



## **YEARLY STATUS REPORT - 2023-2024**

### **Part A**

#### **Data of the Institution**

<b>1.Name of the Institution</b>		<b>Sri Sai Ram Engineering College</b>
• Name of the Head of the institution		<b>Dr. K.Porkumaran</b>
• Designation		<b>Principal</b>
• Does the institution function from its own campus?		<b>Yes</b>
• Phone No. of the Principal		<b>04422512222</b>
• Alternate phone No.		<b>04422512223</b>
• Mobile No. (Principal)		<b>9677065557</b>
• Registered e-mail ID (Principal)		<b>principal@sairam.edu.in</b>
• Address		<b>Sai Leo Nagar , Poonthandalam Village, West Tambaram, .</b>
• City/Town		<b>Kanchipuram</b>
• State/UT		<b>TamilNadu</b>
• Pin Code		<b>600044</b>
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)		<b>26/09/2019</b>
• Type of Institution		<b>Co-education</b>
• Location		<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Dr. K. Parvatham</b>				
• Phone No.	<b>04422512222</b>				
• Mobile No:	<b>7845127999</b>				
• IQAC e-mail ID	<b>iqacsec@sairam.edu.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://sairam.edu.in/wp-content/uploads/2018/08/AQAR-2022-23-1.pdf">https://sairam.edu.in/wp-content/uploads/2018/08/AQAR-2022-23-1.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://sairam.edu.in/academic-calendar/">https://sairam.edu.in/academic-calendar/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A+</b>	<b>3.37</b>	<b>2018</b>	<b>02/11/2018</b>	<b>31/12/2025</b>
<b>6.Date of Establishment of IQAC</b>			<b>12/04/2012</b>		
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. C. KOMATHI, Dr. N. Sivakumar, Dr.J. THAMIL SELVI,Dr.T.P .RANI, Dr.SANJEEV GANDHI & RENGANATHAN, N.SIVAKUMAR, Dr.S. BRINDHA, T.SHEELA, Dr.S.SUMATHI	SERB, Seminar, MSME, ATAL FDP, TARE, ATAL FDP, SPICES, BRNS	DST,CSIR, MSME,AICTE, DST, AICTE, AICTE,DAE	30/06/2023	1) 376166, 2) 25000, 3) 210000, 4) 250000, 5) 275000, 6) 250000, 7) 100000, 8) 345594

#### 8.Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>	
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#### 9.No. of IQAC meetings held during the year

3

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
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#### 10.Did IQAC receive funding from any funding agency to support its activities during the year?

No

<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
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#### 11.Significant contributions made by IQAC during the current year (maximum five bullets)

MoUs with industries for introducing industry oriented elective

courses

Increase the number and quality of teams for Smart India Hackathon by conducting the internal Hackathon

Establish research labs through the established Centre of Excellence

Strategies to improve in NIRF ranking

Initiation of Bureau of Indian Standards( BIS) Standards Club and obtained funding for the activities conducted and submission of research proposals

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
(1) Applied for Research Institute recognition (2) Applied for QS I GAUGE rating (3) Applied for ISO 21001: 2018 (EOMS) certification (4) To improve the quality number of NPTEL certifications by students and faculty (5) Improve the NIRF ranking	1. Approved as Institute level research Centre by Anna University upto June 2027 (2) Rated under Diamond Category (3) Educational Organisation Management System Certified by Bureau of Indian Standards(4) Local chapter of Sri Sai Ram Engineering College rated as AAA by Swayam NPTEL. (5) Ranked in 100-150 band by NIRF.

**13. Was the AQAR placed before the statutory body?**

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC meeting	16/11/2024

**14. Was the institutional data submitted to AISHE ?**

Yes

- Year

Year	Date of Submission
2024	05/04/2024

### 15. Multidisciplinary / interdisciplinary

The curriculum fosters an Innovation Ecosystem, encouraging students to undertake multidisciplinary and interdisciplinary projects. This approach enables learners to integrate knowledge and skills from various domains, promoting creativity and problem-solving abilities. Streamlined grouping of professional electives further supports a structured yet flexible academic path, allowing students to specialize while exploring intersections with other fields. These initiatives align with the vision of developing holistic and adaptable professionals, equipped to address complex, real-world challenges. By emphasizing cross-disciplinary learning and collaboration, the program ensures that students are well-prepared to thrive in dynamic and evolving industries. The curriculum not only provides academic flexibility but also fosters innovation, critical thinking, and sustainability, laying a strong foundation for future success.

### 16. Academic bank of credits (ABC):

ABC enables students to accumulate, transfer, and redeem credits over time, facilitating lifelong learning and multi-disciplinary education. It empowers students to design their educational pathways, transfer credits seamlessly between institutions, and even pause and resume studies as per their needs. Our institution has successfully registered with the National Academic Depository (NAD) at [www.abc.gov.in](http://www.abc.gov.in). All students have been assigned unique ABC IDs generated through Digilocker. Starting from the academic year 2022-23, the Office of the Controller of Examinations has initiated the process of uploading marksheet records for each student, mapped to their respective ABC IDs. This ensures seamless integration with the ABC system, allowing students to access their grade sheets directly via Digilocker. This streamlined digital process enhances transparency, efficiency, and ease of access to academic records, aligning with the institution's commitment to adopting advanced academic frameworks. This serves as a digital repository where students can securely store and manage academic credits earned across various recognized institutions. The NAD ID of our institution is NAD005079. A total of 25926 marksheets are uploaded in digilocker.

### 17. Skill development:

To equip students with industry-relevant skills, our institution has introduced elective courses in collaboration with leading industries through strategic MoUs. These partnerships enable the integration of practical knowledge into the curriculum, bridging the gap between academics and real-world applications. Additionally, industry-powered laboratories provide hands-on training, allowing students to gain expertise in advanced tools and technologies. To foster innovation and problem-solving abilities, students are encouraged to undertake projects at the Sairam Techno Incubation Centre, which serves as a hub for creative and entrepreneurial endeavors. Internal hackathons are also regularly organized to inspire students to tackle real-world challenges, refine their technical skills, and collaborate effectively. These initiatives collectively prepare students to excel in competitive professional environments while nurturing their innovative potential. To enhance student skills, Theory with Lab courses have been introduced into the curriculum for all programs. These courses follow a "learn and practice by doing" approach, combining theoretical knowledge with hands-on application. Skill Enhancement Courses were incorporated into the 2020 curriculum, offering a total of seven credits distributed across all semesters. These courses include modules on aptitude and domain-specific skills, ensuring comprehensive skill development. An active Skill Development Club organizes various activities to improve students' technical and soft skills. Additionally, the Training and Placement Cell conducts specialized training programs to enhance students' technical competencies, preparing them for successful placements. To encourage holistic growth, students earn a Performance Grade Point Average (PGPA) by participating in extracurricular and co-curricular activities, further contributing to their overall development. These initiatives collectively aim to equip students with the skills and knowledge required for academic and professional success.

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

The Fine Arts Association of our institution actively promotes student participation in traditional dance and music competitions. Intra-departmental contests are held as part of the Cultural Day celebrations, encouraging healthy competition and showcasing diverse talents. To enrich cultural understanding, two Tamil courses have been introduced for first-year students: Heritage of Tamils (course code: 20HSTA101) in the first semester and Tamils & Technology (course code: 20HSTA201) in the second semester. These courses are mandatory for all students, including those admitted through lateral entry in their second year, who must complete them during their

study period. The institution also emphasizes value-based education. Universal Human Values I, a non-credit course, is conducted as part of the Student Induction Program (SIP), while Universal Human Values II is a credit-based course offered to all students, fostering ethical and empathetic thinking. To promote holistic well-being, the Health and Yoga Club organizes Yoga Day celebrations annually, instilling the importance of physical and mental fitness. Furthermore, the integration of the Indian Knowledge System is facilitated through various academic clubs and cells, enriching students' understanding of India's traditional wisdom. These initiatives reflect the institution's commitment to nurturing cultural awareness, moral values, and overall development among students.

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

Our institution rigorously implements Outcome-Based Education (OBE) to ensure quality education and skill development. All eligible departments are accredited by the National Board of Accreditation (NBA), highlighting our commitment to academic excellence. In OBE, Course Outcomes (COs) are meticulously defined for every course, while Program Specific Outcomes (PSOs) are established for each program. These COs are systematically mapped to the Program Outcomes (POs) specified by the NBA, ensuring a structured alignment of learning objectives with expected competencies. The OBE framework is integrated into our assessment and evaluation processes. Every question in Continuous Assessment Tests (CATs), End-Semester Examinations (ESEs), Lab Exams, Assignments, and Projects is mapped to Bloom's Taxonomy Knowledge Levels, promoting a higher order of cognitive learning. To measure the effectiveness of the OBE model, course attainment and program attainment are calculated after each cycle. Any gaps identified in achieving the desired outcomes are systematically addressed through continual improvement measures, ensuring that students achieve the defined competencies. This robust implementation of OBE fosters a learner-centric environment, equipping students with the knowledge, skills, and values necessary to excel in their chosen fields while meeting global education standards.

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

The implementation of distance and online education will commence upon receiving approval from the affiliating university.

**Extended Profile**

**1.Programme**

1.1	21
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1	6358
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2	1295
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3	12181
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	1147
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2	410
Number of full-time teachers during the year:	



File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:	410
<b>4.Institution</b>	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	828
4.2 Total number of Classrooms and Seminar halls	197
4.3 Total number of computers on campus for academic purposes	2134
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	7527.704

## **Part B**

### **CURRICULAR ASPECTS**

#### **1.1 - Curriculum Design and Development**

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution's curricula are strategically designed to respond to the dynamic needs of local, national, regional, and global requirements. The Program Outcomes (POs) articulate the goal of the respective program, ensuring significant contributions to societal advancement at multiple levels addressing skill development, Entrepreneurship and employability. Meanwhile, the Program Specific Outcomes (PSOs) outline the distinct competencies students gain, aligning their skills with the specific aims of their programs. This commitment is reflected in the alignment of POs, PSOs, and Course Outcomes (COs) across all programs, offering a mix of Core and Elective courses for a comprehensive educational experience. The

curriculum also incorporates an industry-based approach to meet global expectations. Sustainable Development Goals (SDGs) are integrated throughout the curriculum, emphasizing personal, interpersonal, and universal values, stress management, and professional ethics, fostering holistic development. Live-in-Labs and project work stimulate the students' design thinking, creativity and problem-solving skills to facilitate their start-up. The curriculum integrates online courses through various MOOC platforms to support a lifelong learning culture. Regular monitoring, reviews, and stakeholder feedback ensure that our programs meet evolving demands. The ultimate aim of the program is to shape and sharpen the student's mind to become a responsible leader for society.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/1.1.1-Additional-Information.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/1.1.1-Additional-Information.pdf</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

102

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

99

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

21

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution's policy effectively integrates key issues related to Professional Ethics, Environment and Sustainability, and Human

Values into its framework. These principles are embedded throughout the curriculum and are further supported by dedicated cells and clubs, with active participation from both students and faculty. In alignment with global objectives, the Sustainable Development Goals (SDGs) are a core element of the academic program, encouraging students to engage in activities that promote these goals through platforms such as NSS, NCC, YRC, and UBA. The institution's commitment to holistic development is also reflected in the recognition of achievements through the Internal Compliance Committee and the WoWWW (Women of Worth, Wonder, Wise) club, which honors exceptional female students excelling in academics, extracurriculars, and cocurricular activities. The curriculum is designed to cover a wide array of courses focused on Professional Ethics, the Constitution of India, Gender, and Human Values. It also addresses contemporary challenges through courses like Stress Management, Environmental Sciences and Engineering, Public Health and Sanitation Engineering, Sustainable Urban Infrastructure Development, Air Pollution and Control Engineering, and Water and Wastewater Treatment. This comprehensive approach equips students with a well-rounded understanding of ethical, environmental, and societal issues, fostering responsible and socially-conscious citizens.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

15

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

6037

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2344

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**      **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/Teachers-feedback.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/Teachers-feedback.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**      **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/1.4.1-Additional-Information-students-feedback-analysis.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/1.4.1-Additional-Information-students-feedback-analysis.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

1853

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 reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1965

File Description	Documents
Any additional information	No File Uploaded
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 students' learning levels and organises special programmes for both slow and advanced learners.

The institution evaluates students' learning levels and arranges tailored programs for both slow learners and advanced learners. The institution identifies both slow and advanced learners by evaluating students' performance through Continuous Assessment Tests, laboratory experiments, End Semester Examinations, effective classroom participations and by mentoring system. Students classified as slow learners or those struggling academically due to low self-motivation. They are motivated through counseling and coaching

classes. To further assist them, problem-solving sessions, tutorials, and motivational lectures are also organized. Advanced learners, on the other hand, are encouraged to undertake industrial internships with stipend in reputed corporates and research institutions across the globe. They are encouraged to participate in conferences, seminars, workshops, hackathons, business plan competitions, and national or global award-winning contests. Students are also encouraged to be a part of Sri Sairam Techno Incubator Foundation. They learn about initiating start up ventures and other entrepreneurial activities. They are given opportunities to enroll in and excel in multiple MOOC courses in SWAYAM NPTEL, IIT Bombay Spoken Tutorials, L&T edutech courses, IIT GUVI certification courses, GATE Coaching classes, ICT academy Learnathon Courses, and . They are also encouraged to be a part of organising committee to organise technical events under IEEE professional societies and clubs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.2.1-PROGRAMS-FOR-SLOW-AND-ADVANCED-LEARNERS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.2.1-PROGRAMS-FOR-SLOW-AND-ADVANCED-LEARNERS.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	6358	410

File Description	Documents
Upload 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:

**Experiential learning involves hands-on activities, allowing students to gain real-world experience through projects, internships, or simulations and gain experience knowledge through events. Participative learning encourages collaboration, where students engage in class room interaction and group discussions,**

collaborative projects and peer learning to build knowledge collectively. Student -centric learning is nurtured by providing an ICT enabled campus and IP enabled library facility which provides a platform for students to develop their contemporary skills. Faculty members employ teaching pedagogical methods like Lecture with demonstration in laboratories, models/charts animation, Industrial visit, Simulation based training, video demonstration ,case discussion ,industry expert interactions ,Collaborative learning such as Live in Labs. The Institution provides an active platform for students to develop their contemporary skills. The departments organize and conduct innovative programsto nurture their problem-solving skills such as hackathon and endorse participative learning like SDG immersion programs. The institute organizes Seminars, panel discussions ,Conferences, Tech Talks,hands on training,student symposium ,research and innovation events annually in which the individuals seek to uncover new ideas and share the latest research in their local areas that spark conversations in their communities. Students showcase their knowledge by taking part in quiz programs conducted online and offline through SAIL Application.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.3.1-STUDENT-CENTRIC-METHODS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.3.1-STUDENT-CENTRIC-METHODS.pdf</a>

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The Institution is a wi-fi enabled campus that provides an e-learning atmosphere to the faculty and students. Lectures with PPT and technical videos are played through Smart Classrooms. Assignments are given to the students and evaluated through a dedicated ICT tool SAIL App and also through Google forms. In addition, NPTEL, IIT-B Spoken Tutorial,IIT-PALS, Vlabs, mentimeter, kahoot, webinars through Gmeet, Zoom networks and online resources are also used.E-books and e-journals under IEEEExplore digital library, science direct are shared with the students to enhance knowledge and skills in contemporary areas. The students are exposed to digitally equipped seminar rooms where guest lectures, expert talks and various competitions are regularly organized for students. Simulation based learning is achieved through MATLAB,TEXAS softwares, CDAC Wingz, KEIL Microvision, The Institution has established industry linked centers like Texas Instruments Innovation Lab ,Center for Robotics - eYantra. Academia like CISCO/



Oracle/ AWS/ Salesforce/ Microsoft Azure/Data analytics/Red Hat Linux/TCS Bot Lab/ to train the students to equip themselves with emerging technologies. Research centers like Clean Energy Research center/ Biofuel research center, Material Research Centre, Functional Materials Research Lab, Sairam incubation center, AICTE idea Lab,CDAC (IOT) lab were established.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sairam.edu.in/wp-content/uploads/2024/01/2.3.2-ICT-ENABLED-Digital-course-contents.pdf">https://sairam.edu.in/wp-content/uploads/2024/01/2.3.2-ICT-ENABLED-Digital-course-contents.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

402

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Before the commencement of classes, the institute academic calendar is devised collaboratively by the Principal, DEANS, HODs, IQAC members and senior professors. The institutional academic calendar contains plans for curricular and co-curricular activities that include schedule of assessment, laboratory practical, end semester examination, co-curricular activities, technical events, placement training, audit schedules and extracurricular activities. Schedules of class committee meetings, PAC,DAB,BoS, AC,GB,IQAC ,MRM ,Academic Audit and result review meetings are also listed . The detailed lesson plan/teaching methodology as suited to syllabus is prepared by each faculty before start of the semester based on the academic calendar. The laboratory schedule is prepared by the concerned faculty and batch-wise details are specified in laboratory schedule. Time Table of regular lectures for the semester is prepared as well and displayed on the notice board and website. Any minor changes in

academic calendar which may deem fit considering the unforeseen circumstance is done by the authorities of the institution. The department's advisory board and programme assessment committee ensures the smooth adherence of the academic calendar. Based on the institute academic calendar, all the departments prepare department planner. In case of any deviations in the planner, it will be communicated to Principal with appropriate remarks and justifications.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<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

410

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

159

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

4216

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

177

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The entry of marks, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results have been automated. At the beginning of the semester, every student shall enroll the courses in the online portal (Edumate). The students' performance is assessed through (i) Continuous Assessment Tests throughout the semester and (ii) End Semester Examination (ESE) at the end of the semester (including project work & viva voce Examinations) The faculty members handling the courses use the

online portal -edumate for mark entry. The progress report of all the students can be downloaded from the online portal. The Controller Office publishes the time table in the college website for all the UG & PG Programmes, obtains the relevant question papers (conforming to the prescribed model) for maintaining in digital repository, printing and distribution of the answer scripts for valuation by course teachers. IT integration extends to examination logistics, including digital hall tickets, attendance tracking, and communication with absentees' parents. The examinations are conducted, valued and the results are published in the edumate portal and certificates are uploaded in digilocker. The program quality is ensured by the Academic Audit conducted vigorously every year.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.5.3-IT-INTEGRATION-IN-EXAMINATIONS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.5.3-IT-INTEGRATION-IN-EXAMINATIONS.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The curriculum clearly outlines the Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). For each course in the curriculum, course outcomes are developed by subject domain experts. These outcomes, along with objectives and lesson plans, are shared with students and introduced in the first few sessions by the respective faculty members. Outcome-based education focuses on constructive alignment, ensuring that assessment is linked to Course Outcomes, so that both POs and PSOs align with assessment strategies and are supported by the teaching and learning methods detailed in the course plan. The primary goal of assessing programme outcomes is to demonstrate mastery of knowledge or skills in a summative way, reflecting the accumulation of essential learning throughout the programme. Course Outcomes (COs) assess students' knowledge and skills at the end of each course. Both Programme Outcomes (POs) and Course Outcomes are communicated to faculty and students after approval by the Department Advisory Board. These outcomes are also made available on the Institute's website to ensure easy access for all stakeholders. Additionally, POs and PSOs are displayed in classrooms, staffrooms,

and key areas on campus, such as the department office, library, and laboratories.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials, laboratory exercises, and live in lab projects/assignments. Three continuous assessments are conducted for all the courses. In addition, assignments and quizzes are also used for assessing the students' performance in each course. These performance values are processed based on the CO distribution table for the attainment. These attainment values are processed based on CO-PO mapping for PO and PSO attainments. The PAC and DAB will identify and fix the attainment levels for each course and programme. The attainment levels will vary for course to course and programme to programme. These values are evaluated batchwise and regulationwise. The curricular gaps are identified through PO attainment process. These curricular gaps are placed in PAC and DAB meetings for review and modifications. In cases of fulfilling the targets, the levels may be increased for higher value of attainments. Determining the gap in PO attainment and extra module to bridge the gap are the major tools in PO attainment. The process of attainment of COs, POs and PSOs starts from writing appropriate COs using Blooms Taxonomy for each course. Then, a correlation is established between COs and POs, PSOs on the scale of 0 to 3.

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

### 2.6.3 - Pass Percentage of students

### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1262

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.6.3.2-ANNUAL-REPORT.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.6.3.2-ANNUAL-REPORT.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://sairam.edu.in/wp-content/uploads/2018/08/SSS-2023-24.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Sri Sai Ram Engineering College creates a conducive environment for research to faculty and students by providing the necessary infrastructure and research facilities every year. The institute was recognised as an Institutional Level Research Center by Anna University. Research cluster has been established with subject expertise in order to exchange their views in all the contemporary domains. Funded and sponsored projects are submitted through the Dean (R&D) after careful review to various government and non government agencies. Seed Money is also provided to the faculty and students for their innovative projects. The Institute supports funding for patent filing. The students are sponsored to present and publish their research papers in International Conferences abroad. The faculty members are encouraged to publish papers in high-impact indexed journals. Also, faculty are motivated to do research work in collaboration with leading academic and research institutions in India and abroad and sabbatical leave is encouraged for faculty. Stipend for full time research scholar is enhanced to Rs 25,000 per

month.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/RESEARCH-POLICY.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/RESEARCH-POLICY.pdf</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

32.07306

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

6

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

156.0270376

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

16

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.serbonline.in/SERB/HomePage">https://www.serbonline.in/SERB/HomePage</a> , <a href="https://www.aicte-india.org/schemes/research-innovations-development-schemes">https://www.aicte-india.org/schemes/research-innovations-development-schemes</a> , <a href="https://msme.gov.in">https://msme.gov.in</a>
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

52

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

#### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year



File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://www.serbonline.in/SERB/HomePage">https://www.serbonline.in/SERB/HomePage</a> , <a href="https://www.aicte-india.org/schemes/research-innovations-development-schemes">https://www.aicte-india.org/schemes/research-innovations-development-schemes</a> <a href="https://msme.gov.in">https://msme.gov.in</a>
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution operates with the explicit goal of fostering the education and growth of exceptional, creative, and comprehensive engineers who will contribute new heights of interdisciplinary approach, design thinking, and innovation. The innovation ecosystem with required infrastructure, enables students and faculty to convert their innovative ideas into sustainable products through the following well defined phases namely, Sairam SDG Ideathon, Sairam SDG Solveathon, Sairam SDG Innovathon, Sairam SDG Inspireathon in this, one complete cycle was completed during this year. Sairam Institutions has designed and developed the above innovative competition based learning model.

Entrepreneurship Development Cell is functioning with a focus of promoting Entrepreneurship activities in the campus by conducting various awareness programs for the students by alumni entrepreneurs and other entrepreneurs. The IPR Cell hosts a number of workshops and seminars on copyright and patent draughting and filing. Established the Sairam Defence Startup Ecosystem and won two challenges DISC 7 and 10, declared by the Ministry of Defence, India. Sairam Techno Incubation Foundation which is inside the college with a dedicated work space of 20,000 sq ft that takes care of the promotion of technology incubation/ technology transfer by involving students in various product development activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://projects.sairamtap.edu.in/news">https://projects.sairamtap.edu.in/news</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

77

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software** **A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

43

File Description	Documents
URL to the research page on HEI website	<a href="https://sairam.edu.in/recognized-supervisor-list/">https://sairam.edu.in/recognized-supervisor-list/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

67

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

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

87

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://onlinelibrary.wiley.com/doi/book/10.1002/9781394216796">https://onlinelibrary.wiley.com/doi/book/10.1002/9781394216796</a> <a href="https://link.springer.com/chapter/10.1007/978-981-99-1624-5_18">https://link.springer.com/chapter/10.1007/978-981-99-1624-5_18</a> <a href="https://www.taylorfrancis.com">https://www.taylorfrancis.com</a> <a href="https://ieeexplore.ieee.org/">https://ieeexplore.ieee.org/</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

1729

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

17

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.09379

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

9.365

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

With the goal of raising awareness within its student body about the importance of serving their local community, the college hosts a variety of outreach events. The National Service Scheme (NSS), National Cadet Corps (NCC), Unnat Bharat Abhiyan (UBA) and Bharat Scouts and Guides (BSG) are all avenues through which our college students are engaging in community service in villages adopted by our college.

A residential special camp was organized by NSS in our adopted villages. During the camp students conducted a survey, a medical camp was organized, and participated in anti-plastic, drug-awareness, and AIDS-awareness rallies.

Blood donation camp was organized by NSS, NCC & YRC through which more than 700 units of blood was donated to Government hospitals.

Students of our institution's BSG division organized a tree plantation drive in association with TIEMA by planting more than 300 samplings near Thirumudivakkam.

On top of that, these have helped students to identify the problems in the community and they took that as an opportunity to get funds from IEEE SIGHT and EPICS societies through their projects.

As part of UBA activity, all the students of first year underwent an Immersion training program for two days at the FORGE, Sriperumbudur.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/nss/">https://sairam.edu.in/nss/</a>

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

04

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

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

18

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**

3100

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7 - Collaboration**

**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

1038

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**

40

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

**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 equipments, etc.

Our college offers an impressive range of facilities, including 112 classrooms all equipped with smart TVs, spanning a total of 9,433 square meters.. Supplementing these are 32 tutorial rooms for undergraduate programs, covering 1429 square meters, and 15 postgraduate tutorial rooms across 756 square meters. The college has 110 laboratories, which collectively occupy 10070 square meters and serve as essential hubs for practical learning.

Further enhancing the learning environment, the college features 15 seminar halls, totaling 2659 square meters, along with two smart classrooms spanning 334 square meters. The prominent Sri Leo Muthu Stadium auditorium seats 8500, while the Sigma Auditorium and Open Air Auditorium, with seating capacities of 1200 and 1500, occupy 1217 and 1485 square meters, respectively. These facilities, particularly the Sri Leo Muthu Stadium, Sigma Auditorium, and Open Air Auditorium, provide hands-on training opportunities and accommodate large gatherings, offering practical exposure for

students.

The campus also includes a 566-square-meter Video Conferencing Room (SSR & VRR Hall) with a seating capacity of 300. Additional specialized training rooms (Alpha, Beta, Gamma Hall) cover 504 square meters and seat 160 people collectively. The Steve Jobs Hall, used for training purposes, spans 450 square meters and seats 170. Furthermore, the Shri Lakshmi Boardroom covers 150 square meters, the D Block Training Hall 241 square meters, and an expansive Incubation Centre occupies 2680 square meters, supporting entrepreneurial and innovation-driven initiatives.

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

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

The college features state-of-the-art indoor and outdoor sports facilities that meet international standards. Outdoor amenities include a cricket ground with practice nets, fields for football and hockey, as well as courts for basketball, kabaddi, volleyball, throwball, tennis ball badminton, and handball. A larger track and field area is also available to support athletic events.

The Shri Leo Muthu Indoor Stadium, spanning approximately 200,000 square feet, is the second-largest indoor facility in Tamil Nadu, capable of accommodating up to 70,000 spectators. In addition, the campus hosts another indoor stadium and a modern gym equipped with advanced fitness machines. The institution's vibrant sports atmosphere supports the regular organization of zonal, inter-zonal, state, national, and even international sports events.

Regular sporting events held include the Sairam Trophy, Founder's Trophy, as well as zonal, inter-zonal, and national tournaments. Over the past eleven years, the institution has proudly claimed the Anna University Zonal Championship title nine times and secured the runner-up position twice. The college has also excelled in various invitation tournaments, showcasing the skill and dedication of its athletes.

A dedicated Yoga Club promotes physical and mental well-being,



organizing regular sessions for students and staff.

For cultural development, the college offers ample facilities and platforms for students to express their talents. Practice and green rooms are available, and the Fine Arts Association hosts frequent activities, culminating in an annual cultural extravaganza with numerous competitions to celebrate student creativity and expression.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/sports/">https://sairam.edu.in/sports/</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

113

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

3223.18

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

Our library is fully automated through the Integrated Library Management System (ILMS), known as SABAS (Sai Automated Bibliotheca Administrative System). SABAS is a comprehensive, user-friendly library automation platform that streamlines all library functions, enabling efficient organization, management, and tracking of resources.

The system supports the maintenance of a comprehensive database, recording new additions as well as tracking borrowed books and their due dates. SABAS manages the library inventory effectively by monitoring the number of books available, issued, returned, or renewed, and calculates any applicable late fees. This automation provides accurate, real-time data on book availability, greatly reducing time and effort.

#### Key Features of SABAS Library Management System:

- **Catalogue Management:** Organizes and maintains records of all library materials.
- **Membership Management:** Manages user accounts and borrowing privileges.
- **Circulation Management:** Tracks book lending, returns, and renewals.
- **Acquisition Management:** Manages the acquisition of new resources.
- **Barcoding and Barcode Scanning:** Simplifies tracking and inventory processes.
- **Search Function:** Provides efficient, user-friendly search capabilities.
- **Online Access:** Allows members to access the library catalog remotely.
- **Fee Management:** Tracks fines and fees related to overdue or lost items.

SABAS empowers the library to serve its members effectively, supporting a streamlined, accurate, and accessible library experience.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/abdul-kalam-digital-library/">https://sairam.edu.in/abdul-kalam-digital-library/</a>

**4.2.2 - Institution has access to the following: e- A. Any 4 or more of the above journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**33.79**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<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 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**370**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

#### Objectives:

- To allocate 3-5% of the annual budget towards upgrading IT facilities to meet the evolving needs of students, faculty, researchers, and administrative functions.

#### Utilization:

1. The campus internet bandwidth will be upgraded regularly to support high-speed connectivity.
2. The number of high-performance Wi-Fi routers will be increased, and comprehensive Wi-Fi coverage will be established across the campus and hostels.
3. Advanced firewalls will be implemented to ensure data security and protect institutional resources.
4. High-performance processors and servers will be upgraded periodically to meet current and future demands.
5. Comprehensive CCTV surveillance will be deployed across all areas of the campus and hostels to enhance security.
6. The IT team will conduct regular maintenance of IT infrastructure to ensure optimal performance and reliability.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
6358	1720

File Description	Documents
Upload any additional information	No File Uploaded

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/e-content-facility/">https://sairam.edu.in/e-content-facility/</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

3068.36

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

**Policy Statement** The institute's Maintenance Policy is designed to ensure the effective upkeep, management, and handling of institutional resources and amenities, including buildings, IT infrastructure, classrooms, equipment, and laboratories.

**Objectives**

- To ensure the proper maintenance of the institution's common infrastructure, laboratory equipment, and other facilities.
- To preserve and manage both print and digital resources of the Central Library efficiently.
- To maintain ICT-enabled classrooms, seminar halls, and faculty rooms in optimal condition, including necessary upgrades.
- To support the regular upkeep and safety of campus buildings.
- To ensure the proper functioning and maintenance of the campus IT network and CCTV surveillance systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/infrastructure/">https://sairam.edu.in/infrastructure/</a>

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

**5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

2636

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year**

752

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities**  
**Soft Skills**  
**Language and Communication Skills**  
**Life Skills (Yoga, Physical fitness, Health and Hygiene)**  
**Awareness of Trends in Technology**

A. All of the above

File Description	Documents
Link to Institutional website	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/5.1.3-Capacity-development-and-Skil-enhancement-2023-24.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/5.1.3-Capacity-development-and-Skil-enhancement-2023-24.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

6098

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

642

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 outgoing students progressing to higher education

50

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

## 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

64

File Description	Documents
Upload supporting data for students/alumni	<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 and/or cultural activities at inter-university / state /national / international events (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>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The active Student Council at our institution plays a pivotal role in fostering student participation in organizing Hackathon, Symposiums, Seminars, Conferences and Workshops. Elected through a transparent process, the council includes diverse representatives

from various academic disciplines, promoting inclusivity.

Among the council members five members will be designated as (MAGIC) Mastermind, Advocate, Guide, Influencer and Communicator. These council members actively contribute to various academic and administrative committees, such as curriculum development, anti-ragging, and grievance redressal. The students involve themselves in events such as interacting with alumni, startups, various IEEE and club activities. Especially the Department symposia are completely planned, organized and conducted by the students under the supervision of the faculty.

Their participation ensures that the institution's policies and practices align with student needs and aspirations. Additionally, the Student Council plays a crucial role in enhancing campus life by organizing cultural, sports, and academic events. By involving students in institutional key committees, the institution promotes democratic values, leadership skills, and a sense of responsibility among students, fostering a collaborative environment. This active involvement ensures that students contribute meaningfully to the continuous improvement of academic standards and institutional development.

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

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

22

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association was formed in the year 2007 under the title "Sri Sairam Engineering College Alumni Association" with the Reg. No: 220/2007. The Alumni Association and its registered, functional chapters play a vital role in the growth and development of our institution. With a strong and active alumni network, the association consistently contributes through both financial assistance and various support services. Alumni members, who have excelled in diverse fields, generously provide financial donations that help in funding scholarships, infrastructure development, and research initiatives. In specific Dr. P. Veera Muthuval an illustrious alumnus donated Rs. 5,00,000 which was truly inspiring. These contributions significantly enhance the institution's resources and educational environment.

Beyond financial support, alumni actively engage in mentoring current students, offering career guidance, and facilitating internships or job placements. Their industry connections and real-world experience bring immense value to the institution's academic programs, helping to align them with current professional demands. The association also collaborates with the administration to organize guest lectures, workshops, and seminars, allowing students to learn from experts in various fields.

In nutshell, the Alumni Association plays a crucial role in enhancing the institution's reputation, ensuring its sustained growth, and enriching the student experience.

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

**5.4.2 - Alumni's financial contribution during the year A. ? 15 Lakhs**

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 an effective leadership in tune with the vision

and mission of the Institution

The governance of an institution is crucial to its success, shaping the quality of education, research, and community engagement. Effective leadership, aligned with the institution's vision of becoming a center of excellence, ensures decisions are strategically aimed at long-term goals. A robust governance framework includes a governing council, academic committees, and administrative bodies, with the Principal playing a pivotal role in aligning day-to-day operations with the institution's mission.

Participatory governance fosters collaboration among faculty, students, and industry representatives, resulting in better policies for curriculum development, research focus, and community engagement. Leadership encourages academic innovation through faculty development programs (e.g., NITTTR, NPTEL) and investments in cutting-edge laboratories and research centers.

Financial management under strong leadership ensures resource allocation for both operational needs and long-term projects. It also supports student initiatives like entrepreneurship and real-world problem-solving through platforms such as incubators and hackathons.

Continuous feedback from stakeholders, including faculty, students, alumni, and industry partners, allows adaptive governance, keeping the institution responsive to emerging challenges. This dynamic approach ensures the college remains at the forefront of engineering education, producing graduates equipped to address societal needs and contribute to technological advancement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/management/">https://sairam.edu.in/management/</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution's decentralized governance model fosters a collaborative environment, involving management, staff, students, and stakeholders in all activities. While the Principal leads academic initiatives, decision-making is a shared responsibility, relying on open discussions and collective input. Management plays a crucial role in shaping the academic year's plan, highlighting its

essential involvement in the institution's operations.

A key example of this approach is seen in the institution's 39 Institute of Electrical and Electronics Engineers (IEEE) societies, which include both faculty and students. These societies are designed to foster technical and professional growth, with each society being guided by a group of Office-Bearers known as "SCOPE" members. The SCOPE members—Team Strategist, Captain, Organizer, Propagator, and Executor—are responsible for enrolling members and organizing year-round activities.

The IEEE societies operate based on six core principles: Trust, Growth and Nutrition, Partnership, Service to Humanity, Integrity, and Global Communication. These guiding values shape the activities of the societies and reflect the broader mission of the institution. They encourage a culture of collaboration, responsibility, and global engagement. This structure empowers the community to work together effectively, ensuring that each member contributes to both personal growth and the overall impact of the institution's initiatives.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://edu.ieee.org/in-sairam/">https://edu.ieee.org/in-sairam/</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institution has developed a well-structured Strategic/Perspective Plan aimed at meeting the evolving requirements of its stakeholders and ensuring long-term sustainability in key areas like Teaching and Learning, Research & Development (R&D), Infrastructure Facilities, Human Resource Management (HRM), Industry Interaction, and Community Engagement. This plan is aligned with the Vision 2025, and the institution adopts a three-point approach to achieving its goals: Instilling Purpose, Improving Processes, and Inspiring People.

To enhance the Teaching and Learning environment, the institution

has integrated the Sairam Artificial Intelligence Learning (SAIL) app into its educational framework. The SAIL app is India's first AI-powered learning and career companion designed specifically for students at the Sri Sairam Group. Through this platform, faculty post a range of assessments, including objective, subjective, coding, assignments, and live evaluations.

Post-assessment, the app provides detailed analytics that allow faculty members to review metrics such as participation rates, unit performance, topic-specific performance, and overall student progress. This data-driven approach equips instructors with the insights necessary to take corrective actions in the teaching and learning process, ensuring that the educational experience is continuously improved and aligned with the institution's long-term strategic objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://sailmentor.sairam.edu.in/login.html">https://sailmentor.sairam.edu.in/login.html</a>
Upload any additional information	<a href="#">View File</a>

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

The Chairman and Chief Executive Officer holds the management position, totally supported in policy making and implementation by the Board of Trustees, Governing Council and Academic Council. The Principal leads the three major divisions of operations, Center for Excellence, Academic and the Non - Academic. The three divisions are inherently integrated and exhibit a clear alignment that ensures in realising the intended vision of the institution. Centre of Excellence comprises IQAC, R&D, Accreditation Process Units and the Training & Placement Cell. These divisions have the needed subset functionaries in coordination for quality assurance and achieving excellence in all frontiers in the institution's mission. Academics , the heart of the organogram, have second rung leaders in HoDs and are functional with the broad categorization of processes like teaching, learning, research, innovation, industry interaction, social activities and others. Examination, Library and Co-Curricula are forming prominent positions to ensure completeness in knowledge acquisition and skill upgradation. Every functionary has defined roles to execute timely activities. Non- Academic frontier has

prominent divisions like Administrative Affairs, Hostel and Alumni Association. They render service as depicted in the organogram in multiple levels pertaining to the needs of individual stakeholder to the common vision of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://sairam.edu.in/wp-content/uploads/2023/07/sairam-organogram.pdf">https://sairam.edu.in/wp-content/uploads/2023/07/sairam-organogram.pdf</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

### 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) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution is magnanimous to implement welfare measures for the personal and professional growth of each faculty member. A good number of teaching and non teaching staff members are pursuing their higher studies. The retention ratio of the staff members is high due to the benevolent and pleasant working environment.

### Welfare measures for teaching Staff

- Study Leave to higher education
- Sponsoring for attending conference, workshops and FDPs, National

## & International

- Incentives for publication of papers/research articles/Patent Filing and renewal.
- Rewards for E-content preparations/Book publications/Translation works
- Encouragement for memberships in Professional Societies
- Sponsorship for Professional/Technical competence enhancement courses
- Recognition for AICTE approved NITTTR/SWAYAM/NPTEL courses
- Providing facilities for faculty start up
- Recognition for outstanding societal activities
- Scholarships for staff's children.
- Medical Support & Group Insurance
- Marriage gifts & one week leave
- Awards, Gifts and mementoes during Teachers Day Celebrations
- Transport facilities

## Welfare measures for non-teaching staff

- Scholarships for staff's children.
- Quarters for staff
- Group Insurance & Medical Support
- Marriage gifts & one week leave
- Gifts during Teachers' Day Celebrations
- Study Leave for higher studies
- Sponsoring for skill development/workshops/conferences
- Transport facilities



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2023/10/LEAVE-RULES-1.pdf">https://sairam.edu.in/wp-content/uploads/2023/10/LEAVE-RULES-1.pdf</a>

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

375

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 programmes organized by the Institution for its teaching and non-teaching staff during the year**

23

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**

287

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</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

A robust internal audit process is currently in operation, which enables the implementation of all necessary procedures to support the institution's financial, strategic, and academic objectives. Qualified and experienced human resources are employed in the finance department. It evaluates the efficacy of internal financial management with the support of the Head of Department, Deans, and faculty members. It is responsible for the internal audit work. The internal audit team guarantees that there are adequate procedures in place to verify day to day operation, confirmation, verification of documents and assess the financial statement and bank details.

External Statutory Auditors are responsible for conducting external audits. They submit reports that include any observations or objections if any. The finance section, internal audit team, and relevant committee of the institution evaluate the objections and the compliance report will be closed by the audit team. It is noteworthy that the institution does not have any outstanding irregularities or objections. Within the finance department of the institution, the audit mechanisms function as a resilient system for the assessment and improvement on financial controls. This fosters a culture of continuous improvement and guarantees adherence to regulatory standards.

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

### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

## 18.18

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institution's objectives and goals are the primary focus of the resource mobilisation policy, which emphasises transparency and accountability. The unified learner-centric ecosystem and humanistic service environment are created and maintained by the harmonised structure, which monitors and ensures the optimal level of fund utilisation.

#### Resource Mobilization

The primary funding is derived from student fees, in accordance with the guidelines of the affiliating university. The government's policies are transparently communicated, and the institution's funds are mobilised to ensure its effective operation. The sources of mobilizing funds are

1. Tuition fees

2. Hostel fees

3. Mess fees

4. Exam fees

5, Transport fees

- Grants received from Government and Non Government funding agencies for research, consultancy and development activities.
- Payment of salary for staff, recurring and non-recurring expenses.
- Funds are allotted for enhancement of infrastructure, TL process, refresher programmes, orientation sessions, induction

& training, workshops, seminars and research.

- Budget is utilized to meet day to day operations, capital, maintenance and fixed assets, green initiatives and energy saving equipment .
- Augmentation of resources for social service activities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

During the academic year 2023-24, the IQAC played a pivotal role in driving continuous improvement and ensuring quality across various initiatives. Two major achievements underscore the institution's commitment to excellence:

1. **EOMS Certification (ISO 21001:2018):** Sri Sai Ram Engineering College earned the distinction of being the first institution in Tamil Nadu to receive the Educational Organization Management System (EOMS) certification from the Bureau of Indian Standards (BIS). The certification license was awarded on 12th October 2023, with validity until 11th October 2026. The recognition was celebrated during the BIS Standards Day, marking a significant milestone in the institution's journey toward quality management in education.
2. **QS I GAUGE Certification:** Following a rigorous evaluation process and meticulous data submission, the institution achieved the prestigious QS I GAUGE Diamond Badge. This certification, valid until November 2025, reflects the institution's exceptional performance across parameters such as teaching quality, research, employability, and inclusivity.

Both initiatives demonstrate the institution's dedication to operational excellence, learner-centered education, and alignment with global quality benchmarks. By fostering systematic evaluation, transparency, and continuous improvement, these certifications strengthen the institution's credibility and position it as a leader in higher education.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution adopts a systematic approach to reviewing its teaching-learning processes, operational structures, and learning outcomes through its Internal Quality Assurance Cell (IQAC). These reviews are conducted at periodic intervals in adherence to established norms, ensuring alignment with academic and institutional goals.

The IQAC regularly monitors the effectiveness of teaching methodologies and learning outcomes through feedback from stakeholders such as students, faculty, alumni and industry representatives. This feedback is analyzed to identify areas for improvement and to implement innovative teaching strategies, including the integration of technology, collaborative learning, and outcome-based education practices.

Periodic academic audits and review meetings are held to evaluate curriculum delivery, faculty performance, and student progress. These reviews also focus on assessing the attainment of course and program outcomes, ensuring that learning objectives are met effectively.

The IQAC promotes continuous professional development for faculty by organizing training programs, workshops, and seminars to enhance teaching quality. It also ensures that methodologies are updated to meet changing academic and industry standards.

By systematically evaluating and improving its processes, the institution fosters a culture of excellence, ensuring that its academic practices remain student-centered, effective, and aligned

with global education standards.

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

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/Annual-Report-2023-24.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/Annual-Report-2023-24.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## **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

The Sai Ram institution is committed to promoting gender equity and empowering women by fostering an inclusive environment that supports the growth of all members. We organized various programs, seminars, and workshops focused on raising awareness about gender equality. Special initiatives like "MSME Idea Hackathon 3.0 for Women Innovators", "Awareness Program on Women Health Care," "SHE FEST 3.0 - showcase talents ," and "IEEE WIE DAY 2024 - educate against women violence. The institution celebrates Women's Day annually to honor

women and recognize their achievements. It ensures gender equality in leadership, with many departments led by women. The WOWWW Club, dedicated to female students and faculty, promotes awareness of women's empowerment. The college follows policies and guidelines that promote gender equality and address discrimination, harassment, and violence based on gender. In addition, provides support services like counseling and career guidance to empower female students. This comprehensive approach demonstrates the institution's commitment to creating a safe, inclusive, and supportive environment for women.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/7.1.1%E2%80%93Gender-Equity-promotion-programmes-organized-by-the-institution-during-the-year-2023-2024.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/7.1.1%E2%80%93Gender-Equity-promotion-programmes-organized-by-the-institution-during-the-year-2023-2024.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Wheeling to the Grid conservation Use of LED bulbs/ power-efficient equipment**

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

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Sai Ram Institution follows an effective waste management policy to minimize environmental waste, promote community well-being, and conserve ecosystems. The primary environmental objectives include achieving zero waste discharge by reducing waste and maximizing recycling to conserve resources. Faculty and students are encouraged to adopt the 4Rs: Reduce, Reuse, Recycle, and Recover.

**Solid Waste Management:** The campus promotes sustainability through a clean and green environment. Three color-coded bins are used for biodegradable, biohazardous, and non-biodegradable waste. Around 200 kg of waste is collected daily and segregated for proper disposal.

Organic waste is composted, floral waste is converted into incense products, and recyclable materials like PET bottles are sent to vendors.

**Liquid Waste Management:** Kitchen and toilet wastewater are diverted to biogas plants, reducing LPG usage and producing organic manure. Treated Reverse Osmosis wastewater is reused for gardening and vehicle washing.

**E-Waste Management:** The licensed recycler collects lab e-waste, reused, or donated whenever possible. Useful computers, monitors, and printers are kept, while broken ones are trashed. Campus e-waste is collected every year by the CII SaiRam Young Indians Club

**Hazardous Waste Management:** Hazardous chemicals from labs and RO processes are safely disposed of through vendors. The campus is free of radioactive waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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
Geotagged 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:**

A. Any 4 or All of the above



1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

### 7.1.6 - Quality audits on environment and energy undertaken by the institution

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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 a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-**

A. Any 4 or all of the above

**friendly washrooms Signage including tactile path lights, display boards and signposts**  
**Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc.**  
**Provision for enquiry and information:**  
**Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

Sri Sai Ram Engineering College emphasizes understanding India's diverse cultural, geographical, linguistic, and socioeconomic richness. The college celebrates regional and cultural holidays to foster harmony and tolerance among students and faculty. National events such as Republic Day, Independence Day, and International Yoga Day are observed, while International Women's Day on March 8, 2024, highlights women's achievements and gender equality. Ayudha Pooja on October 10, 2024, united the campus in a vibrant spiritual celebration. The institution integrates universal human values like peace, compassion, and tolerance into its curriculum to nurture socially responsible individuals. Initiatives like Bharat Scouts & Guides, launched on April 20, 2024, and NSS and NCC activities, including bicycle rallies, drug abuse awareness, and tree plantations, promote community service and leadership. A Blood Donation Camp on February 26, 2024, further encouraged societal contribution. Humanitarian efforts include aiding flood victims in Tambaram and implementing transformative projects like the Rural Solar Electrification Station with IEEE HAC/SIGHT funding of \$4,000 (?3,28,720) to supply power during crises. The Hygiene Hydro Project in Poonthandalam provides clean drinking water to villagers, marking a major milestone in community welfare. These initiatives underscore the college's commitment to societal progress and sustainable

development .

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>

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

Sri Sairam Engineering College actively fosters the values enshrined in the Constitution of India to shape students into responsible citizens. A mandatory course titled "Constitution of India" is included in the curriculum for third-semester students, enabling them to understand their roles and responsibilities as citizens. The college organizes events such as Independence Day, Republic Day, and Constitution Day annually, instilling patriotism and appreciation for the nation's freedom and democracy. The institution emphasizes environmental responsibility through initiatives like the Plantation Program, aimed at nurturing environmentally conscious citizens. Activities such as tree plantation drives, coastal clean-ups, disaster management and fire safety training, blood donation camps, and rallies aligned with the Sustainable Development Goals (SDGs) are regularly conducted to promote social welfare and community engagement. On August 15, 2023, the college commemorated India's 76th Independence Day by honoring the sacrifices of freedom fighters and unveiling a plaque to mark the occasion, reinforcing the significance of their struggles in shaping the nation.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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**

**A. All of the above**

**students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

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 programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Sri Sairam Engineering College actively celebrates national and international days to highlight values like freedom, democracy, peace, cultural heritage, and scientific achievements. The college observes India's national holidays—Republic Day, Independence Day, and Gandhi Jayanti—with respect and patriotism, reflecting its dedication to national values. International Women's Day on March 8th honours women's contributions, while International Yoga Day on June 21st promotes health through yoga. Teachers' Day on September 5th commemorates Dr. Sarvepalli Radhakrishnan, celebrating educators' pivotal role in society. National Engineer's Day on September 15th pays tribute to Sir Mokshagundam Visvesvaraya, inspiring innovation in engineering. National Science Day honours Sir C.V. Raman's contributions and fosters scientific curiosity. The college also celebrates cultural traditions like Pongal and Saraswathi Pooja, emphasizing community and heritage. Through these events, the college nurtures a holistic, value-driven environment, encouraging students to embrace heritage and contribute meaningfully to society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice - 1: Faculty and Student immersion Programme

The practice aims to engage first-year students in tackling real-world challenges through innovation, problem-solving, environmental exploration, and sustainable development solutions. The program involves two-day immersion at an organization focused on supporting rural communities and startups. Students work together to address challenges related to sustainable development through collaboration, creativity, and problem-solving. Following the immersion, students participate in ideathon sessions to propose solutions for the 17 SDGs, the best ideas receiving awards and being developed into live-in-lab projects. This initiative enhances creativity, teamwork, leadership, and problem-solving skills. Key challenges included ensuring student participation, managing logistics, and coordinating faculty support during the immersion.

### Best Practice - 2 : Intellectual Property Rights Cell

The practice aims to support intellectual property (IP) identification and protection, foster innovation, and assist startups with IP management. Faced with challenges in IP awareness and protection, the institution implemented IPR workshops and clinics to guide students on patent filing. Success is reflected in improved NIRF ranking, ownership and protection of student IP, and around 100 patents filed annually. Key challenges include the need for dedicated space for IP clinic and full-time faculty to assist students with the technical paper writing process.

File Description	Documents
Best practices in the Institutional website	<a href="https://sairam.edu.in/wp-content/uploads/2018/08/BEST-PRACTICES-23-24.pdf">https://sairam.edu.in/wp-content/uploads/2018/08/BEST-PRACTICES-23-24.pdf</a>
Any other relevant information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/BEST-PRACTICE-SUPPORTIVE-DOCUMENT.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/BEST-PRACTICE-SUPPORTIVE-DOCUMENT.pdf</a>

## 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The IEEE Student Branch (SB) at Sri Sairam Engineering College, established in 2006, is a vibrant chapter with a rich history of achievements, aligning its initiatives with NIRF parameters for academic and professional excellence. With 1,840 student members and 347 professional members (2023-2024), it is among the largest branches in the Chennai Zone, actively participating in 42 Student Branch Chapters (SBCs) like Signal Processing Society, Photonics Society, Control Systems Society and Women in Engineering (WIE). The branch has earned prestigious awards, including the Top Recruiter Award (2014), Darrel Chong Gold Award (2015), and High Performance PES Chapter Award (since 2015). Collaborating with the IEEE Madras Section, it has facilitated international and national events, securing \$40,000 for impactful student-led projects through SIGHT and EPICS proposals. Highlights include organizing international conferences like IC3IOT 2024, conducting the FIVETHON Bootcamp for 500+ school students, and hosting events such as IEEE Day and Techninja. It has elevated 70+ faculty members to Senior Member status and secured \$7,500 in travel grants and professional development workshops. Numerous awards for outstanding volunteer contributions underscore its dedication to fostering innovation, professional growth, and community engagement, creating a global impact.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution's curricula are strategically designed to respond to the dynamic needs of local, national, regional, and global requirements. The Program Outcomes (POs) articulate the goal of the respective program, ensuring significant contributions to societal advancement at multiple levels addressing skill development, Entrepreneurship and employability. Meanwhile, the Program Specific Outcomes (PSOs) outline the distinct competencies students gain, aligning their skills with the specific aims of their programs. This commitment is reflected in the alignment of POs, PSOs, and Course Outcomes (COs) across all programs, offering a mix of Core and Elective courses for a comprehensive educational experience. The curriculum also incorporates an industry-based approach to meet global expectations. Sustainable Development Goals (SDGs) are integrated throughout the curriculum, emphasizing personal, interpersonal, and universal values, stress management, and professional ethics, fostering holistic development. Live-in-Labs and project work stimulate the students' design thinking, creativity and problem-solving skills to facilitate their start-up. The curriculum integrates online courses through various MOOC platforms to support a lifelong learning culture. Regular monitoring, reviews, and stakeholder feedback ensure that our programs meet evolving demands. The ultimate aim of the program is to shape and sharpen the student's mind to become a responsible leader for society.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/1.1.1-Additional-Information.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/1.1.1-Additional-Information.pdf</a>

#### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**

102

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of new courses introduced across all programmes offered during the year**

99

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System**

21



File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution's policy effectively integrates key issues related to Professional Ethics, Environment and Sustainability, and Human Values into its framework. These principles are embedded throughout the curriculum and are further supported by dedicated cells and clubs, with active participation from both students and faculty. In alignment with global objectives, the Sustainable Development Goals (SDGs) are a core element of the academic program, encouraging students to engage in activities that promote these goals through platforms such as NSS, NCC, YRC, and UBA. The institution's commitment to holistic development is also reflected in the recognition of achievements through the Internal Compliance Committee and the WoWWW (Women of Worth, Wonder, Wise) club, which honors exceptional female students excelling in academics, extracurriculars, and cocurricular activities. The curriculum is designed to cover a wide array of courses focused on Professional Ethics, the Constitution of India, Gender, and Human Values. It also addresses contemporary challenges through courses like Stress Management, Environmental Sciences and Engineering, Public Health and Sanitation Engineering, Sustainable Urban Infrastructure Development, Air Pollution and Control Engineering, and Water and Wastewater Treatment. This comprehensive approach equips students with a well-rounded understanding of ethical, environmental, and societal issues, fostering responsible and socially-conscious citizens.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

15

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

6037

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2344

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

1.4.1 - Structured feedback and review of the **A. All 4 of the above**

syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/Teachers-feedback.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/Teachers-feedback.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/1.4.1-Additional-Information-students-feedback-analysis.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/1.4.1-Additional-Information-students-feedback-analysis.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

1853

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 reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1965	
File Description	Documents
Any additional information	No File Uploaded
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 students' learning levels and organises special programmes for both slow and advanced learners.

The institution evaluates students' learning levels and arranges tailored programs for both slow learners and advanced learners. The institution identifies both slow and advanced learners by evaluating students' performance through Continuous Assessment Tests, laboratory experiments, End Semester Examinations, effective classroom participations and by mentoring system. Students classified as slow learners or those struggling academically due to low self-motivation. They are motivated through counseling and coaching classes. To further assist them, problem-solving sessions, tutorials, and motivational lectures are also organized. Advanced learners, on the other hand, are encouraged to undertake industrial internships with stipend in reputed corporates and research institutions across the globe. They are encouraged to participate in conferences, seminars, workshops, hackathons, business plan competitions, and national or global award-winning contests. Students are also encouraged to be a part of Sri Sairam Techno Incubator Foundation. They learn about initiating start up ventures and other entrepreneurial activities. They are given opportunities to enroll in and excel in multiple MOOC courses in SWAYAM NPTEL, IIT Bombay Spoken Tutorials, L&T edutech courses, IIT GUVI certification courses, GATE Coaching classes, ICT academy Learnathon Courses, and . They are also encouraged to be a part of organising committee to organise technical events under IEEE professional societies and clubs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.2.1-PROGRAMS-FOR-SLOW-AND-ADVANCED-LEARNERS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.2.1-PROGRAMS-FOR-SLOW-AND-ADVANCED-LEARNERS.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	6358	410

File Description	Documents
Upload 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:

Experiential learning involves hands-on activities, allowing students to gain real-world experience through projects, internships, or simulations and gain experience knowledge through events. Participative learning encourages collaboration, where students engage in class room interaction and group discussions, collaborative projects and peer learning to build knowledge collectively. Student -centric learning is nurtured by providing an ICT enabled campus and IP enabled library facility which provides a platform for students to develop their contemporary skills. Faculty members employ teaching pedagogical methods like Lecture with demonstration in laboratories, models/charts animation, Industrial visit, Simulation based training, video demonstration ,case discussion ,industry expert interactions ,Collaborative learning such as Live in Labs. The Institution provides an active platform for students to develop their contemporary skills. The departments organize and conduct innovative programsto nurture their problem-solving skills such as hackathon and endorse participative learning like SDG immersion programs. The institute organizes Seminars, panel discussions ,Conferences, Tech Talks,hands on training,student symposium ,research and innovation events annually in which the individuals seek to uncover new ideas and share the latest

research in their local areas that spark conversations in their communities. Students showcase their knowledge by taking part in quiz programs conducted online and offline through SAIL Application.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.3.1-STUDENT-CENTRIC-METHODS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.3.1-STUDENT-CENTRIC-METHODS.pdf</a>

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The Institution is a wi-fi enabled campus that provides an e-learning atmosphere to the faculty and students. Lectures with PPT and technical videos are played through Smart Classrooms. Assignments are given to the students and evaluated through a dedicated ICT tool SAIL App and also through Google forms. In addition, NPTEL, IIT-B Spoken Tutorial, IIT-PALS, Vlabs, mentimeter, kahoot, webinars through Gmeet, Zoom networks and online resources are also used. E-books and e-journals under IEEE Explore digital library, science direct are shared with the students to enhance knowledge and skills in contemporary areas. The students are exposed to digitally equipped seminar rooms where guest lectures, expert talks and various competitions are regularly organized for students. Simulation based learning is achieved through MATLAB, TEXAS softwares, CDAC Wingz, KEIL Microvision, The Institution has established industry linked centers like Texas Instruments Innovation Lab, Center for Robotics - eYantra. Academia like CISCO/ Oracle/ AWS/ Salesforce/ Microsoft Azure/ Data analytics/ Red Hat Linux/ TCS Bot Lab/ to train the students to equip themselves with emerging technologies. Research centers like Clean Energy Research center/ Biofuel research center, Material Research Centre, Functional Materials Research Lab, Sairam incubation center, AICTE idea Lab, CDAC (IOT) lab were established.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sairam.edu.in/wp-content/uploads/2024/01/2.3.2-ICT-ENABLED-Digital-course-contents.pdf">https://sairam.edu.in/wp-content/uploads/2024/01/2.3.2-ICT-ENABLED-Digital-course-contents.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

402

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Before the commencement of classes, the institute academic calendar is devised collaboratively by the Principal, DEANS, HODs, IQAC members and senior professors. The institutional academic calendar contains plans for curricular and co-curricular activities that include schedule of assessment, laboratory practical, end semester examination, co-curricular activities, technical events, placement training, audit schedules and extracurricular activities. Schedules of class committee meetings, PAC, DAB, BoS, AC, GB, IQAC, MRM, Academic Audit and result review meetings are also listed. The detailed lesson plan/teaching methodology as suited to syllabus is prepared by each faculty before start of the semester based on the academic calendar. The laboratory schedule is prepared by the concerned faculty and batch-wise details are specified in laboratory schedule. Time Table of regular lectures for the semester is prepared as well and displayed on the notice board and website. Any minor changes in academic calendar which may deem fit considering the unforeseen circumstance is done by the authorities of the institution. The department's advisory board and programme assessment committee ensures the smooth adherence of the academic calendar. Based on the institute academic

calendar, all the departments prepare department planner. In case of any deviations in the planner, it will be communicated to Principal with appropriate remarks and justifications.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<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

410

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

159

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

4216



File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

177

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The entry of marks, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results have been automated. At the beginning of the semester, every student shall enroll the courses in the online portal (Edumate). The students' performance is assessed through (i) Continuous Assessment Test throughout the semester and (ii) End Semester Examination (ESE) at the end of the semester (including project work & viva voce Examinations) The faculty members handling the courses use

the online portal -edumate for mark entry. The progress report of all the students can be downloaded from the online portal. The Controller Office publishes the time table in the college website for all the UG & PG Programmes, obtains the relevant question papers (conforming to the prescribed model) for maintaining in digital repository, printing and distribution of the answer scripts for valuation by course teachers. IT integration extends to examination logistics, including digital hall tickets, attendance tracking, and communication with absentees' parents. The examinations are conducted, valued and the results are published in the edumate portal and certificates are uploaded in digilocker. The program quality is ensured by the Academic Audit conducted vigorously every year.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.5.3-IT-INTEGRATION-IN-EXAMINATIONS.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.5.3-IT-INTEGRATION-IN-EXAMINATIONS.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The curriculum clearly outlines the Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). For each course in the curriculum, course outcomes are developed by subject domain experts. These outcomes, along with objectives and lesson plans, are shared with students and introduced in the first few sessions by the respective faculty members. Outcome-based education focuses on constructive alignment, ensuring that assessment is linked to Course Outcomes, so that both POs and PSOs align with assessment strategies and are supported by the teaching and learning methods detailed in the course plan. The primary goal of assessing programme outcomes is to demonstrate mastery of knowledge or skills in a summative way, reflecting the accumulation of essential learning throughout the programme. Course Outcomes (COs) assess students' knowledge and skills at the end of each course. Both Programme Outcomes (POs) and Course Outcomes are communicated to faculty and students after approval by the Department Advisory Board. These outcomes are also made available on the Institute's website to ensure easy access for all stakeholders. Additionally, POs and PSOs are displayed in

classrooms, staffrooms, and key areas on campus, such as the department office, library, and laboratories.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Students' progress and learning outcomes are monitored through continuous evaluations, tutorials, laboratory exercises, and live in lab projects/assignments. Three continuous assessments are conducted for all the courses. In addition, assignments and quizzes are also used for assessing the students' performance in each course. These performance values are processed based on the CO distribution table for the attainment. These attainment values are processed based on CO-PO mapping for PO and PSO attainments. The PAC and DAB will identify and fix the attainment levels for each course and programme. The attainment levels will vary for course to course and programme to programme. These values are evaluated batchwise and regulationwise. The curricular gaps are identified through PO attainment process. These curricular gaps are placed in PAC and DAB meetings for review and modifications. In cases of fulfilling the targets, the levels may be increased for higher value of attainments. Determining the gap in PO attainment and extra module to bridge the gap are the major tools in PO attainment. The process of attainment of COs, POs and PSOs starts from writing appropriate COs using Blooms Taxonomy for each course. Then, a correlation is established between COs and POs, PSOs on the scale of 0 to 3.

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

### 2.6.3 - Pass Percentage of students

### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1262

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/2.6.3.2-ANNUAL-REPORT.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/2.6.3.2-ANNUAL-REPORT.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://sairam.edu.in/wp-content/uploads/2018/08/SSS-2023-24.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Sri Sai Ram Engineering College creates a conducive environment for research to faculty and students by providing the necessary infrastructure and research facilities every year. The institute was recognised as an Institutional Level Research Center by Anna University. Research cluster has been established with subject expertise in order to exchange their views in all the contemporary domains. Funded and sponsored projects are submitted through the Dean (R&D) after careful review to various government and non government agencies. Seed Money is also provided to the faculty and students for their innovative projects. The Institute supports funding for patent filing. The students are sponsored to present and publish their research papers in International Conferences abroad. The faculty members are encouraged to publish papers in high-impact indexed journals. Also, faculty are motivated to do research work in collaboration with leading academic and research institutions in India and abroad and sabbatical leave is encouraged for faculty. Stipend for full time

research scholar is enhanced to Rs 25,000 per month.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/RESEARCH-POLICY.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/RESEARCH-POLICY.pdf</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

32.07306

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

6

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

156.0270376

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

16

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.serbonline.in/SERB/HomePage">https://www.serbonline.in/SERB/HomePage</a> , <a href="https://www.aicte-india.org/schemes/research-innovations-development-schemes">https://www.aicte-india.org/schemes/research-innovations-development-schemes</a> , <a href="https://msme.gov.in">https://msme.gov.in</a>
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

52

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://www.serbonline.in/SERB/HomePage">https://www.serbonline.in/SERB/HomePage</a> , <a href="https://www.aicte-india.org/schemes/research-innovations-development-schemes">https://www.aicte-india.org/schemes/research-innovations-development-schemes</a> <a href="https://msme.gov.in">https://msme.gov.in</a>
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution operates with the explicit goal of fostering the education and growth of exceptional, creative, and comprehensive engineers who will contribute new heights of interdisciplinary approach, design thinking, and innovation. The innovation ecosystem with required infrastructure, enables students and faculty to convert their innovative ideas into sustainable products through the following well defined phases namely, Sairam SDG Ideathon, Sairam SDG Solveathon, Sairam SDG Innovathon, Sairam SDG Inspireathon in this, one complete cycle was completed during this year. Sairam Institutions has designed and developed the above innovative competition based learning model.

Entrepreneurship Development Cell is functioning with a focus of promoting Entrepreneurship activities in the campus by conducting various awareness programs for the students by alumni entrepreneurs and other entrepreneurs. The IPR Cell hosts a

number of workshops and seminars on copyright and patent draughting and filing. Established the Sairam Defence Startup Ecosystem and won two challenges DISC 7 and 10, declared by the Ministry of Defence, India. Sairam Techno Incubation Foundation which is inside the college with a dedicated work space of 20,000 sq ft that takes care of the promotion of technology incubation/ technology transfer by involving students in various product development activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://projects.sairamtap.edu.in/news">https://projects.sairamtap.edu.in/news</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

77

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**A. All of the above**



File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

43

File Description	Documents
URL to the research page on HEI website	<a href="https://sairam.edu.in/recognized-supervisor-list/">https://sairam.edu.in/recognized-supervisor-list/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

67

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

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

87

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://onlinelibrary.wiley.com/doi/book/10.1002/9781394216796">https://onlinelibrary.wiley.com/doi/book/10.1002/9781394216796</a> <a href="https://link.springer.com/chapter/10.1007/978-981-99-1624-5_18">https://link.springer.com/chapter/10.1007/978-981-99-1624-5_18</a> <a href="https://www.taylorfrancis.com">https://www.taylorfrancis.com</a> <a href="https://ieeexplore.ieee.org/">https://ieeexplore.ieee.org/</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

1729

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

17

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.09379

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

9.365

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

With the goal of raising awareness within its student body about the importance of serving their local community, the college hosts a variety of outreach events. The National Service Scheme (NSS), National Cadet Corps (NCC), Unnat Bharat Abhiyan (UBA) and Bharat Scouts and Guides (BSG) are all avenues through which our college students are engaging in community service in villages adopted by our college.

A residential special camp was organized by NSS in our adopted villages. During the camp students conducted a survey, a medical camp was organized, and participated in anti-plastic, drug-

awareness, and AIDS-awareness rallies.

Blood donation camp was organized by NSS, NCC & YRC through which more than 700 units of blood was donated to Government hospitals.

Students of our institution's BSG division organized a tree plantation drive in association with TIEMA by planting more than 300 samplings near Thirumudivakkam.

On top of that, these have helped students to identify the problems in the community and they took that as an opportunity to get funds from IEEE SIGHT and EPICS societies through their projects.

As part of UBA activity, all the students of first year underwent an Immersion training program for two days at the FORGE, Sriperumbudur.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/nss/">https://sairam.edu.in/nss/</a>

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

04

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

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

18

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3100

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1038

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

40

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

## 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 equipments, etc.

Our college offers an impressive range of facilities, including 112 classrooms all equipped with smart TVs, spanning a total of 9,433 square meters.. Supplementing these are 32 tutorial rooms for undergraduate programs, covering 1429 square meters, and 15 postgraduate tutorial rooms across 756 square meters. The college has 110 laboratories, which collectively occupy 10070 square meters and serve as essential hubs for practical learning.

Further enhancing the learning environment, the college features 15 seminar halls, totaling 2659 square meters, along with two smart classrooms spanning 334 square meters. The prominent Sri Leo Muthu Stadium auditorium seats 8500, while the Sigma Auditorium and Open Air Auditorium, with seating capacities of 1200 and 1500, occupy 1217 and 1485 square meters, respectively. These facilities, particularly the Sri Leo Muthu Stadium, Sigma Auditorium, and Open Air Auditorium, provide hands-on training opportunities and accommodate large gatherings, offering practical exposure for students.

The campus also includes a 566-square-meter Video Conferencing Room (SSR & VRR Hall) with a seating capacity of 300. Additional specialized training rooms (Alpha, Beta, Gamma Hall) cover 504 square meters and seat 160 people collectively. The Steve Jobs Hall, used for training purposes, spans 450 square meters and seats 170. Furthermore, the Shri Lakshmi Boardroom covers 150 square meters, the D Block Training Hall 241 square meters, and an expansive Incubation Centre occupies 2680 square meters, supporting entrepreneurial and innovation-driven initiatives.

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

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

The college features state-of-the-art indoor and outdoor sports facilities that meet international standards. Outdoor amenities include a cricket ground with practice nets, fields for football and hockey, as well as courts for basketball, kabaddi,

volleyball, throwball, tennis ball badminton, and handball. A larger track and field area is also available to support athletic events.

The Shri Leo Muthu Indoor Stadium, spanning approximately 200,000 square feet, is the second-largest indoor facility in Tamil Nadu, capable of accommodating up to 70,000 spectators. In addition, the campus hosts another indoor stadium and a modern gym equipped with advanced fitness machines. The institution's vibrant sports atmosphere supports the regular organization of zonal, inter-zonal, state, national, and even international sports events.

Regular sporting events held include the Sairam Trophy, Founder's Trophy, as well as zonal, inter-zonal, and national tournaments. Over the past eleven years, the institution has proudly claimed the Anna University Zonal Championship title nine times and secured the runner-up position twice. The college has also excelled in various invitation tournaments, showcasing the skill and dedication of its athletes.

A dedicated Yoga Club promotes physical and mental well-being, organizing regular sessions for students and staff.

For cultural development, the college offers ample facilities and platforms for students to express their talents. Practice and green rooms are available, and the Fine Arts Association hosts frequent activities, culminating in an annual cultural extravaganza with numerous competitions to celebrate student creativity and expression.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/sports/">https://sairam.edu.in/sports/</a>

**4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities**

113

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

3223.18

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

Our library is fully automated through the Integrated Library Management System (ILMS), known as SABAS (Sai Automated Bibliotheca Administrative System). SABAS is a comprehensive, user-friendly library automation platform that streamlines all library functions, enabling efficient organization, management, and tracking of resources.

The system supports the maintenance of a comprehensive database, recording new additions as well as tracking borrowed books and their due dates. SABAS manages the library inventory effectively by monitoring the number of books available, issued, returned, or renewed, and calculates any applicable late fees. This automation provides accurate, real-time data on book availability, greatly reducing time and effort.

#### Key Features of SABAS Library Management System:

- **Catalogue Management:** Organizes and maintains records of all library materials.



- **Membership Management:** Manages user accounts and borrowing privileges.
- **Circulation Management:** Tracks book lending, returns, and renewals.
- **Acquisition Management:** Manages the acquisition of new resources.
- **Barcoding and Barcode Scanning:** Simplifies tracking and inventory processes.
- **Search Function:** Provides efficient, user-friendly search capabilities.
- **Online Access:** Allows members to access the library catalog remotely.
- **Fee Management:** Tracks fines and fees related to overdue or lost items.

SABAS empowers the library to serve its members effectively, supporting a streamlined, accurate, and accessible library experience.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/abdul-kalam-digital-library/">https://sairam.edu.in/abdul-kalam-digital-library/</a>

**4.2.2 - Institution has access to the following:  
e-journals e-ShodhSindhu Shodhganga  
Membership e-books Databases Remote  
access to e-resources**

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

33.79

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<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 - Usage of library by teachers and students (footfalls and login data for online access)

##### 4.2.4.1 - Number of teachers and students using the library per day during the year

370

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

##### Objectives:

- To allocate 3-5% of the annual budget towards upgrading IT facilities to meet the evolving needs of students, faculty, researchers, and administrative functions.

##### Utilization:

1. The campus internet bandwidth will be upgraded regularly to support high-speed connectivity.
2. The number of high-performance Wi-Fi routers will be increased, and comprehensive Wi-Fi coverage will be established across the campus and hostels.
3. Advanced firewalls will be implemented to ensure data security and protect institutional resources.
4. High-performance processors and servers will be upgraded periodically to meet current and future demands.
5. Comprehensive CCTV surveillance will be deployed across all areas of the campus and hostels to enhance security.
6. The IT team will conduct regular maintenance of IT infrastructure to ensure optimal performance and reliability.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### **4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
6358	1720

File Description	Documents
Upload any additional information	No File Uploaded

#### **4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/e-content-facility/">https://sairam.edu.in/e-content-facility/</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

3068.36

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

**Policy Statement** The institute's Maintenance Policy is designed to ensure the effective upkeep, management, and handling of institutional resources and amenities, including buildings, IT infrastructure, classrooms, equipment, and laboratories.

#### Objectives

- To ensure the proper maintenance of the institution's

common infrastructure, laboratory equipment, and other facilities.

- To preserve and manage both print and digital resources of the Central Library efficiently.
- To maintain ICT-enabled classrooms, seminar halls, and faculty rooms in optimal condition, including necessary upgrades.
- To support the regular upkeep and safety of campus buildings.
- To ensure the proper functioning and maintenance of the campus IT network and CCTV surveillance systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://sairam.edu.in/infrastructure/">https://sairam.edu.in/infrastructure/</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2636

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

752

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

<b>5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology</b>	<b>A. All of the above</b>
--	----------------------------

File Description	Documents
Link to Institutional website	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/5.1.3-Capacity-development-and-Skill-enhancement-2023-24.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/5.1.3-Capacity-development-and-Skill-enhancement-2023-24.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>
--

**6098**

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<b>5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for</b>	<b>A. All of the above</b>
---	----------------------------

**submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

642

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 outgoing students progressing to higher education

50

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State**

**government examinations) during the year**

64

File Description	Documents
Upload supporting data for students/alumni	<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 and/or cultural activities at inter-university / state /national / international events (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>

**5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution**

The active Student Council at our institution plays a pivotal role in fostering student participation in organizing Hackathon, Symposiums, Seminars, Conferences and Workshops. Elected through a transparent process, the council includes diverse representatives from various academic disciplines, promoting inclusivity.

Among the council members five members will be designated as (MAGIC) Mastermind, Advocate, Guide, Influencer and Communicator. These council members actively contribute to various academic and administrative committees, such as curriculum development, anti-ragging, and grievance redressal. The students involve themselves in events such as interacting with alumni, startups, various IEEE and club activities. Especially the Department symposia are completely planned, organized and conducted by the students under the supervision of the faculty.

Their participation ensures that the institution's policies and practices align with student needs and aspirations. Additionally, the Student Council plays a crucial role in enhancing campus life by organizing cultural, sports, and academic events. By involving



students in institutional key committees, the institution promotes democratic values, leadership skills, and a sense of responsibility among students, fostering a collaborative environment. This active involvement ensures that students contribute meaningfully to the continuous improvement of academic standards and institutional development.

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

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

22

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association was formed in the year 2007 under the title "Sri Sairam Engineering College Alumni Association" with the Reg. No: 220/2007. The Alumni Association and its registered, functional chapters play a vital role in the growth and development of our institution. With a strong and active alumni network, the association consistently contributes through both financial assistance and various support services. Alumni members, who have excelled in diverse fields, generously provide financial donations that help in funding scholarships, infrastructure development, and research initiatives. In specific Dr. P. Veera Muthuval an illustrious alumnus donated Rs. 5,00,000 which was truly inspiring. These contributions significantly enhance the institution's resources and educational environment.

Beyond financial support, alumni actively engage in mentoring

current students, offering career guidance, and facilitating internships or job placements. Their industry connections and real-world experience bring immense value to the institution's academic programs, helping to align them with current professional demands. The association also collaborates with the administration to organize guest lectures, workshops, and seminars, allowing students to learn from experts in various fields.

In nutshell, the Alumni Association plays a crucial role in enhancing the institution's reputation, ensuring its sustained growth, and enriching the student experience.

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

**5.4.2 - Alumni's financial contribution during the year**

A. ? 15 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The governance of an institution is crucial to its success, shaping the quality of education, research, and community engagement. Effective leadership, aligned with the institution's vision of becoming a center of excellence, ensures decisions are strategically aimed at long-term goals. A robust governance framework includes a governing council, academic committees, and administrative bodies, with the Principal playing a pivotal role in aligning day-to-day operations with the institution's mission.

Participatory governance fosters collaboration among faculty, students, and industry representatives, resulting in better policies for curriculum development, research focus, and community engagement. Leadership encourages academic innovation

through faculty development programs (e.g., NITTTR, NPTEL) and investments in cutting-edge laboratories and research centers.

Financial management under strong leadership ensures resource allocation for both operational needs and long-term projects. It also supports student initiatives like entrepreneurship and real-world problem-solving through platforms such as incubators and hackathons.

Continuous feedback from stakeholders, including faculty, students, alumni, and industry partners, allows adaptive governance, keeping the institution responsive to emerging challenges. This dynamic approach ensures the college remains at the forefront of engineering education, producing graduates equipped to address societal needs and contribute to technological advancement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/management/">https://sairam.edu.in/management/</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution's decentralized governance model fosters a collaborative environment, involving management, staff, students, and stakeholders in all activities. While the Principal leads academic initiatives, decision-making is a shared responsibility, relying on open discussions and collective input. Management plays a crucial role in shaping the academic year's plan, highlighting its essential involvement in the institution's operations.

A key example of this approach is seen in the institution's 39 Institute of Electrical and Electronics Engineers (IEEE) societies, which include both faculty and students. These societies are designed to foster technical and professional growth, with each society being guided by a group of Office-Bearers known as "SCOPE" members. The SCOPE members—Team Strategist, Captain, Organizer, Propagator, and Executor—are responsible for enrolling members and organizing year-round activities.

The IEEE societies operate based on six core principles: Trust, Growth and Nutrition, Partnership, Service to Humanity, Integrity, and Global Communication. These guiding values shape the activities of the societies and reflect the broader mission of the institution. They encourage a culture of collaboration, responsibility, and global engagement. This structure empowers the community to work together effectively, ensuring that each member contributes to both personal growth and the overall impact of the institution's initiatives.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://edu.ieee.org/in-sairam/">https://edu.ieee.org/in-sairam/</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institution has developed a well-structured Strategic/Perspective Plan aimed at meeting the evolving requirements of its stakeholders and ensuring long-term sustainability in key areas like Teaching and Learning, Research & Development (R&D), Infrastructure Facilities, Human Resource Management (HRM), Industry Interaction, and Community Engagement. This plan is aligned with the Vision 2025, and the institution adopts a three-point approach to achieving its goals: Instilling Purpose, Improving Processes, and Inspiring People.

To enhance the Teaching and Learning environment, the institution has integrated the Sairam Artificial Intelligence Learning (SAIL) app into its educational framework. The SAIL app is India's first AI-powered learning and career companion designed specifically for students at the Sri Sairam Group. Through this platform, faculty post a range of assessments, including objective, subjective, coding, assignments, and live evaluations.

Post-assessment, the app provides detailed analytics that allow faculty members to review metrics such as participation rates, unit performance, topic-specific performance, and overall student progress. This data-driven approach equips instructors with the

insights necessary to take corrective actions in the teaching and learning process, ensuring that the educational experience is continuously improved and aligned with the institution's long-term strategic objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://sailmentor.sairam.edu.in/login.htm">https://sailmentor.sairam.edu.in/login.htm</a> <a href="#">1</a>
Upload any additional information	<a href="#">View File</a>

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

The Chairman and Chief Executive Officer holds the management position, totally supported in policy making and implementation by the Board of Trustees, Governing Council and Academic Council. The Principal leads the three major divisions of operations, Center for Excellence, Academic and the Non - Academic. The three divisions are inherently integrated and exhibit a clear alignment that ensures in realising the intended vision of the institution. Centre of Excellence comprises IQAC, R&D, Accreditation Process Units and the Training & Placement Cell. These divisions have the needed subset functionaries in coordination for quality assurance and achieving excellence in all frontiers in the institution's mission. Academics, the heart of the organogram, have second rung leaders in HoDs and are functional with the broad categorization of processes like teaching, learning, research, innovation, industry interaction, social activities and others. Examination, Library and Co-Curricula are forming prominent positions to ensure completeness in knowledge acquisition and skill upgradation. Every functionary has defined roles to execute timely activities. Non- Academic frontier has prominent divisions like Administrative Affairs, Hostel and Alumni Association. They render service as depicted in the organogram in multiple levels pertaining to the needs of individual stakeholder to the common vision of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://sairam.edu.in/wp-content/uploads/2023/07/sairam-organogram.pdf">https://sairam.edu.in/wp-content/uploads/2023/07/sairam-organogram.pdf</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

**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>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution is magnanimous to implement welfare measures for the personal and professional growth of each faculty member. A good number of teaching and non teaching staff members are pursuing their higher studies. The retention ratio of the staff members is high due to the benevolent and pleasant working environment.

**Welfare measures for teaching Staff**

- Study Leave to higher education
- Sponsoring for attending conference, workshops and FDPs, National & International
- Incentives for publication of papers/research articles/Patent

Filing and renewal.

- Rewards for E-content preparations/Book publications/Translation works
- Encouragement for memberships in Professional Societies
- Sponsorship for Professional/Technical competence enhancement courses
- Recognition for AICTE approved NITTTR/SWAYAM/NPTEL courses
- Providing facilities for faculty start up
- Recognition for outstanding societal activities
- Scholarships for staff's children.
- Medical Support & Group Insurance
- Marriage gifts & one week leave
- Awards, Gifts and mementoes during Teachers Day Celebrations
- Transport facilities

Welfare measures for non-teaching staff

- Scholarships for staff's children.
- Quarters for staff
- Group Insurance & Medical Support
- Marriage gifts & one week leave
- Gifts during Teachers' Day Celebrations
- Study Leave for higher studies
- Sponsoring for skill development/workshops/conferences
- Transport facilities

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sairam.edu.in/wp-content/uploads/2023/10/LEAVE-RULES-1.pdf">https://sairam.edu.in/wp-content/uploads/2023/10/LEAVE-RULES-1.pdf</a>

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

375

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 programmes organized by the Institution for its teaching and non-teaching staff during the year**

23

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**

287



File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</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

A robust internal audit process is currently in operation, which enables the implementation of all necessary procedures to support the institution's financial, strategic, and academic objectives. Qualified and experienced human resources are employed in the finance department. It evaluates the efficacy of internal financial management with the support of the Head of Department, Deans, and faculty members. It is responsible for the internal audit work. The internal audit team guarantees that there are adequate procedures in place to verify day to day operation, confirmation, verification of documents and assess the financial statement and bank details.

External Statutory Auditors are responsible for conducting external audits. They submit reports that include any observations or objections if any. The finance section, internal audit team, and relevant committee of the institution evaluate the objections and the compliance report will be closed by the audit team. It is noteworthy that the institution does not have any outstanding irregularities or objections. Within the finance department of the institution, the audit mechanisms function as a resilient system for the assessment and improvement on financial controls. This fosters a culture of continuous improvement and guarantees adherence to regulatory standards.

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

##### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

18.18

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institution's objectives and goals are the primary focus of the resource mobilisation policy, which emphasises transparency and accountability. The unified learner-centric ecosystem and humanistic service environment are created and maintained by the harmonised structure, which monitors and ensures the optimal level of fund utilisation.

##### Resource Mobilization

The primary funding is derived from student fees, in accordance with the guidelines of the affiliating university. The government's policies are transparently communicated, and the institution's funds are mobilised to ensure its effective operation. The sources of mobilizing funds are

1. Tuition fees

2. Hostel fees

3. Mess fees

4. Exam fees

5, Transport fees

- Grants received from Government and Non Government funding agencies for research, consultancy and development activities.
- Payment of salary for staff, recurring and non-recurring expenses.
- Funds are allotted for enhancement of infrastructure, TL

process, refresher programmes, orientation sessions, induction & training, workshops, seminars and research.

- Budget is utilized to meet day to day operations, capital, maintenance and fixed assets, green initiatives and energy saving equipment .
- Augmentation of resources for social service activities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

During the academic year 2023-24, the IQAC played a pivotal role in driving continuous improvement and ensuring quality across various initiatives. Two major achievements underscore the institution's commitment to excellence:

1. **EOMS Certification (ISO 21001:2018):** Sri Sai Ram Engineering College earned the distinction of being the first institution in Tamil Nadu to receive the Educational Organization Management System (EOMS) certification from the Bureau of Indian Standards (BIS). The certification license was awarded on 12th October 2023, with validity until 11th October 2026. The recognition was celebrated during the BIS Standards Day, marking a significant milestone in the institution's journey toward quality management in education.
2. **QS I GAUGE Certification:** Following a rigorous evaluation process and meticulous data submission, the institution achieved the prestigious QS I GAUGE Diamond Badge. This certification, valid until November 2025, reflects the institution's exceptional performance across parameters

such as teaching quality, research, employability, and inclusivity.

Both initiatives demonstrate the institution's dedication to operational excellence, learner-centered education, and alignment with global quality benchmarks. By fostering systematic evaluation, transparency, and continuous improvement, these certifications strengthen the institution's credibility and position it as a leader in higher education.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution adopts a systematic approach to reviewing its teaching-learning processes, operational structures, and learning outcomes through its Internal Quality Assurance Cell (IQAC). These reviews are conducted at periodic intervals in adherence to established norms, ensuring alignment with academic and institutional goals.

The IQAC regularly monitors the effectiveness of teaching methodologies and learning outcomes through feedback from stakeholders such as students, faculty, alumni and industry representatives. This feedback is analyzed to identify areas for improvement and to implement innovative teaching strategies, including the integration of technology, collaborative learning, and outcome-based education practices.

Periodic academic audits and review meetings are held to evaluate curriculum delivery, faculty performance, and student progress. These reviews also focus on assessing the attainment of course and program outcomes, ensuring that learning objectives are met effectively.

The IQAC promotes continuous professional development for faculty by organizing training programs, workshops, and seminars to enhance teaching quality. It also ensures that methodologies are updated to meet changing academic and industry standards.

By systematically evaluating and improving its processes, the institution fosters a culture of excellence, ensuring that its academic practices remain student-centered, effective, and aligned with global education standards.

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

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/Annual-Report-2023-24.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/Annual-Report-2023-24.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 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

The Sai Ram institution is committed to promoting gender equity and empowering women by fostering an inclusive environment that supports the growth of all members. We organized various programs, seminars, and workshops focused on raising awareness about gender equality. Special initiatives like "MSME Idea

Hackathon 3.0 for Women Innovators", "Awareness Program on Women Health Care," "SHE FEST 3.0 - showcase talents ," and "IEEE WIE DAY 2024 - educate against women violence. The institution celebrates Women's Day annually to honor women and recognize their achievements. It ensures gender equality in leadership, with many departments led by women. The WOWWW Club, dedicated to female students and faculty, promotes awareness of women's empowerment. The college follows policies and guidelines that promote gender equality and address discrimination, harassment, and violence based on gender. In addition, provides support services like counseling and career guidance to empower female students. This comprehensive approach demonstrates the institution's commitment to creating a safe, inclusive, and supportive environment for women.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/7.1.1%E2%80%93Gender-Equity-promotion-programmes-organized-by-the-institution-during-the-year-2023-2024.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/7.1.1%E2%80%93Gender-Equity-promotion-programmes-organized-by-the-institution-during-the-year-2023-2024.pdf</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment</b>	<b>A. Any 4 or All of the above</b>
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File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Sai Ram Institution follows an effective waste management policy to minimize environmental waste, promote community well-being, and conserve ecosystems. The primary environmental objectives include achieving zero waste discharge by reducing waste and maximizing recycling to conserve resources. Faculty and students are encouraged to adopt the 4Rs: Reduce, Reuse, Recycle, and

Recover.

**Solid Waste Management:** The campus promotes sustainability through a clean and green environment. Three color-coded bins are used for biodegradable, biohazardous, and non-biodegradable waste. Around 200 kg of waste is collected daily and segregated for proper disposal. Organic waste is composted, floral waste is converted into incense products, and recyclable materials like PET bottles are sent to vendors.

**Liquid Waste Management:** Kitchen and toilet wastewater are diverted to biogas plants, reducing LPG usage and producing organic manure. Treated Reverse Osmosis wastewater is reused for gardening and vehicle washing.

**E-Waste Management:** The licensed recycler collects lab e-waste, reused, or donated whenever possible. Useful computers, monitors, and printers are kept, while broken ones are trashed. Campus e-waste is collected every year by the CII SaiRam Young Indians Club

**Hazardous Waste Management:** Hazardous chemicals from labs and RO processes are safely disposed of through vendors. The campus is free of radioactive waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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
Geotagged 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**

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

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<b>No File Uploaded</b>

### 7.1.6 - Quality audits on environment and energy undertaken by the institution

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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>

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>

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

**Sri Sai Ram Engineering College emphasizes understanding India's diverse cultural, geographical, linguistic, and socioeconomic richness. The college celebrates regional and cultural holidays to foster harmony and tolerance among students and faculty. National events such as Republic Day, Independence Day, and**

International Yoga Day are observed, while International Women's Day on March 8, 2024, highlights women's achievements and gender equality. Ayudha Pooja on October 10, 2024, united the campus in a vibrant spiritual celebration. The institution integrates universal human values like peace, compassion, and tolerance into its curriculum to nurture socially responsible individuals. Initiatives like Bharat Scouts & Guides, launched on April 20, 2024, and NSS and NCC activities, including bicycle rallies, drug abuse awareness, and tree plantations, promote community service and leadership. A Blood Donation Camp on February 26, 2024, further encouraged societal contribution. Humanitarian efforts include aiding flood victims in Tambaram and implementing transformative projects like the Rural Solar Electrification Station with IEEE HAC/SIGHT funding of \$4,000 (?3,28,720) to supply power during crises. The Hygiene Hydro Project in Poonthandalam provides clean drinking water to villagers, marking a major milestone in community welfare. These initiatives underscore the college's commitment to societal progress and sustainable development.

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>

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

Sri Sairam Engineering College actively fosters the values enshrined in the Constitution of India to shape students into responsible citizens. A mandatory course titled "Constitution of India" is included in the curriculum for third-semester students, enabling them to understand their roles and responsibilities as citizens. The college organizes events such as Independence Day, Republic Day, and Constitution Day annually, instilling patriotism and appreciation for the nation's freedom and democracy. The institution emphasizes environmental responsibility through initiatives like the Plantation Program, aimed at nurturing environmentally conscious citizens. Activities such as tree plantation drives, coastal clean-ups, disaster management and fire safety training, blood donation camps, and rallies aligned with the Sustainable Development Goals (SDGs) are regularly conducted to promote social welfare and community engagement. On August 15, 2023, the college commemorated India's

76th Independence Day by honoring the sacrifices of freedom fighters and unveiling a plaque to mark the occasion, reinforcing the significance of their struggles in shaping the nation.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Sri Sairam Engineering College actively celebrates national and international days to highlight values like freedom, democracy, peace, cultural heritage, and scientific achievements. The college observes India's national holidays—Republic Day, Independence Day, and Gandhi Jayanti—with respect and patriotism, reflecting its dedication to national values. International Women's Day on March 8th honours women's contributions, while

International Yoga Day on June 21st promotes health through yoga. Teachers' Day on September 5th commemorates Dr. Sarvepalli Radhakrishnan, celebrating educators' pivotal role in society. National Engineer's Day on September 15th pays tribute to Sir Mokshagundam Visvesvaraya, inspiring innovation in engineering. National Science Day honours Sir C.V. Raman's contributions and fosters scientific curiosity. The college also celebrates cultural traditions like Pongal and Saraswathi Pooja, emphasizing community and heritage. Through these events, the college nurtures a holistic, value-driven environment, encouraging students to embrace heritage and contribute meaningfully to society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice - 1: Faculty and Student immersion Programme

The practice aims to engage first-year students in tackling real-world challenges through innovation, problem-solving, environmental exploration, and sustainable development solutions. The program involves two-day immersion at an organization focused on supporting rural communities and startups. Students work together to address challenges related to sustainable development through collaboration, creativity, and problem-solving. Following the immersion, students participate in ideathon sessions to propose solutions for the 17 SDGs, the best ideas receiving awards and being developed into live-in-lab projects. This initiative enhances creativity, teamwork, leadership, and problem-solving skills. Key challenges included ensuring student participation, managing logistics, and coordinating faculty support during the immersion.

### Best Practice - 2 : Intellectual Property Rights Cell

The practice aims to support intellectual property (IP) identification and protection, foster innovation, and assist startups with IP management. Faced with challenges in IP awareness and protection, the institution implemented IPR workshops and clinics to guide students on patent filing. Success is reflected in improved NIRF ranking, ownership and protection of student IP, and around 100 patents filed annually. Key challenges include the need for dedicated space for IP clinic and full-time faculty to assist students with the technical paper writing process.

File Description	Documents
Best practices in the Institutional website	<a href="https://sairam.edu.in/wp-content/uploads/2018/08/BEST-PRACTICES-23-24.pdf">https://sairam.edu.in/wp-content/uploads/2018/08/BEST-PRACTICES-23-24.pdf</a>
Any other relevant information	<a href="https://sairam.edu.in/wp-content/uploads/2024/12/BEST-PRACTICE-SUPPORTIVE-DOCUMENT.pdf">https://sairam.edu.in/wp-content/uploads/2024/12/BEST-PRACTICE-SUPPORTIVE-DOCUMENT.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The IEEE Student Branch (SB) at Sri Sairam Engineering College, established in 2006, is a vibrant chapter with a rich history of achievements, aligning its initiatives with NIRF parameters for academic and professional excellence. With 1,840 student members and 347 professional members (2023-2024), it is among the largest branches in the Chennai Zone, actively participating in 42 Student Branch Chapters (SBCs) like Signal Processing Society, Photonics Society, Control Systems Society and Women in Engineering (WIE). The branch has earned prestigious awards, including the Top Recruiter Award (2014), Darrel Chong Gold Award (2015), and High Performance PES Chapter Award (since 2015). Collaborating with the IEEE Madras Section, it has facilitated international and national events, securing \$40,000 for impactful student-led projects through SIGHT and EPICS proposals. Highlights include organizing international conferences like IC3IOT 2024, conducting the FIVETHON Bootcamp for 500+ school students, and hosting events such as IEEE Day and Techninja. It has elevated 70+ faculty members to Senior Member status and secured \$7,500 in travel grants and professional development workshops. Numerous awards for outstanding volunteer

contributions underscore its dedication to fostering innovation, professional growth, and community engagement, creating a global impact.

File Description	Documents
Appropriate link in the institutional website	<a href="https://sairam.edu.in/wp-content/uploads/2018/08/INSTITUTIONAL-DISTINCTIVENESS-23-24.pdf">https://sairam.edu.in/wp-content/uploads/2018/08/INSTITUTIONAL-DISTINCTIVENESS-23-24.pdf</a>
Any other relevant information	<a href="#">View File</a>

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

1. To improve NIRF Ranking
2. To improve NIRF Innovation category Ranking
3. To apply NIRF SDG Ranking
4. Implementation of SDG through SCOUTS
5. To get SCOUTS accreditation
6. To get AAA Rating from Swayam NPTEL
7. To strengthen the student projects through Innovation Eco System .
8. To increase the number of Quality Patents and Grants
9. To increase the number of publications in peer reviewed quality journals
10. To get ISO Certificate for SAIRAM IEEE
11. To apply National Board of Accreditation for all the eligible programmes
12. To apply for new programmes in emerging areas.
13. To get ready for second cycle of NAAC.
14. To improve core company placements