are made ready before starting of each semester in all laboratories by updating as per the requirements.
- Faculty members are encouraged to teach using teaching tools and aids such as power point presentations, video lectures, quizzes, seminars etc. as per the demand of course outcomes.
- Reviews are conducted at regular intervals and the status of syllabus coverage and other academic issues are discussed. Counseling, library, communication skills, personality development, expert lectures is done to balance the other activities with curriculum activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=25&Itemid=128

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

For effective implementation of curriculum, the college has implemented the following:

- Academic calendar at college level is used in line with the calendar provided by the university and to be followed by all departments for the entire academic year.
- Subject allocation is done by head of the department with due consideration

to the choice, specialization, experience of the faculty and the requirements of the department, and communicated to them well in advance before commencement of semester. • The college functions from 9 am to 5 pm on all week days and from 9 am to 12.40 pm on Saturdays. Accordingly, class time-tables are prepared with a maximum of 8 periods per day. • Meetings are conducted by the HODs with staff members to design and implement various strategies for monitoring and effective implementation of the curriculum. • All the staff members have to prepare course files with lesson plan, course objectives, course outcomes, mapping with program outcomes, delivery methods and techniques, etc. • Lab experiments and lab manuals are made ready before starting of each semester in all laboratories by updating as per the requirements. • Faculty members are encouraged to teach using teaching tools and aids such as power point presentations, video lectures, quizzes, seminars etc. as per the demand of course outcomes. • All examinations including continuous internal evaluation (CIE) is regulated by university and are conducted as per university schedule released at appropriate times during a semester by the university.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=25&Itemid=128

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

12

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

1

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

51

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

51

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution follows the curriculum prescribed by the affiliating university, in this case, JNTUK, Kakinada. In the regulation starting from the academic year 2016 onwards, viz. R16 regulation, in the first year curriculum, the subjects related to ethics viz. R1621019 - Professional Ethics & human value is integrated as common subject for all branches from the year 2020 onwards in the Civil engineering branch several subjects related environment and sustainability are present as detailed in the table.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

01

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

863

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=342&Itemid=683

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1033

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

520

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution adopts and implements a well-designed counselling / mentoring system to evaluate and assess the learning capabilities of

students. The learning levels of the students are studied and analysed through their performance in Internal Assessment Tests, end semester examinations.

Activities for slow learners: Students who secure below 50 % marks in the continuous internal assessment examinations are considered slow learners and are regularly mentored to improve their academic performance through remedial classes, tutorials, tests, etc.

Activities for Advance learners: The advanced learners are provided with additional references of journals, study materials and encouraged to make presentations, participate in national conferences/seminars/workshops/ intercollegiate competitions. They are encouraged to pursue internships in reputed industry/institutions and participate in research initiatives.

File Description	Documents
Link for additional Information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3548	197

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute ensures that students are exposed to real world scenarios in class room teaching. Experiential learning through visits to industries and local centers are also implemented for overall experience.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The traditional chalk and talk method of teaching-learning is used regularly. Faculty members also use various ICT tools and techniques in to deliver the contents/knowledge, to facilitate the students to grasp the concepts quickly and increase their active participation during the class.

The following ICT tools are being used:

1. PPT presentation
2. Video prepared by Faculty members
3. Digital social learning platforms (Whatsapp, Blogs, etc.)

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

197

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

197

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

35

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

197

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Evaluation Process:

The evaluation of answer scripts can be done by the respective faculty members as per the scheme of evaluation prepared by the question paper setter. The evaluated answer scripts will be scrutinized by senior faculty of the department and posted marks will be verified for discrepancies.

The evaluated answer scripts will be given to the students to verify and any discrepancies found will be corrected before submitting the final marks to the exam cell.

B. Process to ensure questions from outcomes/learning levels perspective (5):

The faculty has to plan in advance keeping in view of meeting the course outcomes while preparing the questions for subjective tests.

In order to cover all the course outcomes, different questions are to be prepared using Bloom's taxonomy, along with the scheme.

To reflect the different learning capabilities and skills of students, the questions are prepared based on course outcomes mapping with Bloom's score.

These are the questions that the students "must know" -These questions constitute the fundamental concepts of a subject and it is mandatory that every student knows these concepts. Further, these questions are at the lower level of Blooms taxonomy like Remembering and Understanding. Lack of these fundamental concepts would mean that the student is not fit for passing this course.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

A transparent, time-bound and efficient method is being followed in SIRCRRCOE in terms of dealing with internal examination related grievances. Various internal examinations are being performed throughout the semester. Some of them are internal test 1, Internal Test 2, assignments, lab continuous evaluation, project evaluations, etc.

Internal Assessments (Test 1 and Test 2):

The internal test is conducted strictly according to schedule given by JNTUK. The faculty evaluates the papers within a week of conduction of test. The evaluated answer sheets are shown to students in class and faculty undertakes individual grievances with a student on the paper if required by the student. At the end of the semester the average marks of both the unit-tests is calculated and verified with the students. If any discrepancies are reported by the students, then they are resolved by the faculty immediately.

Assignments and Online Quiz:

Faculty evaluates assignments based on the rubric which is also shared with the students. The rubric consists of criteria- timely submission, clarity, neatness, etc. JNTUK also conducts an online quiz on the same day of examination as that of internal. Internal tests, assignments and online quiz together constitute internal marks.

Lab experiments:

The experiment performed in lab by the student is immediately evaluated by the faculty and the performance marks are assigned based on the lab rubric designed by the faculty. The lab rubric is given in the lab manual which is shared with the students well in advance before the lab is conducted.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has implemented Outcome Based education. Towards this awareness programs were conducted. OBE related program outcomes, course outcomes are conveyed to students through course files given to them at the beginning of a semester by faculty. Well-structured course handouts are prepared for all theory and practical courses which includes Syllabus, course outcomes, mapping of course outcomes with program outcomes, lesson plan, and question bank. The faculty is being oriented towards Outcome Based Education (OBE) and are more actively utilizing the OBE to cater the learning needs of students through innovative methodologies. Orientation programs are conducted for the newly joined faculty to make them aware of the OBE framework to practice the regular activities in the department. Each faculty prepares lecture notes for each unit of instruction, the material and softcopy will be shared with the students in advance. The faculty prepares internal question papers and Assignment Questions based on Blooms taxonomy.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The attainment of program outcomes (POs) and Program Specific Outcomes (PSOs) is evaluated by DAC that identifies, collects, and prepares data from assessment processes. The assessment processes are categorized as per the following.

1. Direct Assessments**2. Indirect Assessments****B. The quality/relevance of assessment tools/processes used (5):****Direct Assessment Tools and Process:**

Direct attainment level of a PO & PSO is determined by taking average across all courses attainment levels addressing that PO and/or PSO. The average attainment levels of all courses at program level are calculated as per the process described in section 3.2.1. The PO and PSO attainment levels are evaluated based on the Program level Course - PO mapping as per the section 3.1.3.

Indirect Assessment Tools and Process:

Indirect attainment level of PO & PSO is determined based on the student graduate exit survey. A student graduate exit survey will be conducted and collects information from the students in the prescribed format to assess the attainment of Program outcomes at the end of the Program.

Evaluation of POs and PSOs procedure:

The program outcomes are assessed using the following generalized formula PO and PSO Attainment levels = 80% of Direct Attainment + 20% of Indirect Attainment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year**

761

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://sircrengg.ac.in/images/MANDATORYDISCLOSURE/STUDENT_SATISFACTION_SURVEY_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

25

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

51

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published

in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

16

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

In accordance with the aims of Unnat Bharat abayan, a separate cell was constituted and is active. Five nearby villages viz, Vatluru, Satrampadu, Kovvali, Chataparru and Jalipudi were incorporated in to the program. Activities such as Money donation, help and food during COVID-19 were undertaken.

Brief Description (Need/Impact/Action/Picture (if any)):

1. Awareness programme on "Prohibition of Drugs & Alcohol"
2. COVID-19 Vaccination Drive.
3. Blood Donation Camp.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RO56weAJpgPIJT
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year**

0

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

1218

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration**3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

0

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year**3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**

22

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Sir C R Reddy College of Engineering is the flagship institute of the prestigious Sir C R Reddy Educational Institutions, Eluru. The management of the institute is proactive and has a positive approach for the development of infrastructure facilities for the benefit of the stakeholders. The facilities provided conform to AICTE norms with provision for ample space, infrastructure and playground. All

buildings and facilities are amidst lush green cover providing an ambience conducive to academic activities and holistic development of the individual.

Particulars

Number of Rooms

Total Carpet area (sq m)

Carpet area of Each Room on an Average (sq m)

Class Rooms

UG

B.Tech

66

5476

83

PG

MBA

3

243

81

M.Tech

8

312

39

Tutorial Rooms

23

945

41

Drawing Halls

6

1554

259

Seminar Halls

6

1524

254

AC Auditorium

1

499

499

Conference Room

1

234

234

Common Computing Facilities

1

526

526

Central Library

1

3416

3416

All Laboratories

57

5894

103

Workshops

2

425

213

Description

No. of PCs

PCs exclusively available for Curriculum Labs

657

PCs available in Digital Library

30

Server & PCs for Office & faculty

192

PCs available in Common Computer Centre

140

PCs available in Research & Skill development Lab

196

PC in Language Laboratory

70

No. of Printers

20

No. of Scanners

6

Photocopying Machines

10

No. of Servers

4

No. of Licensed Software

21

No. of Open Source Software

62

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Physical Education Department aims to prepare the students to maintain a physical and mental wellbeing to face the challenges of life. A separate department for this purpose exists and is very active.

The objective of the department is:

1. To encourage sportsmanship and to promote friendly relations among the students.
2. To development of human and ethical values through sports among students.
3. To organize tournaments in different sports/games every year.
4. To train students to participate in inter college, inter university, state, national and international level sports.

1. College has vast playground and an indoor stadium for students excel in sports and games of their choice. It is encouraging the students by providing the specialized coaching, sending them to various competitions in District, University, state and country level. Every year many students are winning various gold medals at different levels. College is also hosting inter-university, inter-state competitions whenever opportunity comes.

Available Sports & Games Facilities:

S. No

Event

No. of courts available

Area Sq.m

Outdoor Games

1

Volley Ball

3

486

2

Basket Ball

1

420

3

Kabaddi

2

260

4

Kho-Kho Field

1

432

5

Foot Ball Field (Cricket) 200 meters track

1

2133.6

6

High Jump Pit for Athletics

1

27

7

Hand Ball

1

800

8

Tennikoit

1

219.5

9

Throw Ball

1

223.3

10

Indoor Badminton Courts

3

268.2

Indoor Games

1

Badminton

3

804.6

2

Girls Gym Room With (Carroms & Chess)

1

87.75

3

Boys Gym Rooms

2

175.5

4

Carroms & Chess Room

1

87.75

5

Table Tennis Hall With 3 Tables

1

144

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

12

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

47.20

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The central library is the significant feature of the college and is automated with all modern facilities and uses software developed by the students of this college. The main features of the library software are bar code based circulation system, web-based public online catalogue, Provision for serials control and stock verification etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

8.87

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

100

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute updates IT infrastructure as per the needs of the Students. Desktops from various Brands like Acer, Dell, HP with latest Processor capacity. Compatible High-end servers to meet up the IT-specific tasks like File, Database, Virus and Backup Management. Adequate Printers, Copiers and Scanners for document

imaging. Healthy connected 'CAMPUS-LAN' via structured Optic-Fibre and CAT6 cabling at the entire campus for anywhere data access. Central Management of File Storage for better retrieval during disaster incidents and auto backup management. 240Mbps of dedicated 1:1 Leased Line Internet Bandwidth Connectivity from the Class-A Internet Service Provider My guru On line services-vijayawada for education and research needs. Standalone 'Language Lab' with Audio-Video gadgets Supportive IT atmosphere for NPTEL learning tools. Secured IT Infrastructure by the leading security product manufacturers 'Fortgate-140d Firewall' hardware kit software suite. LCD projectors at class rooms to establish the ICT enabled teaching method. CCTV Surveillance at each laboratories and key-areas to ensure safety. Power backup facility through 152KVA capacities of online UPSs with 200KVA Generators for un-interrupted power supply.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=46&Itemid=147

4.3.2 - Number of Computers

1135

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support

facilities) excluding salary component during the year (INR in Lakhs)**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

24.62

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Maintenance of Infrastructure:

College has a campus engineer to implement the decisions taken by maintenance committee in connection with maintenance of infrastructure, electrical and plumbing requirements, painting and repairs if any in the campus. In addition, campus engineer attends to the complaints and suggestions from students and faculty. Civil works connected to construction and maintenance of buildings is taken up by the Construction committee.

Maintenance of Campus

The day-to-day cleaning of the campus is monitored by a Supervisor who is answerable to the administrative officer. Support is provided to him by assigning contingent staff for housekeeping, sanitation and gardening works in the campus daily. The maintenance supervisor prepares a schedule for regular maintenance of the campus.

Maintenance of Facilities**Maintenance of Library**

The infrastructure and facilities available in the library are looked after by the library staff supervised by the librarian. Library stock verification is carried out annually.

Maintenance of Play Area

The physical director is in-charge for the play areas. The cleanliness is maintained with the man power provided by the maintenance supervisor.

Maintenance of labs and lab equipment

Equipment in the labs is monitored by the lab technicians who supervise their functioning & calibration regularly and report failures to the lab in charges. The lab in-charges are responsible for the physical safety, preventive and breakdown maintenance of all lab equipment. They also suggest the purchase of new equipment, scrapping of obsolete and old equipment in the lab stock and for the replacement/ repair of the damaged.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

2400

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

B. 3 of the above

File Description	Documents
Link to institutional website	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

350

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

350

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

833

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

15

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

39

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

25

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The student representatives in all the associations/societies like ISTE/ IEEE student chapters, NSS and others organize various programs like paper presentations, symposiums, workshops, seminars that are conducted every Semester.

CLASS REVIEW COMMITTEE

A class representative serves as a bridge between the College and Students. CR makes sure that he/she is speaking on behalf of whole class students and not just giving his/her personal opinion.

CULTURAL AND SPORTS COMMITTEES

Students have strong representations in all cultural and sports and games committees and help in organization and management of events.

HOSTEL ADMINISTRATION:

There are two hostels, one for boy students and the other for girl students, exist in the college campus. The hostel is administered by a committee, which consists of Principal as Chief Warden, a Senior Professor as Warden and other teaching faculty as Resident Warden. The inmates belonging to each hostel select among themselves Mess Secretary, Mess Treasurer and other members to assist administration of the hostel. The student body and the administration work together in coordinating the hostel activities. The student body holds duties for one academic year.

ORGANIZATION OF SPECIAL EVENTS

Students organize, and celebrate the National Teachers Day, cultural and sports competitions, National celebrations that include, Independence Day, Republic Day, Engineers Day, Science Day and various NSS and social service activities.

TECH-FEST

Tech-Fest gives young minds an opportunity to showcase their skills and compete with other likeminded individuals and nurture talent, paper presentations, technical quiz, project expo etc.. are conducted.

File Description	Documents
Paste link for additional information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

16

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

ALUMNI ASSOCIATION

Sir C R REDDY College of Engineering prides itself on the success of its alumni. After successfully completing their academic years at the institute, our alumni went on to expand their wings and reached new heights, be it as entrepreneurs, industrialists, academicians, researchers, social cause champions, bureaucrats etc. We have had many notable alumni who have received national and international recognition in their respective professional fields.

- ALUMNI Association was formed in 2008
- It organizes yearly meets in the college and local meets at Hyderabad and Bangalore every year
- Extends their help to the poor students as well as to the non-teaching staff
- To orient the fresher
- To guide and Mentor the students
- To arrange the guest lecture from industry
- To support the internship training
- To support campus recruitments
- To sensitize the students on industrial demands
- To extend financial support to meritorious weak students

File Description	Documents
Paste link for additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institute activities are geared towards meeting its objectives. These objectives are listed below.

Objectives of the Institute

To build a productive and mutually beneficial partnership with all stakeholders including students, faculty, management, parents, employers, and alumni and to transform students into competent engineering professionals with good ethical values and societal responsibilities, the college has identified the following objectives in tune with the Vision and Mission of the institute:

1. Provide students with a solid foundation in the principles of engineering and technology.
2. Improve the analytical and problem-solving skills of students.
3. Provide a solid foundation for good communication skills.
4. To instill discipline and hard work necessary for academic achievement in students.
5. To inculcate skills necessary for team work and resources management by taking up multi-disciplinary projects, participation and organization of co-curricular activities.
6. To make students aware of statutory and international standards for design so as to face challenges in the industry.
7. To provide an environment that will help students grow into responsible citizens with good moral and ethical values.
8. Continuously improve the critical areas of faculty education and training for effective content delivery, academic and industrial research.
9. Develop rapport and partnership with industries and professional bodies for awareness on ongoing technological developments.
10. Build industrial consultancy work and possible solutions to engineering

File Description	Documents
Paste link for additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The management is proactive and supports all the activities and takes responsibility in providing the necessary facilities for growth of the institution.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan Based on the policy statements, the management advises the staff to accomplish the strategic plans through various activities.

The success of different activities is ensured through strict adherence to the action plans such as:

- Academic calendar for the institution which details the curricular activities.
- Calendar of events for co-curricular and extra-curricular activities by individual departments.
- Budgetary sanctions.
- Course file preparation with lesson plans and course plans.

File Description	Documents
Paste link for additional information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes, the institution has a formally stated quality policy and is committed to bring out and nurture the talents and skill of youth in the fields of engineering, technology and management to cater to the challenging needs of society and industry.

The quality policy is designed keeping in view of the vision, mission statements with inputs and expectations of the stakeholders in order to contribute the growth of knowledge, addressing social concerns. It is driven by active support of management, faculty members, parents and student community and academic administrative research policies. All the strategies are monitored by principal and heads of the departments to decide on academic quality control issues. This is achieved by

- Enhancing overall knowledge of the students.
- Providing excellent infrastructure and conducive learning environment.
- Enhancing the competence of faculty and promoting R&D programs.
- Collaborating with institutions and industries.

Ensuring continual improvement of quality management system.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Governing body is constituted as per the guidelines provided by AICTE. The Governing Body meets twice a year and the minutes are recorded. The attendance is generally 80%.

Composition of the Governing body:

Composition and List of Governing Body Members

S1.No

Name of the Member

Designation

1.

Sri ALLURI INDRA KUMAR

President, Managing Committee,

Sir C.R. Reddy Educational Institutions

Chairman

2.

Dr. M.B.S.V.PRASAD

Secretary

Member

3

Sri KILARU PRABHAKARA RAO

Joint Secretary

Member

4.

Sri CHITTURI JANAKI RAMAYYA

Treasurer

Member

5.

Sri JASTI MALLIKHARJUNUDU

Correspondent

Member

6.

Sri. K. HARIRAMA KRISHNAMA RAJU

Managing Committee and Designated Representative

Member

7.

Prof. M. KUMARA SWAMY

JNTUK Nominee

Member

8.

AICTE Nominee

Ex-Officio Member

9.

Prof. P. SURESH VARMA

APSCHE

Member

10.

Sri. B. K. SURYA PRAKASH

Regional Joint Director of Technical Education

A.U. Region Kakinada

Ex-Officio Member

11.

Sri. ADUSUMILLI VENKATA SUBRAHMANYAM

Industrialist

Member

12.

Dr. A. SRINIVASA REDDY

Professor

Member

13.

Sri. KATTA MIRANJI

Assistant Professor

Member

14.

Dr. G. SAMBASIVA RAO

Principal, Sir C R Reddy College of Engineering

Member Secretary

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Link to Organogram of the Institution webpage	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

D. Any 1 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Welfare Schemes for Staff

- Regular employees of the institute are entitled for employee provident fund scheme and related pension scheme.
- ESI scheme is implemented for eligible staff.
- Gratuity scheme is provided in the institution as per rules.
- Group insurance benefit is offered to all the staff of the institution.

- Medical health policy is implemented for staff.
- Incentives, promotion and increments are given.

Leave and Vacation Rules

- Rules for casual leave, earned leave, medical leave, special casual leave, maternity leave and other leaves are as per institutions rules.

All the welfare schemes listed above are utilized by eligible staff of the institution.

File Description	Documents
Paste link for additional information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

130

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance Based Appraisal System (PBAS)

A well-defined system for faculty appraisal for all the assessment years:

Head of the department will initiate the process of self-appraisal

of faculty members. It is a well-established formative assessment of faculty performance in academic, research and administrative activities. The self-appraisal form will be issued to all the faculty members. PBAS form consists of three parts namely academic, research and administrative. The various components covered in the three parts highlight the various activities which can be listed out as follows.

- Teaching, Learning, and Evaluation
 - Co-Curricular Activities
 - Research and Development
 - Administration Responsibilities and Extracurricular Activities
1. API score is the Appraisal Performance Indicator score obtained from the self-appraisal formats of the PBAS.
 2. This is the minimum score required to enable the HOD to recommend for annual increment.
 3. Final score is given by the HOD based on the three member Departmental Faculty Assessment Committee (DFAC) constituted by the Principal. HOD report should be signed by all the three members and forwarded to the Principal.
 4. Principal generally concurs with the HOD committee's API score unless there is an obvious, abnormal and deliberate hike or lowering of API score or they receive a representation from the faculty member seeking justice.
 5. Faculty members are required to produce evidence for the scores claimed at the time of scrutiny by the Departmental Faculty Assessment Committee (DFAC).

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution has both internal and external auditing system since its inception. The institution has qualified practicing chartered accountants as internal auditors who are auditing the accounts of the institution on a daily basis. Internal auditors check each and

every transition for conformity for release of funds/ expenditure. Internal auditor prepares all financial statements required for external auditing. No objections raised by external auditor to date as the internal auditing is being carried out by qualified and experienced auditors and the process is highly stringent and transparent.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institution always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. Sir C R Reddy College of Engineering is a self-financed private institution; tuition fee is the main source of income. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.

All the administrative and academic heads along with coordinators of

different cells will submit the budget requirements for the coming academic year. The College prepares an annual budget estimate duly considering the proposals received.

Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations. All transactions have transparency through bills and vouchers. The bill payments are passed after verification of items. Financial audit is conducted by chartered accountant for every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The necessary integration for quality assurance is done through decentralization and is effectively carried out as per quality policy in line with the suggestions of IQAC. The contribution of IQAC in institutionalizing quality assurance strategies and process are:

- Standardization procedures to organize various activities and standard formats for their quality assessment.
- Inculcating uniform data base management practices in all departments and various divisions.
- Establishment and standardization of various parameters for various academic and administrative activities of the institute.
- Organization of seminars and workshops on quality and related themes
- Adoption and dissemination of best practices and development of quality culture in the institute.
- Uniform student performance evaluation mechanism of the institute.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Upload two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC Two examples of IQAC-supported institutional review and training learning reforms:

Academic review through periodical meetings:

College has faculty coordination committees separate for Arts, Commerce and Science streams. The Faculty Coordination Committee conducts an academic review of all departments collecting information on academic activities, such as completion of study programs, unit tests, assignments, seminars, group discussion, quiz, education tour and other activities. Faculty Head (HOF) meet regularly with relevant services to assess academic and administrative issues. Important questions are discussed in meetings with IQAC and Faculty heads. The teachers and students are interacted regarding the changes in the curriculum, new teaching methods and ICT use. This setup has evolved into successful review methodology for improvement in teaching and learning process. .

Use and enrichment of ICT infrastructure

- The use of ICT tools has become an integral part in teaching -learning process. IQAC always encouraged teachers to utilize these tools in academic and laboratories. IQAC prepares the plan to include the use and enrichment of ICT infrastructure expecting from each departments. The IQAC has advised the administration to enrich ICT infrastructure by purchasing advanced ICT tools, broadband internet Wi-Fi facility. Periodically IQAC has trained teachers and non- teaching staff to use ICT by arranging different workshop i.e. Google Apps, Video conference, use of e-mail, handling ICT instrument etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/drive/folders/1RKryB7jAHPP2Yhumc7RQ56weAJpgPIJT
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

No gender discrimination is shown in any aspect.

- To maintain gender equality, two class representatives are selected, one from boys and the other from girls.
- The college being co-educational, male and female students together form teams and work together in the laboratories, group assignments, mini and major projects and events conducted at department level or college level.
- Environmental Studies is introduced to all the students to

know the concepts of eco system and its function in the environment. Through the subject, students can understand the social issues in both rural and urban environment and the possible means to combat the challenges.

- The institution has a Women Protection Cell to handle sensitive issues pertaining to Women's rights and security. The Cell is comprised of senior female faculty members from all the departments.
- Complaint boxes are arranged in the campus by the Grievance Redressal Cell to deal with academic and personal issues of students. Further a counselling system is evolved for students to approach their counsellors regarding their problems.
- NSS and Sports center as well as Civil Engineering Department focus on activities that deeply impress environmental consciousness among all. The campus is made plastic free and the ambience fosters love of nature.

File Description	Documents
Annual gender sensitization action plan	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://sircrrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management

All solid wastes are disposed of with the help of local authorities.

Liquid waste management

Liquid waste generated is either suitably deposited in pits or disposed of with the help of local authorities.

Hazardous waste management

Waste separation at sources is done and separated solid wastes are dumped at designated locations.

Water harvesting and recycling

Buildings are provided with rain water harvesting facility to help in maintaining and improving the

water table.

E-waste management

E-waste management has been given due focus and all electronic goods are put to optimum use.

Obsolete computers and other wastes generated from the electronic equipment are auctioned to

authorized e-waste dealers.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://sircrengg.ac.in/index.php?option=com_content&view=article&id=24&Itemid=329
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	D. Any 1 of the above
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	D. Any 1 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>C. Any 2 of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

No gender discrimination is shown in any aspect. To maintain gender equality, two class representatives are selected, one from boys and the other from girls. The college being co-educational, male and female students together form teams and work together in the laboratories, group assignments, mini and major projects and events

conducted at department level or college level. Environmental Studies helps students know the concepts of eco system and its function in the environment. Through the subject, students can understand the social issues in both rural and urban environment and the possible means to combat the challenges. The programs like tree plantation are being organized inside and outside the campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institution arranges several programs to deal with values, duties, and responsibilities.

- Guest lectures are arranged on moral and ethical values to students with experts from organizations such as Brahmakumaris, Art of Living, etc.
- With the help of local police and judiciary, lectures are arranged for students on road safety, code of conduct etc.
- Anti-ragging being a serious menace, from the time of induction and orientation of students, awareness is raised against ragging practice. The same is communicated through display of anti-ragging posters prominently throughout the college and also through various awareness program conducted by local authorities.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code

D. Any 1 of the above

of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Many commemorative days, events are celebrated and students take part in them enthusiastically:

- Practices like planting trees, road safety awareness campaigns, earth hour campaign etc., are encouraged to generate social awareness among our students.
- Through NSS program, various activities like blood donation camps are organized and thus the students are involved in the social service.
- Independence day, Republic day, Engineer's Day, Teacher's day, World Environment day, etc., are observed with due respect.
- Literacy camps are arranged in nearby villages through NSS program.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practices

1. Title of the Practice - Improving Employability of Students through Skill

2. Title of the Practice - Student Mentoring System

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Title of the Practice - Student Mentoring System

To minimize irregularity in attendance, reduce backlog subjects and avoid dropouts through paying attention towards each student, proper counselling, stress management, guidance in academic difficulties and career plans, and overall development.

Many students are from disadvantaged sections of the society and this results in irregular attendance and less concentration on studies due to personal issues. This results in poor attendance and backlog subjects which lead to increase in the number of dropouts. It is evident from the analysis of student entry characteristics that over 60% of the students fall under fee reimbursement category with 30%

in their academics which result in poor attendance and number of backlog subjects. students

joining through management quota and only 10% of the students pay college fee from parents' income. This indicates that 60% of students who cannot afford to study the course unless government supports them through fee reimbursement. In addition, most of the students are from rural background, lacking required communication skills. Their inhibitions, poverty and brought up make them fear studies and force them to lag behind

The highly competitive and complicated job market requires not only mastering the course content but also good communication skills and

Inter personal skills. It has become imperative that a mentoring system is in place for the students to overcome stress, personal, domestic and academic difficulties.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The institute has a comprehensive plan in place to meet the vision of the institute and its goals. These are highlighted below. The institution would like to organize the following programs

- Start new age computer courses, Obtain NBA Accreditation for UG programs of CE, CSE, ECE, EEE, MECH and IT.
- Organizing more Campus Recruitment Training programs for engineering students to enhance their employability skills.
- Focusing on FDP programs on latest trends in industry.
- Strengthening student Hackathon activities. Teaching and Learning
- To append laboratories with some latest equipment matching with the needs of the industry and society.
- Effective monitoring of the attainment of Course Outcomes, Program Outcomes and Program Educational Objectives.
- Adapting innovative delivery methods.
- Collaboration with industry and institutions of repute.
- Improving the faculty student ratio.
- To recruit senior faculty to strengthen human resources in the institution.
- Research
- To increase research activity further in all departments.
- To apply for more number of projects externally funded.
- Encourage the faculty to apply Research Proposals for Research Grants from various funding agencies like DST/AICTE/UGC/DRDO/ISRO etc.