



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>Sri Sai Ranganathan Engineering College</b>
• Name of the Head of the institution		<b>Dr. R. K. Gnanamurthy</b>
• Designation		<b>Principal</b>
• Does the institution function from its own campus?		<b>Yes</b>
• Phone no./Alternate phone no.		<b>04222619100</b>
• Mobile No:		<b>9042133681</b>
• Registered e-mail		<b>rec.cbe@gmail.com</b>
• Alternate e-mail		<b>rec.cbe@reccbe.ac.in</b>
• Address		<b>REC Kalvi Nagar, Viraliyur PO, Thondamuthur VIA, Coimbatore</b>
• City/Town		<b>Coimbatore</b>
• State/UT		<b>Taminadu</b>
• Pin Code		<b>641109</b>
<b>2.Institutional status</b>		
• Affiliated / Constitution Colleges		<b>Affiliated</b>
• Type of Institution		<b>Co-education</b>
• Location		<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Anna University</b>				
• Name of the IQAC Coordinator	<b>SUDHAKAR G</b>				
• Phone No.	<b>04222619100</b>				
• Alternate phone No.	<b>04226219106</b>				
• Mobile	<b>8870080076</b>				
• IQAC e-mail address	<b>iqac@reccebe.ac.in</b>				
• Alternate e-mail address	<b>sudhakar.g7018@gmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://reccebe.ac.in/aqar.php">https://reccebe.ac.in/aqar.php</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://reccebe.ac.in/tie-ups.php">https://reccebe.ac.in/tie-ups.php</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.99</b>	<b>2024</b>	<b>14/02/2024</b>	<b>13/02/2029</b>
<b>6.Date of Establishment of IQAC</b>			<b>02/02/2023</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	4	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	Yes	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>The implementation of the Add-on Courses Delivery, course file followed the prescribed format without any deviations, and the feedback received met the expected outcomes. Modern methods such as concept mapping, flipped learning, objective-based learning, and ICT tools have been optimized and integrated into course content delivery to make the teaching and learning process more engaging and mutually beneficial. All faculty members have published papers based on the final-year student projects in reputed journals, highlighting the high-quality contributions of the students The Learning Management System (LMS) is well-established, providing an interactive platform for both students and faculty. It allows students easy access to study materials, lectures, and reference papers, fostering the enhancement of their academic skills. Additionally, the LMS manages course content in video format, with recorded sessions also uploaded to YouTube for wider accessibility Off-campus interviews for direct placement in industries are organized for all deserving students, with regular updates on employment opportunities provided. The Placement Training Department also facilitates in-plant training and internships, benefiting a significant number of students through these initiatives.</p>		
<b>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</b>		

Plan of Action	Achievements/Outcomes
<p>Four add-on courses are planned at the beginning of each semester: two are offered during the odd semester, and one is scheduled for the even semester.</p>	<p>Students who attended gained exposure to the latest trends in the core field, beyond the curriculum, and acquired the skill sets expected by the industry, effectively bridging the gap between academic learning and industry requirements.</p>
<p>Student - centric teaching methodologies, such as concept mapping, OBLF (Outcome-Based Learning Framework), and flipped learning, were introduced. Additionally, ICT tools were employed to deliver the course content effectively and with ease</p>	<p>These approaches enhanced student engagement, fostered improved memorization, developed problem-solving skills, and stimulated cooperation and teamwork</p>
<p>It was suggested that to enhance the research quality of faculty members, they should aim to publish two papers in reputable journals each semester</p>	<p>Effective professional development activities are underway to increase research literacy and skills among novice faculty researchers, aiming to achieve high-quality research output</p>
<p>The Learning Management System (LMS) manages all types of content, including video lectures and recorded sessions, which are then uploaded to YouTube</p>	<p>Students benefit greatly from the open-source platform, which consolidates all relevant materials, making it easier for them to enhance their academic excellence</p>
<p>Both on-campus and off-campus placements are offered in reputed industries for all deserving candidates, with periodic updates provided to keep them informed</p>	<p>While academic excellence is important, the overall personality development still needs to be enriched to achieve the goal of 100% placement, thereby contributing to both personal and institutional growth</p>
<p><b>13. Whether the AQAR was placed before</b></p>	<p><b>Yes</b></p>

<b>statutory body?</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Council	18/09/2023
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2023	13/02/2023
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>SSREC is committed to providing high-quality education aimed at developing human resources who can contribute as global citizens. The institution offers interdisciplinary courses designed to provide students with maximum flexibility, allowing them to choose elective courses from other departments. SSREC is actively working towards implementing the recommendations made by the accrediting university. The interdisciplinary teaching and learning process encourages research on complex problems that cannot be solved by a single discipline alone. This approach is particularly beneficial in student project work and product development. Integrated teaching programs are organized around topics, issues, themes, or problems, helping students develop transferable skills such as critical thinking, communication, and research. Students have a broad range of industry sectors to choose from by selecting elective courses that align with their interests and career goals. Faculty members equip students with the disciplinary knowledge and skills necessary to address and solve problems in their areas of expertise. In their final year, students participate in product development projects, collaborating across departments. This collaboration fosters learning from each other, challenges discipline-based misconceptions, and encourages a deeper understanding of the problem by integrating knowledge from various fields</p>	
<b>16. Academic bank of credits (ABC):</b>	
<p>The Government of India intends to introduce the "Academic Bank of Credits" under the National Education Policy (NEP) 2020. This digital platform is designed to provide students with academic freedom across various subjects, enabling them to pursue their interests and set a strong foundation for their future ambitions.</p>	

The system will facilitate credit recognition, accumulation, transfer, and redemption across degree-granting Higher Education Institutions (HEIs), offering flexible and distributed learning opportunities. However, establishing the Academic Bank of Credits at SSREC is a challenge due to its affiliation with Anna University. Currently, students have the opportunity to participate in online courses, NPTEL programs, and other initiatives, with their credits being applied to their academic records. SSREC has already initiated the process of becoming an autonomous institution, and once this is completed, it will pave the way for implementing the Academic Bank of Credits, significantly benefiting our students. Upon official registration, students will be able to access their login to the Academic Bank of Credits, where the Academic Institution (AI) can review their eligibility for credit transfers. The AI will approve or reject transfer requests in accordance with UGC guidelines

### **17.Skill development:**

Skill development programs provide a comprehensive understanding of the practical application of skills required in today's work environment. These programs are designed to help students continuously evaluate and improve their skills, both personally and professionally, throughout all stages of their careers. At SSREC, we offer placement training in collaboration with NEOLYSIS for students from the first year through to the final year. The training includes aptitude development to enhance quantitative, verbal, logical, and reasoning skills, as well as soft-skills training to improve students' personalities, confidence levels, public speaking abilities, and presentation skills. Additionally, the program includes mock interviews and group discussions to further prepare students for the professional world. The departments organize seminars, guest lectures, and workshops in their respective domains, providing specific technical skills training by industry experts. Students are also encouraged to participate in conferences, symposiums, workshops, training programs, and initiatives like NPTEL. Our Research & Development (R&D) cell plays a key role in fostering students' research interests and motivating them to pursue higher studies. Similarly, the Entrepreneurship Development Cell collaborates with various departments to inspire students to consider entrepreneurship, offering a range of supportive programs. The Internal Placement & Training Cell offers students the opportunity to apply the theoretical knowledge and skills they've gained throughout their courses. Regular visits to SRI Group of Industries and other software companies provide students with valuable hands-on training, helping them gain practical insights into the industry. These experiences better prepare students for the

professional world, boosting their awareness and readiness for the challenges ahead

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

India is a cultural treasure trove, boasting a rich history that has given rise to a wealth of art, literature, traditions, artifacts, linguistic expressions, and heritage sites. Every day, millions of people from around the world engage with and benefit from this cultural wealth. They travel to India to experience its renowned hospitality, purchase Indian handicrafts and handmade textiles, read classic Indian literature, practice yoga and meditation, draw inspiration from Indian philosophy, attend vibrant festivals, appreciate music and art, and enjoy Indian cinema. One of the primary ways to spread culture is through the arts, which are known for enhancing cognitive and creative abilities, as well as providing overall enjoyment. The arts also play a crucial role in strengthening cultural identity, fostering awareness, and uplifting societies. It is essential to make Indian arts accessible to students at all stages of education, starting from early childhood. This exposure supports their happiness, cognitive development, and fosters a strong sense of cultural identity. Despite numerous efforts, India faces a chronic shortage of qualified language teachers. There is a pressing need to improve language education, making it more interactive and communicative. Rather than focusing solely on grammar, vocabulary, and literature, language instruction should emphasize real-world communication and interaction. Increasing the use of languages in speech, teaching, and learning is vital to achieving this goal.

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

Graduate Attributes (GAs) refer to the characteristics that demonstrate a graduate's ability to acquire and apply the necessary skills at the appropriate level of practice. Bloom's Taxonomy provides a framework that enables educators to think critically about the content and objectives they teach in the classroom. There are two dimensions in Bloom's Taxonomy: Knowledge Dimension with four levels: Factual Conceptual Procedural Metacognitive Cognitive Process Dimension with six levels: Remembering Understanding Applying Analyzing Evaluating Creating Program Outcomes (POs): Program Outcomes are statements about the knowledge, skills, and attitudes (attributes) that graduates of a formal engineering program should possess. POs focus on the general competencies and expertise a graduate will have upon completing the program. Program Educational Objectives (PEOs): PEOs are broad statements that

describe the career and professional accomplishments the program is preparing graduates to achieve. They outline the long-term goals for the graduates. Program Specific Outcomes (PSOs): PSOs describe the specific skills and techniques that graduates will possess within a particular engineering discipline. These outcomes define the application of knowledge in the context of the specific program. Course Outcomes (COs): Course Outcomes describe the cognitive mechanisms and skills that students gain at the end of each course. They indicate the specific learning objectives that students are expected to achieve.

## **20.Distance education/online education:**

The rise of online learning platforms during the pandemic and beyond has significantly transformed how students approach education and professional development. One of the standout platforms in this shift is the National Programme on Technology Enhanced Learning (NPTEL), which offers online certification courses in various engineering, science, and humanities disciplines. NPTEL, a collaborative initiative by the Indian Institutes of Technology (IITs) and the Indian Institute of Science (IISc), has become a powerful tool for students to enhance their knowledge and skills outside the traditional classroom setting. Key Benefits of NPTEL Online Certification Courses Certification from IITs and IISc: The highlight of NPTEL courses is the opportunity for students to earn certificates from prestigious institutions like the IITs. These certificates are highly regarded by employers and academic institutions, adding significant value to a student's resume. The certification exam gives students an official recognition of their learning, further boosting their credibility in the job market. Career Advantages: Job Opportunities: The certifications from IITs carry weight in the professional world, especially in fields related to technology, engineering, and management. Companies across sectors recognize NPTEL certificates, and students with these credentials may have an edge in job applications. Internship Opportunities: Many research centers, companies, and institutions look at these certifications as an indication of a student's initiative and expertise. This often translates into internship opportunities where students can gain hands-on experience in real-world applications. Preparation for GATE and Higher Studies: NPTEL courses serve as an excellent preparation tool for competitive exams like the Graduate Aptitude Test in Engineering (GATE) and for students aspiring to pursue higher studies like M.Tech, MS, or Ph.D. in specialized fields. The depth and quality of the courses, taught by esteemed faculty from IITs, make them invaluable for building a strong foundation in technical subjects. Self-Learning and Commitment: One

of the major advantages of online platforms like NPTEL is the flexibility they offer. Students are encouraged to engage in self-paced learning, which fosters a sense of responsibility and commitment to their education. This self-directed approach cultivates essential skills such as time management, critical thinking, and independent problem-solving, which are crucial in both academic and professional settings. **Skill Development:** NPTEL's courses are designed to not only impart theoretical knowledge but also provide practical insights into the latest industry trends and innovations. Students develop both technical and soft skills that are relevant to their fields. This includes hands-on projects, case studies, and interactive learning modules, which make the courses more engaging and relevant to real-world challenges. **A Wider Network of Opportunities:** Students are made aware of the vast array of opportunities that lie ahead, whether it is pursuing higher studies, preparing for competitive exams, or applying for internships and jobs. By engaging in self-paced learning through NPTEL, students expand their knowledge base, develop new skills, and position themselves well for future career prospects.

### Extended Profile

#### 1.Programme

1.1	178
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	588
Number of students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.2	252
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
2.3	62
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	78
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	78
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	37
Total number of Classrooms and Seminar halls	
4.2	444.87
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	421
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	

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

**Curriculum Planning:** The Anna University curriculum is a blend of Basic Science, Basic Engineering, Core Courses, Elective courses, Projects and Seminars. **Course Allocation:** Before the commencement of every semester, the course allocation is done based on the choice / expertise of the faculty members by the HOD. **Elective subjects** are finalized based on student willingness. **Course File:** Course file is prepared by the faculty members with a detailed lesson plan, Lecture Notes, assignments, question bank, answer keys, previous university question papers. To assess the knowledge of students, question papers for the Internal Assessment tests are prepared with desired Bloom's Taxonomy levels. **Curriculum Delivery Plan:** At the beginning of each semester, the faculties are asked to submit course plan, course material, attendance, assessment record. Faculties are encouraged to deliver the curriculum syllabus using innovative methods like PPT and video presentations. The curriculum delivery includes traditional teaching, collaborative learning. **Laboratory classes:** It involves practical work to understand theoretical concepts. It helps students to build stronger foundation of theoretical knowledge and improves practical skills. **Collaborative Learning:** Project-based learning: It is a collaborative method that develops team-building and leadership skills. Students work on a project in teams to learn and develop real-world skills.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://recbbe.ac.in/assets/pdf/1.1.1.pdf">https://recbbe.ac.in/assets/pdf/1.1.1.pdf</a>

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

**Academic calendar:** At the beginning of the academic year an academic schedule is published by the Anna University for UG / PG Programmes. The Institution confirms effective time management and strictly follows timeliness given by the Anna University (AU). The Institute carries out effective planning to adhere to the academic calendar; this permits the faculty members and the students to space out their teaching, learning and regular assessment. Based on this academic calendar for the institute is prepared which highlights commencement of the classes, last working day, duration of semester, schedule of Internal Assessment Tests / Model Examination, End Semester

Examinations, Annual Day, Sports Day and Holidays. Based on the academic calendar the Department plans the Seminars, Conferences, Workshops, Guest lectures, Value Added Courses and Industrial Visits. The institution formulates the academic calendar in alignment with the university's academic timetable. The principal approves the academic schedule, which is then distributed to all departments and made available online for compliance and information. The Head of Departments proactively devises a tentative schedule for academic events such as seminars, workshops, guest lectures, conferences, and symposiums, well in advance. The academic calendar specifies the exact timeframe for organizing extracurricular and social activities.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://recbbe.ac.in/assets/pdf/1.1.2.pdf">https://recbbe.ac.in/assets/pdf/1.1.2.pdf</a>

**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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)**

555

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

555

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

555

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**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 college offers a variety of courses that promote professional competencies while others seek to in still general competencies like social values, human values, environmental sensitivity, etc. Our institution incorporates the cross-cutting issues related to gender, environment and sustainability, human values, and professional ethics. All programs include courses on environmental studies, human values, ethics, human resources and organisational behaviour, and community outreach through NSS.

1. Gender Sensitivity The college incorporates core and elective courses on gender or gender-related topics through a variety of departments. In addition to offering counselling and promoting gender equity among students, the college maintains a Women Grievance Cell and Grievance Redressal Cell to address concerns regarding the safety and security of female instructors, staff, and students.

2. Professional Ethics & Human Values A significant component of the curriculum is the required course "Universal Human Values & Professional Ethics" and the open elective subject "Understanding the Human Being Comprehensively- Human Aspirations and Its Fulfilment" for the final year.

3. Environment studies The college recognises the importance of sustainability by emphasising the Clean and Green Environment requirement. A three-credit course on environmental studies has been added to the curriculum as a required component of the foundation course.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

581

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

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

581

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 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**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<b>No File Uploaded</b>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://reccbe.ac.in/feedback.php">https://reccbe.ac.in/feedback.php</a>

## 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

360

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

197

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 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

**Efforts to identify the students learning levels:**

**The students learning levels are categorised on their cut-off marks**

during Induction Programme.

Based on Continuous Assessment (CA1) performance, advanced learners and Slow Learners are categorised.

The class advisors / tutors distinguish the advanced learners and slow learners based their learning levels in previous semesters.

Class committee meetings are conducted three times per semester and feedback is collected from subject handling faculties.

Program for slow learners:

Each mentor is assigned with 20 students per year to provide one to one counselling for overall improvement.

Retest schedule and Remedial classes are conducted for identified slow learners from CIA exam.

Previous year university question paper and unit wise Question banks, along with Key points and stepwise solution for analytical subjects.

File Description	Documents
Link for additional Information	<a href="https://recbbe.ac.in/assets/pdf/2.2.1-POLICY.pdf">https://recbbe.ac.in/assets/pdf/2.2.1-POLICY.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
588	78

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

**Our institution adopts student-centric Outcome-Based Education (OBE)**

and Choice-Based Credit System (CBCS) methods based on 2017 and 2021 regulations. A robust teaching-learning process ensures the attainment and enhancement of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) for diverse student levels.

#### Response

The institution fosters an inclusive environment, blending innovative learning methodologies and hands-on experiences. This prepares students to tackle real-world challenges and cultivates intellectual curiosity, critical thinking and lifelong learning. Graduates leave with enhanced self-development, intellectual growth and practical skills applicable across various fields.

#### Experiential Learning:

- ICT tools enhance experiential learning.
- Laboratory experiments and mini-projects go beyond syllabus requirements.
- Final-year projects apply theoretical knowledge.

#### Individual Learning:

- Assignments and seminars promote individual learning.
- Mentoring encourages SWAYAM-NPTEL certifications.

#### Participative Learning:

- Add-on courses and participation in conferences, symposiums and events are encouraged.
- Club activities like Tamil Mandram, YRC, UBA, and NSS foster collaboration.

#### Problem-Solving Methodologies:

- Tamil Nadu State Council for Science and Technology (TNSCST) funds socially relevant student projects.

This holistic approach ensures that students develop as confident, innovative and socially responsible individuals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://reccebe.ac.in/assets/pdf/2.3.1.pdf">https://reccebe.ac.in/assets/pdf/2.3.1.pdf</a>

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

### Integration of ICT in Classrooms

Classrooms at our institution are equipped with advanced Information and Communication Technology (ICT) tools that significantly enhance the teaching and learning experience. These tools support educators in delivering information more effectively, making lessons more engaging and interactive for students.

### Enhanced Learning Experience

The integration of ICT facilitates a dynamic learning environment where multimedia presentations, interactive simulations and digital resources are readily available. This not only captures students' attention but also caters to various learning styles, ensuring that all students can grasp complex concepts more easily.

### Optimized Information Delivery

ICT tools streamline the delivery of information, allowing for real-time feedback and assessment. Educators can use digital platforms to track student progress, adapt their teaching strategies and provide personalized support. This responsiveness fosters a more effective learning atmosphere.

### Collaboration and Engagement

Moreover, ICT promotes collaboration among students through group projects and online discussions, encouraging teamwork and communication skills. By utilizing these technologies, we prepare students for the digital world they will encounter in their future careers.

In summary, the incorporation of ICT tools in classrooms is vital for optimizing teaching methods, enhancing student engagement, and ultimately improving educational outcomes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://recbbe.ac.in/assets/pdf/2.3.2.pdf">https://recbbe.ac.in/assets/pdf/2.3.2.pdf</a>

### 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

39

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

78

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 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

19

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

78

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

SSREC employs a systematic and transparent internal assessment process to ensure academic excellence and student success. This approach is designed to align with educational outcomes and foster continuous improvement.

#### Academic Calendar Preparation:

An academic calendar is meticulously prepared based on the schedule of the Affiliating University. It outlines specific dates for syllabus completion and Continuous Internal Assessments (CIAs).

#### Assessment Execution:

Faculty members design question papers for each course, adhering to Bloom's Taxonomy. Two sets of question papers are created, approved by the HOD and submitted to the exam cell. The Chief Examination Officer (COE) randomly selects one set for the examination.

**Monitoring and Evaluation:**

The Exam Cell oversees the examination process, ensuring fair and transparent evaluations as part of the institution's quality improvement program.

**Result Dissemination:**

Answer scripts are evaluated and returned within a week of internal exams for mark verification. Test results are uploaded to the affiliating university's web portal for transparency.

**Accessibility for Students:**

Students can easily access their attendance and internal test marks via the Anna University web portal at any time.

This structured approach reflects SSREC's commitment to fostering academic growth and excellence.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://recbbe.ac.in/assets/pdf/2.5.1.pdf">https://recbbe.ac.in/assets/pdf/2.5.1.pdf</a>

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

**Exam Cell and Evaluation Process**

The institute's exam cell prepares the Continuous Internal Assessment (CIA) test schedule based on the academic timetable provided by Anna University. This schedule is communicated effectively through oral announcements and departmental notice boards. Exams are conducted with well-planned seating arrangements and hall invigilation plans. Invigilators ensure the proper distribution of answer booklets and verify question papers in each hall. Any discrepancies, such as errors in question markings or total mismatches, are promptly resolved by faculty members.

**University-Level Oversight:** End-semester examinations are conducted following university guidelines. Faculty handling the courses report any question paper discrepancies to the exam cell, which, through the Principal, informs the Chief Examination Officer (COE) to communicate with the affiliating university.

**Re-Evaluation Process:** Students dissatisfied with their results can request re-evaluation within a week of result announcements. Photocopies of answer sheets are provided for review, and course faculty assess them to recommend revaluation if necessary. The COE forwards revaluation applications to the university, and the revaluation results are published by the university.

This structured process ensures transparency, fairness and efficiency in assessments and evaluations, supporting students' academic progress.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://reccbe.ac.in/assets/pdf/2.5.2.pdf">https://reccbe.ac.in/assets/pdf/2.5.2.pdf</a>

## 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 institution ensures transparency and accessibility by clearly stating the Programme Outcomes (POs) and Course Outcomes (COs) for all academic programs it offers. These outcomes are meticulously designed to align with the institution's vision, mission and educational objectives, ensuring that students achieve both theoretical knowledge and practical skills relevant to their fields.

- Programme Outcomes (POs) outline the broad competencies students are expected to acquire by the end of their academic program, such as critical thinking, problem-solving and professional ethics. Course Outcomes (COs) specify the learning achievements expected at the conclusion of individual courses, ensuring a cohesive progression towards achieving the POs.
- To promote awareness, these outcomes are prominently displayed on the institution's official website. This ensures that all stakeholders, including students, parents, alumni, and industry partners, can readily access and understand the academic goals of each program.
- Regular updates and refinements to the POs and COs are carried out based on feedback from faculty, students, alumni, and industry experts. This process ensures that the outcomes remain relevant and aligned with current academic and professional standards.

By clearly articulating and displaying these outcomes, the institution fosters accountability and provides a roadmap for student success and holistic development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://reccb.e.ac.in/assets/pdf/2.6.1.pdf">https://reccb.e.ac.in/assets/pdf/2.6.1.pdf</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Our institution adopts Outcome-Based Education (OBE) to produce skilled engineers and socially responsible individuals. Each program comprises courses with defined Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). Achieving these outcomes ensures holistic student development and alignment with industry standards.

**CO Attainment Process:** CO attainment is evaluated through 80% direct assessment and 20% indirect assessment.

- **Direct Assessment:** Includes internal assessments, external exams, and course exit surveys. Internal assessments contribute 80% weightage and emphasize fair, transparent evaluation through tests, projects, and quizzes. Feedback mechanisms ensure continuous improvement.
- **Indirect Assessment:** Conducted via course exit surveys, capturing student feedback for curriculum enhancement.

**PO and PSO Attainment Process:** Attainment of POs and PSOs also follows 80% direct and 20% indirect assessment methods.

- **Direct Assessment:** Includes internships, projects, and viva-voce to measure course contributions to POs and PSOs.
- **Indirect Assessment:** Managed by the Internal Quality Assurance Cell (IQAC), focusing on teaching quality, faculty development, and curriculum updates.

OBE emphasizes practical learning, industry collaboration, and soft skill development, preparing graduates for future challenges. This comprehensive approach ensures high-quality education, fostering intellectual growth and career readiness.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://recbbe.ac.in/assets/pdf/2.6.2.pdf">https://recbbe.ac.in/assets/pdf/2.6.2.pdf</a>

### 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

62

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://recbbe.ac.in/assets/pdf/2.6.3.pdf">https://recbbe.ac.in/assets/pdf/2.6.3.pdf</a>

### 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://recbbe.ac.in/assets/pdf/2.7.1.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)

nil

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 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

nil

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	<a href="https://reccebe.ac.in/assets/pdf/3.1.2.pdf">https://reccebe.ac.in/assets/pdf/3.1.2.pdf</a>

### 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

12

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

## 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

11

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 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

13

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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

The SSREC volunteers have been actively engaged in community service initiatives throughout 2023 and beyond. In July 2023, they organized a successful Mega Eye Camp, providing essential eye care to those in need. Their commitment to cleanliness was evident through the Cleaning Activity program in Ashokapuram and participation in the Swachh Bharat mission, contributing to a cleaner, healthier environment. In August 2023, they played a key role in the Namma Ooru Superu program, focused on community development and well-being.

Focusing on environmental conservation, SSREC volunteers collaborated with the National Service Scheme (NSS) and the Integrated Communication and Outreach Programme (ICOP) from Coimbatore to organize a Water Quality Management program. They also led the "Plant Trees to Protect Nature" initiative at Seengapathi

and celebrated World Forest Day with a tree plantation drive at Devarayapuram High School on March 21, 2023.

Their dedication to public health was further demonstrated through an awareness program for Malaria Day in April 2024. Through these diverse initiatives, SSREC volunteers have made meaningful contributions to environmental sustainability and social welfare, leaving a lasting positive impact on their community.

File Description	Documents
Paste link for additional information	<a href="https://reccbe.ac.in/assets/pdf/3.3.1.pdf">https://reccbe.ac.in/assets/pdf/3.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

### 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

10

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 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

475

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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

239

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 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

10

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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.

#### 1. Academic Facilities:

Sri Sai Ranganathan Engineering College has a beautiful landscape, planned architecture, eco-friendly environment, spacious classrooms, well equipped laboratories and good infrastructure spread over 10.17 acres. The college has taken a learner-centered approach to meet the educational needs of students from all backgrounds and with various goals. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup

#### 2. Laboratories

The Institution has well equipped laboratories as per the regulations of AICTE and Anna University. Laboratories may be equipped with tools and equipment that students can use to build projects. Sufficient safety measures have been incorporated and are displayed at strategic locations in the laboratories

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">Nil</a>

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

### Sports

A spacious play ground is available for outdoor and indoor games like Volleyball, Basketball, Shuttle, Kabaddi, Table tennis, Carrom and Chess. The Physical director have separate room to monitor the sports activities.

### Cultural Activities

The students participated in the various cultural events organized during KALAICHARAL Festival with good enthusiasm.

### Yoga Centre and Gym Facilities

SSREC College has Gym Facilities and Physical Training Yoga class that provides a Peaceful mind to enhance their well-being and inner Serenity.

### Transport and canteen facilities

The institute provides transport facilities for the students and staff from and to various parts of the city. Canteen facilities are also provided for students & staff and food served is hygienically prepared and subsidized.

### Miscellaneous

The Facilities also include well Wheel chair for Physically challenged students, Ro water plant, Sanitary napkin vending machine, maintained Lift, CCTV Surveillance, Solar plant, Generator set, Biogas plant, Fire Extinguisher, and Rainwater harvesting.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">Nil</a>

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

29

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

29

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://reccbe.ac.in/smart-class-room.php">https://reccbe.ac.in/smart-class-room.php</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

44.78

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

**1. Central Library**

Sri Sai Ranganathan Engineering College Central Library is built-up with area of 3640 square feet. It has a seating capacity of 150 students. In addition to the central library, there are departmental libraries with specific books in each department that borrow books from the central library for quick reference. The Central Library has 25180 printed books in its collection, with 5121 titles spanning all disciplines of Engineering and Technology, Science and the Humanities, and management studies.

The library offers an extensive collection of old issues of journals and publications, as well as educationally focused CDs, NPTEL Videos, E-Books, and databases, to assist the colleges' teaching, research, and extension programmes. It includes a selection of examination questions from previous semesters, conducted by Anna University.

## 2. Digital Library

The library was fully automated in the year 2008 using the Integrated Library Management System (ILMS) Lips I Net software, it is a web based software and features of this Windows environment includes: The OPAC, which determines the status and location of a books in the library, lists the volumes that are currently available as well as the borrowing status of both print and non-print resources. It includes modules including the Master Module, Report Management Module, Circulation Control, and Bar-coding Module.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="#">Nil</a>

**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**

D. Any 1 of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

3.7

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

#### 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

106

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

Sri Sai Ranganathan Engineering College has a beautiful landscape, planned architecture, eco-friendly environment, spacious classrooms, well equipped laboratories and good infrastructure spread over 10.17 acres. The class room, laboratories, seminar halls & Conference hall has equipped with LCD projectors and screens, audio systems, white boards and a computer with Internet connectivity.

The Broadband Service is from AIRTEL. The college has established a high-speed campus-wide network connecting all departments with 416 systems. Full access is provided to all staff to access online sources of services and information through 50 Mbps from Airways Communication.

##### Computing resources

SSREC has excellent IT facilities for students and faculty. The highly configured system available is the i5 processor 3 rd Gen 2.53 GHZ with 4 GB RAM, 320 GB Hard Disk with SSD 128 GB.

##### Wi-Fi Campus

The Internet facility is provided through Airways communication with a bandwidth of 50 Mbps. The computers in the different departments are interconnected with LAN through switches. The entire campus has various Wi-Fi access points to access educational resources.

#### E-Services

The college website provides all the essential information for the stakeholders. A Kredo-Voice Out facility is available for the feedback System.

#### Updating the IT Facilities

To carry out project activities, highly configured systems are provided in the laboratories in the campus.

#### CCTV surveillance

The SSREC campus has a complete CCTV camera system. It helps in monitoring the activities of the students especially during the exam time and also for better Security Performance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">Nil</a>

#### 4.3.2 - Number of Computers

421

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

237.44

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The Institute has well-established policies and processes in place to guarantee correct upkeep and maximum use of its academic and support resources.

1. **Laboratory Facilities:** Periodic maintenance is done on a daily basis. A concerned lab in charge raises the request for yearly maintenance or repair through HODs based on needs, and the maintenance in-charge handles it either internally or outside. In order to prevent disruptions to classrooms, preventive maintenance work are completed during semester breaks.

2. **Library Resources:** Central Library: AutoLib software is used to handle book issuance, renewal, stock, and receipt. A librarian keeps an eye on and maintains the digital library. Department Library: Faculty overseeing the department library's resources and the Head of Department keep an eye on how it is used.

**3. Sports Facilities:** The physical director is in charge of purchasing, maintaining, and repairing sporting goods.

**4. Computers and related Infrastructure:** The system administrator routinely verifies internet connectivity. System administrators do minor fixes or updates, and when work is outsourced, they first get quotes and permission before hiring a third party to complete the work.

**5. Class Rooms:** Housekeeping personnel thoroughly cleans classrooms every day, under the supervision of in-charges.

**6. Seminar Halls:** The HR Department oversees and a team of concerned individuals does the necessary housekeeping and maintenance.

**Other amenities:** Our institution has a dedicated technical team to run and maintain its facilities, which include a reverse osmosis (RO), lift, stores, ATMs, water tanks, generators and UPS, yoga, transportation for the gym, canteen, Hostel, Safety Equipment

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="#">Nil</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

559

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 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

152

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

**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**

**A. All of the above**

File Description	Documents
Link to institutional website	<a href="http://reccbe.ac.in">reccbe.ac.in</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

588

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

588

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**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**

56

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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.**

28

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

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 )

At SSREC, the commitment to creating a student-centered organization is at the heart of our mission. We prioritize the interest's, holistic development of our students by providing robust platforms for them to express their opinions and take on representative roles within various committees

#### Student Council:

The Student Council serves as a vital platform for student engagement and representation within the college community.

#### Discipline and Welfare Committee:

DWC Focusing on both discipline and student welfare, this committee ensures that the institution fosters a safe learning and personal growth.

#### Grievance And Redressal Committee:

The institutional framework is designed to address and resolve student grievances effectively and impartially.

#### Anti-Ragging Committee:

To Implement anti-ragging policies by institutional guidelines and legal requirements.

#### Internal Complaints Committee:

The ICC is also responsible for promoting awareness about issues related to harassment and discrimination.

#### Alumni Association:

The association provides a platform for alumni to connect with current students.

#### SC/ST Welfare Committee:

The committee provides a platform for SC/ST students by addressing issues related to discrimination, harassment, or any form of inequality, the committee fosters a safe environment to students.

#### Training and Placement Cell:

By providing comprehensive support in career counseling, skill development, industry engagement, and placement opportunities.

File Description	Documents
Paste link for additional information	<a href="https://recbbe.ac.in/assets/C5/5.3.2/5.3.2_FIRST_PAGE.pdf">https://recbbe.ac.in/assets/C5/5.3.2/5.3.2_FIRST_PAGE.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

39

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

#### 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

The SSREC Alumni Association, registered under the Tamil Nadu Societies Registration Act, 1975, plays a crucial role in strengthening the connection between the institution and its graduates. Its primary objective is to support the institution's vision and contribute to the development of students, faculty, and staff through seminars, workshops, and academic activities. The association organizes annual alumni meets, where alumni from different branches share their experiences and provide feedback on higher education, career opportunities, and job placements. SSRECAA also aims to support students through scholarships, awards, and mentorship programs. These initiatives encourage academic excellence and personal growth, promoting moral values, leadership qualities, and discipline. The association is committed to providing a platform for professional networking, career development, and knowledge exchange among alumni. It encourages alumni to contribute to the institution's growth through financial donations, academic involvement, and resource mobilization. Additionally, SSRECAA helps with placements, facilitates feedback for institutional improvements, and maintains an updated alumni database for effective communication. The association celebrates alumni achievements and strives to expand its reach globally, ensuring long-term sustainability through alumni participation in its governance and activities. It remains non-political and non-profit.

File Description	Documents
Paste link for additional information	<a href="https://reccbe.ac.in/alumni.php">https://reccbe.ac.in/alumni.php</a>
Upload any additional information	<a href="#">View File</a>

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

**E. <1Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

**Vision:** Our institution aims to establish a center of learning for imparting quality education with cutting edge technology through sustained improvement to achieve excellence in the field of engineering and technology with emphasis on knowledge to develop problem solving capabilities and preparing the graduates to meet global requirements with ethical standards. **Mission:** Our mission is to implement outcome based teaching learning process to equip graduates with sound technical knowledge and skills by offering need based courses. Providing knowledge based technological input to satisfy the needs of society and industry thereby to impart total quality education to develop innovative, pioneering and future professionals for a globally competitive environment. Being a center of excellence in education with emerging technologies in tandem with industrial trends.

File Description	Documents
Paste link for additional information	<a href="https://reccbe.ac.in/assets/pdf/6.1.1.pdf">https://reccbe.ac.in/assets/pdf/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**The SSREC adopts a decentralized governance model to effectively**

oversee and manage both academic and administrative activities within the institution. This approach ensures that the responsibility for monitoring and executing various plans is distributed across multiple levels of the organization, promoting greater accountability and responsiveness. To facilitate this decentralized structure, senior faculty members, Heads of Departments, and faculty from various academic departments are selected as members of the governing council and the Internal Quality Assurance Cell. Their role in these bodies allows them to play an integral part in shaping and guiding the overall academic direction and institutional quality initiatives. The governance framework extends beyond the senior faculty and HoDs, reaching down to faculty members, student representatives, and class representatives. This inclusion ensures that the decision-making process is not confined to a few individuals at the top but involves a broader group of stakeholders who have a direct impact on the daily functioning of the institution. HoDs and faculty members are instrumental in overseeing academic operations, ensuring that curriculum delivery, teaching standards, and departmental activities are aligned with the institution's long-term strategic goals.

File Description	Documents
Paste link for additional information	<a href="https://reccebe.ac.in/assets/pdf/6.1.2.pdf">https://reccebe.ac.in/assets/pdf/6.1.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

SSREC is responsible for crafting both long-term and short-term strategies to help the institution adapt to evolving challenges and capitalize on opportunities. The strategic initiatives focus on advancing the institution's position over a period of more than two years. They take into account broader trends, such as emerging industry demands, regulatory changes, and long-term technological advancements. These plans are designed to steer the institution towards sustained growth and success in the future. The short-term plans are operational strategies, typically lasting no more than one year, are more focused on addressing immediate challenges. They are agile and responsive to current shifts in employability standards, technological developments, and regulatory requirements, ensuring that the institution can quickly adjust to any pressing issues.

Strategic plans: The strategic plan of the institution was developed in the year 2020 for five years is defined by the governing council

by analyzing the previous challenges and successes for attaining the goal of the institute. The management encourages faculty members to participate in various faculty development programs, seminars, conferences and workshops for self-upgradation and to be updated in their field.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://recbbe.ac.in/assets/pdf/6.2.1.pdf">https://recbbe.ac.in/assets/pdf/6.2.1.pdf</a>
Upload any additional information	No File Uploaded

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.

**Administrative setup:** Sri Sai Ranganathan Engineering College is a co-educational, self-financing Engineering College established in the year 2007 by Ranganathan Rajeswari Charitable Trust and offers 8 UG courses. The formulation of E-Governance in the institution is to make the work easier and faster in a better way in all process. This policy is mainly framed to have clear accountability in functioning of the Institution in much transparent way. **Quality policy:** SSREC ensures quality in teaching-learning process by encouraging faculties and students to participate in various academic and non-academic programs to nurture academic excellence and societal values. **Recruitment Policy:** All appointments of employees of SSREC are made by the Board of Ranganathan Rajeswari Charitable Trust or by the Trust Office bearers on delegation. Academic excellence is ensured through the curriculum that integrates industry requirements and expectations.

**Promotion policy:**

The self-appraisal form is filled in by all faculties and is assessed by the heads of the department, IQAC coordinators and Principal through various aspects like academic results, journal and book publications, attending conferences, seminars, FDPs etc.

File Description	Documents
Paste link for additional information	<a href="https://recbbe.ac.in/assets/pdf/6.2.2.pdf">https://recbbe.ac.in/assets/pdf/6.2.2.pdf</a>
Link to Organogram of the Institution webpage	<a href="https://recbbe.ac.in/assets/pdf/6.2.2.pdf">https://recbbe.ac.in/assets/pdf/6.2.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

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

## 6.3 - Faculty Empowerment Strategies

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

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

Welfare measures for teaching and non- teaching members are not only for the development of Faculty and Staff but also for the organizational development. SRI SAI RANGANATHAN ENGINEERING College offers various schemes such as Leave on Duty, Maternity Leave, Gratuity, and Support to staff for higher education/research and for attending workshops/conferences, Incentive Policy for Research & Publications. The welfare measures are offered by the institute to all the employees with the motive to promote the efficacy.

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

**Faculty (Teaching Staff)**

Leave Non-Teaching • Casual Leave (CL) 12 Days • Special Casual Leave (SCL) N/A • Medical Leave (ML) 15 Days / year for hospitalization • (Above 3 years' service) • Maternity Leave (MAL) 3 Months with half pay (3 to 5 Years' service) • 3 Months with Full pay (Above 5 Years' service) • Vacation (V) Winter - 1 Week • Summer - 1 Week • On Duty (OD) No Limit / Applicable

File Description	Documents
Paste link for additional information	<a href="https://reccebe.ac.in/assets/pdf/6.3.1.pdf">https://reccebe.ac.in/assets/pdf/6.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

10

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 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

12

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

### **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**

**41**

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

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

The SSREC has implemented a well-defined performance evaluation system, conducted annually, to assess the performance of both teaching and non-teaching faculty. For teaching faculty, the evaluation process considers various factors such as academic results, journal publications, event organization, and overall contributions to academic activities. These criteria ensure a

thorough assessment of their impact on teaching, research, and extracurricular involvement, reflecting their role in advancing the institution's academic goals.

For non-teaching faculty, the performance appraisal focuses on different aspects of their work, including the effective management of files and records, their ability to learn and adapt to new responsibilities, punctuality, and discipline. These factors are carefully considered to evaluate their efficiency and professionalism in supporting the institution's operations. The performance evaluation system is designed to be comprehensive and fair, accounting for the distinct roles and responsibilities of both teaching and non-teaching staff. By incorporating a variety of performance indicators, the SSREC ensures that all faculty members are evaluated holistically and are held accountable for their contributions to the institution's overall success. This system fosters continuous improvement and encourages faculty members to meet the institution's standards and objectives.

File Description	Documents
Paste link for additional information	<a href="https://recbbe.ac.in/assets/pdf/6.3.5.pdf">https://recbbe.ac.in/assets/pdf/6.3.5.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

**Auditing:** Each quarter, the accounts and financial records are thoroughly reviewed by a qualified chartered accountant. This review helps identify any areas for improvement or adjustments, with recommendations based on certified accounting standards. Along with these recommendations, management assessments are provided to guide the necessary actions for financial optimization. Annually, the institution's financial statements are audited and examined by external auditors to ensure accuracy and compliance with accounting standards. Once audited, the financial statements are updated, and the external auditors certify the balance sheet before it is submitted to the management. This ensures transparency and accountability in financial reporting. Furthermore, an in-depth review of the budget report is conducted for the upcoming academic year. This review enables the management to plan and allocate resources effectively. The insights gained from the external audits

are crucial for the management to understand the institution's financial position, including its strengths and areas for improvement. Based on these evaluations, the management is better equipped to make informed decisions and take necessary actions to secure funds from various sources to support the institution's financial needs. This process ensures financial stability and the effective mobilization of resources for the institution's continued growth and development.

File Description	Documents
Paste link for additional information	<a href="https://reccebe.ac.in/assets/pdf/6.4.1.pdf">https://reccebe.ac.in/assets/pdf/6.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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)

nil

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

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

SSREC established under Smt. Ranganathan Rajeswari charitable Trust and the Mobilization of Funds for various resources. Funds are mobilized from the following resources 1. Smt. Ranganathan Rajeswari charitable Trust. 2. Additional Funds from the Student tuition fees, Anna University, Government and non government organisations.

##### Budget Preparation:

Making the greatest use of financial resources requires systematic budget preparation, accounting, systematic procurement and bill settlement processes, as well as regular periodic audits. Our

institution has a good system for using the available financial resources effectively and efficiently. When creating the budget, money is allotted for each department. The following upgrade budget requirements call for this budget.

File Description	Documents
Paste link for additional information	<a href="https://recce.ac.in/assets/pdf/6.4.3.pdf">https://recce.ac.in/assets/pdf/6.4.3.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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 IQAC Cell actively promotes faculty involvement in student development projects that emphasize leadership, organization, innovation, research, and entrepreneurship. This engagement not only enhances faculty knowledge but also supports the effective dissemination of information. The cell, which includes a blend of academic and industry experts, remains responsive to evolving market trends.

Remedial coaching classes SSREC offers remedial coaching to students based on the assessment of their internal marks. This initiative is aimed at providing additional support to students who may be struggling in specific subjects, as identified through their internal evaluations. By closely analyzing their performance, the institution tailors remedial coaching sessions to address individual learning gaps and help students strengthen their understanding of key concepts. These sessions focus on areas where students have scored lower marks, offering targeted guidance and personalized attention to improve their academic performance. The remedial coaching not only helps students improve their knowledge but also boosts their confidence, ensuring they are better prepared for upcoming assessments. This approach is designed to reduce learning disparities, allowing students to catch up with their peers and meet the required academic standards.

File Description	Documents
Paste link for additional information	<a href="https://recbbe.ac.in/assets/pdf/6.5.1.pdf">https://recbbe.ac.in/assets/pdf/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

SSREC implements student mini projects and research publications as part of its IQAC (Internal Quality Assurance Cell) initiatives, aimed at enhancing academic excellence and fostering research-oriented learning. The mini projects provide students with the opportunity to apply theoretical knowledge to practical challenges, encouraging creativity, critical thinking, and problem-solving skills. These projects are designed to enhance students' hands-on experience and teamwork abilities, preparing them for real-world scenarios.

As part of its focus on research, SSREC also encourages students to engage in research publications. This initiative enables students to explore academic and industry-related topics in-depth, honing their research skills and contributing to the academic community. By publishing their work, students gain recognition, improve their academic credentials, and further their understanding of their fields. Through these initiatives, the IQAC ensures that students are actively involved in academic and research activities, equipping them with essential skills for their future careers and contributing to the institution's overall academic development.

File Description	Documents
Paste link for additional information	<a href="https://recbbe.ac.in/assets/pdf/6.5.2.pdf">https://recbbe.ac.in/assets/pdf/6.5.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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,**

**A. All of the above**

**national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://reccbe.ac.in/assets/pdf/6.5.3.pdf">https://reccbe.ac.in/assets/pdf/6.5.3.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

**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**

Gender equality is the principle that all people, regardless of gender, should have equal rights, responsibilities and opportunities. Gender equality not only benefits women and girls but also promotes fairness and prosperity for societies as a whole, creating a world where everyone has the freedom to pursue their potential, irrespective of gender.

**Safety and Security**

1. 40 surveillance cameras strategically placed to cover the exteriors and interiors (College and hostel) of the campus.
2. Self-defense training programmes and premarital guidance are given to our students.
3. Usage of Kavalan - SOS mobile app during an emergency guidance were given to our students.
4. Suggestion box are available.

**Counselling**

In order to help the students in academics as well as in non academic issues we created mentor- mentee relationships with different faculties of various departments by maintaining the ratio of 1:20. Mentor provides the appropriate solutions for the various issues like psychosocial problems, health problems, mental problems and family problems of the students.

**Common Room**

1. College has separate common room which is exclusively available for female students and faculty members.
2. In case of any medical emergency we are providing the transport facilities, so as to reach the Narasipuram Government Hospital on time.

File Description	Documents
Annual gender sensitization action plan	<a href="https://recbbe.ac.in/assets/7.1.1/Action_Plan_WEC.pdf">https://recbbe.ac.in/assets/7.1.1/Action_Plan_WEC.pdf</a>
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	<a href="https://recbbe.ac.in/assets/7.1.1/Specificfacilities.pdf">https://recbbe.ac.in/assets/7.1.1/Specificfacilities.pdf</a>

**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**

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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:** It can be categorized into three types namely Biodegradable, Non-Biodegradable and Hazardous Waste. Biodegradable includes food waste, canteen waste and waste from toilets etc. It includes plastic, tin, glass, bottle etc. Hazard waste that is likely to be a threat to the health like, cleaning chemical and different laboratory related Chemical Products.

The following procedure has been compiled and followed as a standard practice to monitor and control the Wastes that is generated within the premises.

- Identification of areas for collection and storage of food wastes, paper wastes, plastic and E-waste.
- Collection of food and vegetable waste to generate bio gas.
- Classification of Exam Paper, cover, bundle tapes and record notes to be disposed to approve agencies.
- Gathering of E-waste, storing in a separate location, and disposing off on a regular basis.
- Composition of a committee comprising the senior colleges to observe the disposal of various wastages arise inside the campus etc.,

#### LIQUID WASTE MANAGEMENT

The reusable waste water is treated in the RO system to purify and is used for garden purpose. Water discharge from Air conditioners is collected and used to water the plants in the garden.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://reccebe.ac.in/assets/7.1.3/Geo_tagged_photo_degrade.pdf">https://reccebe.ac.in/assets/7.1.3/Geo_tagged_photo_degrade.pdf</a>
Any other relevant information	<a href="#">View File</a>

**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**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 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**

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 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**

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment**

**A. Any 4 or all of the above**

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

Cultural activities are an essential part of fostering inclusivity, tolerance, and harmony within institutions. These activities celebrate diversity and promote mutual understanding among individuals from various backgrounds. Institutions often organize festivals that celebrate different cultural traditions such as Diwali, Eid, Christmas and New Year. These events allow students and staff to share their cultural practices, food, music and dance, fostering appreciation for various cultural expressions.

Regional celebrations play a vital role in promoting cultural understanding and fostering a sense of unity within diverse communities. These celebrations often reflect the unique traditions, customs, and histories of particular regions, helping individuals appreciate and connect with local and regional identities.

Linguistic activities are those that foster language proficiency, enhance communication skills, and promote an understanding of diverse cultures and global perspectives. Given the increasing emphasis on collaboration, teamwork, and cross-cultural

communication in the engineering profession, integrating linguistic activities into the college experience is essential.

The SSREC-NSS Unit provides outstanding services to the community and neighbourhood. During the weekends and after classes, students actively participate in a variety of programmes in the communities on school campuses, etc.,

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Active participation in the democratic process is a fundamental responsibility of every citizen. As students and employees of Sri Sai Ranganathan Engineering College passionate about social activities.

- **Voting:** The right to vote is a powerful tool for citizens to influence the governance of the country. It is essential to educate students and employees about the importance of exercising this right during elections.
- **Social Awareness and Advocacy:** Citizens have the responsibility to stay informed about social issues and advocate for justice, equality, and the welfare of all. By engaging in social and community service, students and staff can contribute to the betterment of society.
- **Respecting Laws:** Adherence to the laws of the country is an important responsibility. Students and employees should be encouraged to follow both the legal and moral guidelines that promote fairness and justice.
- **Contributing to Public Welfare:** Encouraging involvement in community service, volunteering, and awareness campaigns allows students and employees to fulfill their social responsibility and contribute to the welfare of society.
- **Workshops and Seminars:** Regular workshops and seminars conducted

by legal experts, educators, or activists can shed light on the rights, duties, and responsibilities of citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Every year, SSREC celebrates Independence Day and Republic Day in grand manner. It is a momentous occasion that brings together students, faculty and staff to celebrate the freedom and sovereignty of our nation.

Teachers' Day is a heartfelt celebration of the dedication, wisdom and tireless efforts of our educators. Celebrated on September 5th, in honour of Dr. Sarvepalli Radhakrishnan, a philosopher, educator and India's second President, Teachers' Day recognizes the

profound impact that teachers have on shaping minds, building character, and inspiring the next generation.

At SSREC, International Women's Day is celebrated with great enthusiasm and respect, recognizing the achievements, contributions, and empowerment of women globally.

International Yoga Day is celebrated with great enthusiasm to promote physical health, mental well-being and mindfulness through the practice of yoga.

At SSREC, World Environment Day is celebrated with great enthusiasm and commitment to raising awareness about environmental protection and sustainability.

The Annual Day and Sports Day at Sri Sai Ranganathan Engineering College is a momentous occasion that brings together students, faculty, alumni and guests to celebrate a year of academic achievements, personal growth and collective excellence.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

**I. Title of the practice: Industrial Collaboration for Student Career Development**

**Evidence of Success:**

1. A total number of 11 MOU was signed between our institution and various industries for the Academic year 2023-2024.
2. Total number of students are placed more than 75 percentages.
3. Value Added Course (VAC) were conducted in our institution for students of various levels. A total number 555 students were completed their course during the year 2023-24.
4. Soft skill programs were conducted in our institution for

students of various levels. A total number 588 students were facilitated with soft skill training during the year 2023-24.

5. Around 255 students carried out internship programs in various companies during the year 2023-24.

## II. Title of the practice: SSREC Community Engaged Education

### Evidence of Success:

Our Institution is been offered with recognition certificates and awards for the renowned services they offer to the society. This makes us to get motivated to enhance our performance and service to the public. We are offered with the appreciation from both government and government recognized bodies.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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

### RRCT SCHOLARSHIP

Sri Sai Ranganathan Engineering College is promoted and nourished by Ranganathan Rajeswari Charitable Trust (RRCT), Coimbatore. The trust is the brain child of Dr. R. Murugesan and Dr. P. Tamilarasi Murugesan. Dr. R Murugesan, former President, Indian society for Technical Education (ISTE), New Delhi is a multi-faceted personality committed to serve the needy people with a philanthropic attitude. He had completed his doctorate in Civil Engineering from University of Madras and has nearly 40 years of experience in academia and industry.

Most of the people residing in and around rural area of Tamil Nadu are from the lower middle class or the working class. In light of the above, RRCT was founded in the year 2006 for the benefit and the uplift of students in this region. Around 152 students have been directly benefitted out of support extended by RRCT for the academic year 2023-2024. Being aware of this, our college has been providing reachable and affordable scholarship from Ranganathan Rajeshwari

Charitable Trust to all sections of society since its inception. Therefore, it has adopted some mechanisms to address this issue.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

- Faculty development Program
- Adoption of villages through NSS
- Awareness Program through NSS
- Green, Energy and Environment Audit
- Enhance the MOUs through seminar, value added course and Placement ,etc
- Extend solar plant upto 100 KW
- Establishing an energy-efficient campus
- Sewage Treatment Plant
- Organize more awareness program for female students through Women Empowerment Cell