YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	**SRI SAI RAM ENGINEERING COLLEGE (AUTONOMOUS)**
• Name of the Head of the institution	**DR K PORKUMARAN**
• Designation	**PRINCIPAL**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**04422512222**
• Alternate phone No.	**04422512223**
• Mobile No. (Principal)	**9677065557**
• Registered e-mail ID (Principal)	**sairam@sairam.edu.in**
• Address	**SAI LEO NAGAR, POONTHANDALAM VILLAGE, WEST TAMBARAM, CHENNAI – 600044**
• City/Town	**KANCHEEPURAM**
• State/UT	**TAMIL NADU**
• Pin Code	**600044**

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	**26/09/2019**
• Type of Institution	**Co-education**
• Location	**Rural**
• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**DR K PARVATHAM**
• Phone No.	**04422512222**
• Mobile No:	**7845127999**
• IQAC e-mail ID	**iqacsec@sairam.edu.in, sairam@sairam.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)	**https://sairam.edu.in/wp-content/uploads/2018/08/AQAR_REVISED_2020-2021_28.10.2022.pdf**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://sairam.edu.in/academic-calendar/**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A+**	**3.37**	**2018**	**02/11/2018**	**01/11/2023**

6.Date of Establishment of IQAC	**12/04/2012**

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.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount

Institution (IQAC)	NAAC SPONSORED SEMINAR	NAAC	04/09/2021	30000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	**View File**

9.No. of IQAC meetings held during the year	3

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes

10.Did IQAC receive funding from any funding agency to support its activities during the year?	Yes

• If yes, mention the amount	30000

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

organized a one day National level seminar on " NEP 2020 implementation using Change Management concepts in Higher Educational Institutes" in collaboration with NAAC.

Conducted an awareness workshop on QS I- GAUGE college ratings as an initiation to apply for QS I GAUGE ratings.

Ranked 68 across India in the Green Institutional ranking 2022

Experiential learning through Live-in-Labs

Launch of Innovation Eco System Portal

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
Introduction of new programs in thrust areas	For M.Tech. Defence Technology , B.E CSE (AI&ML), B.E CSE (IoT) approval sanctioned from AICTE and ANNA University. Programs

	will be introduced from academic year 2022-23.
Increase in intake for the existing programs	Sanctioned intake for AI&DS from 120 to 180, CSBS from 60 to120 and MBA from 120 to 180.
Participation in NIRF 2022	Ranked 157 among the Engineering category
Participation in AICTE Lilavati Award	Award received for outstanding work towards women empowerment under the subtheme ENTREPRENEURSHIP
Participation in Green institutional ranking	Ranked 68 in India along the Green Institutional rankings 2022
Strengthening the collaboration with Industry and academia for research, Internships, consultancy and Innovation	MoU signed with Coimbatore Industrial Infrastructure Association (COINDIA), Thirumudivakkam Industrial Estate Manufactures Association(TIEMA), National Institute of Technical Teachers Training and Research (NITTTR), TESSOLVE, National Highways Authority of India (NHAI), SUR University College, OMAN , IITM Incubation cell-LEAP.
Pedagogical training for faculty members	Faculty registered and completed at least four of the eight modules offered by NITTT
IEEE Membership drive for faculty and students	273 faculty members and 345 students are members of IEEE and 28 IEEE societies are active
Implementation of UN Sustainable development goals	An Innovation Eco System is formed from collection of ideas to developing a product. All ideas are mapped to any one of the 17 SDG. Successful conduct of Ideathon 2.0 and Solvethon 1.0
To explore experiential learning and collaborative learning	Certifications through IIT Bombay spoken tutorial nodal research centre and Virtual lab nodal centre Live in lab in the curriculum for all programs. Conduct of Internal Hackathons, Participation in Smart India Hackathon (SIH) and iDEX prime (Innovations for Defence Excellence). IDEX DISC 6 & 7
Sri Sairam Techno Incubator Foundation established in our Institution	77 Innovative Projects initiated through Start-ups
Techno Raise Private Limited startup	Training in product development organized by this company for our students

established in our Institution	
Introduction of Change Management Concepts	Sairam RAISE (Realise, Aspire, Intelligence, Strive, Enforcement) model implemented and Four faculty members were sponsored for ProSci Change Management training
ISO recertification audit	ISO 9001:2015 Recertification recertification remote audit conducted on 6th December,2021.

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
25th IQAC Meeting	22/09/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022	28/02/2022

15.Multidisciplinary / interdisciplinary

In our Autonomous Curriculum, few of the courses are introduced based on interdisciplinary approach. For multidisciplinary electives, streamwise grouping of Professional Electives carried out. An Innovation Eco System encourages multidisciplinary and interdisciplinary projects and ensures the active participation of the students in various activities.E-Baja, Smart India Hackathon, Defense Hackathon and other national and international hackathons are few initiatives to promote Multidisciplinary / interdisciplinary approach in view of NEP 2020.Sairam Techno Incubation Foundation, is explicitly established to engage more multidisciplinary research..AICTE IDEA Lab scheme is another path through which students are getting encouraged to do multidisciplinary projects relevant to the society.Multiple good practices are initiated by the institution to promote multidisciplinary and interdisciplinary approach in view of NEP 2020.One such initiative is in line with the NEP 2020 is introduction of PGPA to monitor and evaluate their academic excellence and other skills .Another initiative is the innovation ecosystem. Sairam Innovation Ecosystem is a comprehensive well-crafted program that encourages indigenous student innovations along with lending support for setting up start-ups and

incubations. The program is implemented in four stages namely Immersion Program (generation of idea) at the I Year, Live-in-Lab (Checking the feasibility and enhancing the ideas) at the II Year, Mini Project (prototype development and its testing) at III Year and Project Development (development of final product, filing of patent as applicable and setting up of Start-ups) at the final year.

16. Academic bank of credits (ABC):

Our institution has registered in www.abc.gov.in.The institution adopted various schemes for the implementation of Academic Bank of Credits in view of NEP 2020. One of such initiations is Sairam Artificial Intelligent Learning (SAIL) platform. SAIL Student is India's First AI-Powered Learning and Career Companion for Sri Sairam Group students. Using the power of Knowledge Graph and AI, we personalize and optimize learning for every student to reach their fullest potential. All students and faculty members have equal access to full utilization of the SAIL platform.NPTEL is another platform through which the ABC scheme can be initiated. Bachelor degree with honors is applicable for autonomous curriculum. Students need an extra 20 credits to get honors degree which can be earned through NPTEL domain specific courses. About Us NPTEL (National Programme on Technology Enhanced Learning), is a joint venture of the IITs and IISc, funded by the Ministry of Education (MoE) Government of India, and was launched in 2003. Initially started as a project to take quality education to all corners of the country, NPTEL now offers close to 600+ courses for certification every semester in about 22 disciplines.All India Council for Technical Education AICTE-SLA (PARAKH) project has been designed to measure the benchmark levels and gains in academic and higher-order thinking skills of students and faculties to understand the various factors that affect skill development in Technical Institutes across India. Our institution adopted this scheme and 4338 students are imported and out of them 3356 students are assigned assignments.

17. Skill development:

There is an active Skill Development Club and many activities are conducted on enhancing the technical and soft skills of our students. Skill enhancement training through training and placement cell is given for all the students during every semester for 45 hours. Domain specific skill development courses are included in the curriculam and syllabus. Skill rack - A seperate platform is given to all our students to develop the coding skills of our students to enhance their placement opportunity.The institution is offering 7 credits of skill enhancement courses out of 170 total credits from first semester onwards. The skill enhancement course is designed in

such a way that each program can be benefited. First three units of the skill enhancement course are common for all Programmes whereas the last two units are program specific skills such as PCB Design skill for Circuit branch students and mobile application development for program branch students. The institution is planning for new vocational courses in association with different schemes like AICTE IDEA Lab.The institution is planning for engaging the services of industry veterans and master crafts persons to provide vocational skills and overcome gaps. In this regard, the institution signed various Memorandum of Understanding with TIMA, AIEMA, different industrial estates of Thirumudivakkam, Ambattur respectively."AMCAT" assessment platform is used by all students to get practice in Six different areas like Writex (English), Logical, Quants, (Aptitude), Automata Fix (Debugging), Automata (Coding), SVAR (Speech Voice Adaptive Rating).

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

Students are encouraged to apply for internships and projects based on Indian Knowledge System. To impart the importance of Indian culture and ethical values and human values most of our faculty members undergone the Government inititiave of Universal Human Values course.All the courses in our institution are taught in Indian languages and bilingually.The faculty members of our institution are well versed to deliver training in bilingual mode. Many of the faculty members are engaged in various translation schemes of NPTEL, AICTE, MHRD to convert study materials from English to Native language.We have multiple clubs and cells in our institution such as Techno Culture Club, Automobile Club, Code Club, Cyber Club, Disaster Management & Safety Club, ECO and Swacch Bharath, ENSAV Club, English Language & Literature club, Foreign Language Club ,Fine arts Association, Health & Yoga Club, M-Apps Club, Math Club, Photography Club, Robotics Club, Rotaract Club, Science club, Skill development Club, Sai Muthamizh Mandram, Red Ribbon Club, Entrepreneurship Cell, Higher Education Cell, NCC, NSS, WoWWW cell, YRC and intellectual Property Rights (IPR) CELL. Indian languages are taken care of by Sai Muthamizh Mandram, English Language & Literature club. It is necessary to retain the knowledge system of India. India is very famous for traditional dance, music, sports, and medicine.Fine arts Association is functioning to illustrate the impotance of Indian arts In our campus, we have siddha, ayurveda medical college to preserve traditional Indian medicine knowledge. We have planned to add traditional sports to our curriculum.

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

Most of the departments are accredited by National Board of Accreditation (NBA), the process of OBE is followed diligently in our institution. Our institution included various value-added courses, skill enhancement courses, internships and theory integrated laboratory courses in the curriculum. Professional and

Open elective courses are playing vital role for Outcome Based
Education.One such initiative is in line with the NEP 2020, it is
the responsibility of a HEI to develop the learners in a holistic
manner and give back the society a good citizen. So, every student
admitted into the Sairam Institutions shall be given many
opportunities to enhance their knowledge and skills. To monitor and
evaluate their academic excellence and their skills the following
guidelines have been evolved. The students are given a credit based
on their performance and named as PGPA. The evaluation includes 10
components including academic GPA.The efforts made by the
institution to strengthen vocational education are AMCAT and SAIL
platforms. SAIL Student is India's First AI-Powered Learning and
Career Companion for Sri Sairam Group Students. Using the power of
Knowledge Graph and AI, we personalize and optimize learning for
every student to reach their fullest potential to attain outcome
based education. AICTE IDEA Lab scheme is another path through which
students are getting encouraged for enriching OBE by contributing
projects relevant to the society.and nation.

20.Distance education/online education:

The process of Distance Education and online education will be
introduced in a near future.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	19

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	4661

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	1044

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	4589

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	894

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	383

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	383

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	671
4.2 Total number of Classrooms and Seminar halls	134
4.3 Total number of computers on campus for academic purposes	1590
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	3037.12465

	Part B

CURRICULAR ASPECTS
1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional ar Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes of

Sri Sairam Engineering College is an Autonomous Institution affiliated
local, regional, national and global development needs. The curriculum
lab components, Laboratory courses, Human Valuesand Employability Enhan
considering the feedback from various stakeholders such as Academic,Ind

PEOs, POs, PSOs and Course Outcomes are drafted to apply Outcome Based
education along with improved learning outcomes.

Mandatory Internship andNon-credit Courses such as Value Education, Yog
Traditional, Stress Management and Personality Development through Life
Activity Programme Points is carried under the nomenclature SAIRAM SAP.

An Innovation based learning program titled Live-in-Labs as well as ski
Besides curriculum, students' skills are also updated by various value
have been trained not only for his/her relevant professional fields but
professional.

File Description	Documents
Upload additional information, if any	
Link for additional information	

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

17

File Description
Minutes of relevant Academic Council/BOS meeting
Details of syllabus revision during the year
Any additional information

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development c

79

File Description
Curriculum / Syllabus of such courses
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses
MoUs with relevant organizations for these courses, if any
Any additional information

1.2 - Academic Flexibility

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

77

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

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

20

File Description
Minutes of relevant Academic Council/BoS meetings
Any additional information
List of Add on /Certificate programs (Data Template)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human

The cross cutting issues relevant to Professional Ethics, Environment a policy of the institution and has a set of courses imbibed in the curri participation from students and faculty.The sustainable development goa students are encouraged to undertake activities pertaining to the same students are required to map the activities with relevance to theSDG ta students who excel in Academics, Extracurricular and Cocurricular activ arranged every year. Regular Blood donation camps are conducted in asso Disaster Management and Safety club flings into action and helps out th

The Institute is committed to contribute towards the implementation of harvesting. Active tree planting campaigns improve the ecosystem in the panels,has Bio waste treatment units to keep the campus and its environ

File Description
Upload the list and description of the courses which address issues related to Gender, Environment curriculum
Any additional information

1.3.2 - Number of value-added courses for imparting transferable and life skills offered dur

22

File Description
List of value-added courses
Brochure or any other document relating to value-added courses
Any additional information

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

1599

File Description
List of students enrolled
Any additional information

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

1831

File Description
List of programmes and number of students undertaking field projects / internships / student proje
Any additional information

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. A

File Description
Provide the URL for stakeholders' feedback report
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate
Any additional information

1.4.2 - The feedback system of the Institution comprises the following	A. F on t

File Description	Documents
Provide URL for stakeholders' feedback report	
Any additional information	

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

1460

File Description
Any additional information
Institutional data in prescribed format

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as

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1264
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File Description
Any additional information
Number of seats filled against seats reserved (Data Template)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for b

The Institution identifies the slow and advanced learners by assessing
end semester examinations and class-room discussions and also by mentor
difficulty in academics due to lack of self-motivation and grasping pow
the respective mentors to increase the self-confidence. They are given
counselling and coaching classes. In addition to conducting problem sol
and motivational lectures are also arranged. The advanced learners are
industrial and research organizations.They are given the opportunity to
are encouraged to attend the conferences, seminars, workshops,Hackathon
competitions. The advanced learners can impart their ideas by building
members guide the students personally and they are encouraged to discus
competent and self-confident to face the exams and thereby persuading t

File Description	Documents
Upload any additional information	
Paste link for additional information	**http** **content/uploads/2021/12/2.2.1%20Pr**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students
31/05/2022	4661

File Description
Upload any additional information

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and proble

The curriculum is framed with the inputs and suggestions from various s
learning. Student –centric learning is nurtured by providing an ICT ena
platform for students to develop their contemporary skills and ethics t
imparts the following experiential learning practices namely, Live in l
Swayam portals, Centre for Teaching Learning- EDUSAT, Virtual Lab, Spok
Artificial Intelligence Learning App) Internship programs and industri
eYantra, CISCO networking academy, Cyber security center, IOT research
students to enhance experiential learningin socio-cultural values. Coll
experience in sharing knowledge. Students are encouraged to find out th

hackathon and field/industrial projects. Skill rack platform is availab
exposure to coding and computer programming.

File Description	Documents
Upload any additional information	
Link for additional Information	**https://s**

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

The Institution provides an e-learning atmosphere in addition to the ph
enabled learning tools such as PPT, videos, audio system and online res
and practical learning .The faculty imparts knowledge through collabora
group discussions, assignments, quiz, class tests and laboratory sessio
rooms. A full-fledged Digital Library with ample resources for learning
learners.E-books and e-journals are shared with the students to enhance
is further enhanced by providing digital content in all the subjects an
Conference rooms are digitally equipped where guest lectures, expert ta
students. Online quizzes are also posted in the Google Classrooms by th

File Description	Docu
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	
Upload any additional information	

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

2.3.3.1 - Number of mentors

311

File Description
Upload year-wise number of students enrolled and full-time teachers on roll
Circulars with regard to assigning mentors to mentees

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

The institutional academic calendar contains plans for curricular and c
laboratory practical, end semester examination, co-curricular activitie
extracurricular activities. The detailed lesson plan/teaching methodolo
start of the semester based on the academic calendar. The laboratory Sc
details are specified in laboratory schedule. Time Table of regular lec
the notice board and website. Any minor changes in academic calendar wh
done by the authorities of the institution. The department's advisory b
adherence of the academic calendar. The committee members suggest numbe
curricular activities.

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

2.4 - Teacher Profile and Quality

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

383

File Description
Year-wise full-time teachers and sanctioned posts for the year
List of the faculty members authenticated by the Head of HEI
Any additional information

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc /

135

File Description
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Li
Any additional information

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time te

3254

File Description
List of teachers including their PAN, designation, Department and details of their experience
Any additional information

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the c

30

File Description
List of Programmes and the date of last semester-end / year-end examinations and the date of dec
Any additional information

2.5.2 - Number of students' complaints/grievances against evaluation against the total num

11

File Description
Upload the number of complaints and total number of students who appeared for exams during the
Upload any additional information

2.5.3 - IT integration and reforms in the examination procedures and processes including Conti
Examination Management System (EMS) of the Institution

The office of the Controller of Examinations incorporated Information T of marks, Grade, Percentage and Cumulative Grade Point Average (CGPA), based examinations were also introduced for skill enhancement courses o examinations were conducted through online and offline mode. The Examin conduct of examinations through online mode. The online process of eval also been provided access to view their overall marks of the academic p can also view all the notices and circulars pertaining to the matters r Controller of Examinations through college website.

File Description
Upload any additional information
Paste link for additional Information

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution students

Programme outcomes foster attainment of program educational objectives. describe knowledge or skills that students achieve upon completion of t outcomes assessment is to demonstrate mastery of knowledge or skills in accumulation of essential learning that takes place over the duration o skills the student obtains at the end of each course and outlines the p Outcomes (POs) and Course Outcomes are exhibited and communicated to th processes. After the approval of the Department Advisory Board, Board o Institute website. POs are displayed in the classrooms, staffrooms and library and laboratories. POs are included in the students mentor books prescribed in the curriculum the course outcomes are framed by the corr outcomes with programme outcomes are further derived by the experts and the objectives and lesson plan are then issued to the students and brie respective subject handling staff.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	
Upload any additional information	
Link for additional Information	**https://sairam.edu.in**

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

Students' progress and learning outcomes are monitored through continuo lab projects/assignments. Three continuous assessments are conducted fo reviewed.Result analysis meeting are conducted at the end of every CAT feedback is collected on teaching learning process.Determining the gap major tools in PO attainment. The process of attainment of COs, POs and Taxonomy for each course. Then, a correlation is established between CO mapping matrix of COs – POs and COs - PSOs are prepared for all the cou level CO-PO Matrix and CO – PSO Matrix. Some of the Direct CO assessmen

and III ,Assignments End semester exams .Course Exit survey is also col
assigned to each of above tools to measure the attainment.

File Description	Documents
Upload any additional information	
Paste link for additional Information	**https://sairam.edu.in/wp-conte**

2.6.3 - Pass Percentage of students

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

1044

File Description
Upload list of Programmes and number of students appear for and passed in the final year examina
Upload any additional information
Paste link for the annual report

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution m weblink

**https://sairam.edu.in/wp-content/uploads/2021/12/2.7.1-Student-satisfac
Institution-1-12.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 p implemented

Sri Sai Ram Engineering College creates a conducive environment for res
infrastructure and research facilities. Research cluster has been estab
in all the contemporary domains. Funded and sponsored projects are subm
government and non government agencies. Seed Money is also provided to
IPR Cell of the institute conducts various programs for increasingmore
publish their research papers in International Conferences abroad. The
articles/papers in high-impact indexed journals. Also, faculty are moti
academic and research institutions in India and abroad.

File Description
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research
Provide URL of policy document on promotion of research uploaded on the website
Any additional information

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 yea

29.11

File Description
Minutes of the relevant bodies of the institution regarding seed money
Budget and expenditure statements signed by the Finance Officer indicating seed money provided a
List of teachers receiving grant and details of grant received
Any additional information

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for adv

2

File Description
e-copies of the award letters of the teachers
List of teachers and details of their international fellowship(s)
Any additional information

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research pro

412.5

File Description
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/
List of projects and grant details
Any additional information

3.2.2 - Number of teachers having research projects during the year

98

File Description
Upload any additional information
Paste link for additional Information
List of research projects during the year

3.2.3 - Number of teachers recognised as research guides

33

File Description
Upload copies of the letter of the university recognizing teachers as research guides
Institutional data in Prescribed format

3.2.4 - Number of departments having research projects funded by Government and Non-G

11

File Description
Supporting document from Funding Agencies
Paste link to funding agencies' website
Any additional information

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowl
orientation, incubation, etc.

The institution is functioning with a specific vision to enable the lea
complete engineers who will bring new levels of creativity, design thin
ecosystem with required infrastructure, enables students and faculty to
through the following well defined phases namely, Sairam SDG Ideathon,
Inspireathon. Sairam Institutions has designed and developed the above

Entrepreneurship Development Cell is functioning with a focus of promot
various awareness programs for the students by alumni entrepreneurs and
seminars and workshops on drafting and filing of patents and copyrights
faculty members' intellectual property awareness.

Sairam Techno Incubation Foundation which is inside the college with a
promotion of technology incubation/ technology transfer by involving st
for above research projects Seed funds are being provided by our manage

File Description	Documents
Upload any additional information	
Paste link for additional information	

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Pr

103

File Description
Report of the events
List of workshops/seminars conducted during the year
Any additional information

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. A

File Description
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and l plagiarism check
Any additional information

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard the year

3.4.2.1 - Number of PhD students registered during the year

24

File Description
URL to the research page on HEI website
List of PhD scholars and details like name of the guide, title of thesis, and year of registration
Any additional information

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website d

71

File Description
List of research papers by title, author, department, and year of publication
Any additional information

3.4.4 - Number of books and chapters in edited volumes / books published per teacher duri

84

File Description
Upload any additional information
Paste link for additional information

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in

3.4.5.1 - Total number of Citations in Scopus during the year

948

File Description
Any additional information
Bibliometrics of the publications during the year

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science -

3.4.6.1 - h-index of Scopus during the year

42

File Description
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution
Any additional information

3.5 - Consultancy

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

6.2

File Description
Audited statements of accounts indicating the revenue generated through consultancy and corpora
List of consultants and revenue generated by them
Any additional information

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project st

4,00,000.00

File Description
Audited statements of accounts indicating the expenditure incurred on developing facilities and tra
List of training programmes, teachers and staff trained for undertaking consultancy
List of facilities and staff available for undertaking consultancy
Any additional information

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues

The college organizes a number of extension activities to promote insti
community needs. The students of our college actively participate in so
National Service Scheme and National Cadet Corps Units. Through these u
the neighbourhood community. NSS organizes a residential seven day camp
carried out by NSS volunteers which include Cyclothon Event, Free Eye S
Preserving Water Bodies and Tree Plantation, World Water Day Awareness
Psychological Counseling and Helper Skills, Tobacco Day Awareness etc.
the campaign to make awareness about Sustainable Development Goals'(SDG
college organizes various extension activities as tree plantation, Crea
covid-19 vaccination, Ek Bharat Shrestha Bharat (EBSB) camp, Slogan Com
activities have positive impact on the students and it developed studen
of students.

File Description
Upload any additional information

Paste link for additional information

3.6.2 - Number of awards and recognition received by the Institution, its teachers and stud bodies during the year

52

File Description
Number of awards for extension activities in during the year
e-copy of the award letters
Any additional information

3.6.3 - Number of extension and outreach programmes conducted by the institution throug initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and

102

File Description
Reports of the events organized
Any additional information

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

4854

File Description
Reports of the events
Any additional information

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ s

63

File Description
Copies of documents highlighting collaboration
Any additional information

3.7.2 - Number of functional MoUs with institutions of national and/or international importa (only functional MoUs with ongoing activities to be considered)

55

File Description
e-copies of the MoUs with institution/ industry/ corporate house
Details of functional MoUs with institutions of national, international importance, other institution:

Any additional information

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning,

The vision of the college is to constantly improve the student's learni
with the prestigious institutions of India.

The campus is spread over an area of 24 acres with buildings of high-st
laboratories, auditorium, smart classrooms, Digital library, R& D cell,
stadiums etc…

Facility

Total Number

Total Area in Sq.m

Class Rooms

112

9433 Sq.m

Tutorial Room UG

32

1429 Sq.m

Tutorial Room PG

15

756 Sq.m

Labs

110

10070 Sq.m

Seminar Halls

15

2659 Sq.m

Smart Class Rooms

2

334 Sq.m

Auditorium

 1. Shri Leo Muthu Stadium
 2. Sigma Auditorium
 3. Open Air Auditorium

1 (Seating Capacity 8500)

1 (Seating Capacity 1200)

1 (Seating Capacity 1500)

20849 Sq.m

1217 Sq.m

1485 Sq.m

Video Conferencing Room

(SSR & VRR Hall)

2 (Each 283 Sq.m)

Seating Capacity – 300

566 Sq.m

Alpha, Beta, Gamma Hall

(Hands on Training/Smart Class Room)

3 (Each 168 Sq.m)

Seating Capacity – 160

504 Sq.m

Hands on Training

1

335 Sq.m

Steve Jobs Hall (Training Centre)

1

450 Sq.m

Shri Lakshmi Board Room

1

150 Sq.m

Training Hall-D Block

1

241 Sq.m

Incubation Centre

1

2680 Sq.m

Workshop

5

1294 Sq.m

Additional Workshop

14

3647 Sq.m

Drawing Hall

3

504 Sq.m

Research Lab

8

799 Sq.m

Computer Centre

3

865 Sq.m

Central Library

1

7749 Sq.m

Faculty , HOD, Dean & Director Room

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--
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1697 Sq.m

File Description
Upload any additional information
Paste link for additional information

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (in

Sports Facilities have been established for various games inclusive of focus of the institute in providing extra-curricular activities to the NSS, NCC and YRC.

S. No

Sports/Indoor or Outdoor Games/Gym/Cultural Activities/Yoga

Number of Courts

Area

Size

Year of Establishment

User Rate

Remarks

1.

Volleyball (alternatively used)

4

2400 Sq.m

162 Sq.m

2002

82%

1. Utilized as & when required

2. Maintained in the requisite condition

2.

Basketball

2

2400 Sq.m

960 Sq.m

2002

70%

-do-

3.

Ball-Badminton (alternatively used)

4

2400 Sq.m

13.42'X 19.52'

2002

70%

-do-

4.

Throwball

1

2400 Sq.m

12'x18.50'

2002

65%

-do-

5.

Cricket Nets

2

130 Sq.m

10'x70'

2006

85%

6.

Cricket grounds

2

54785 Sq.m

210' circumstance

2006

85%

-do-

7.

Football (alternatively used)

3 Fields

1100Mx60M

2006

80%

-do-

8.

Hockey (alternatively used)

3 Fields

90Mx 60M

2006

65%

-do-

9.

Multi Gym

(Modular Gym)

1

155 Sq.m

-

2008

70%

-do-

10.

Sigma Auditorium (Multipurpose) Badminton

4

1217 Sq.m

40'x22

2015

80%

-do-

11.

Shri Leo Muthu Indoor Stadium (Multipurpose)

20849 Sq.m

2015

-do-

Table Tennis

10 Boards

-

2015

65%

-do-

Carrom

4 Boards

-

2015

60%

-do-

Chess

500 -Participation

-

2015

65%

-do-

12.

400 M Standard Track – field

-

36435 Sq.m

-

2015

75%

-do-

13

Kabaddi Court

2

2400 Sq.m

60m x 40m

2002

85%

-do-

14

Tennis Court

1

2400 Sq.m

60m x 40m

2002

65%

-do-

File Description
Geotagged pictures
Upload any additional information
Paste link for additional information

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

94

File Description
Upload any additional information
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR

212.49

File Description
Upload audited utilization statements
Details of Expenditure, excluding salary, during the years
Any additional information

4.2 - Library as a Learning Resource

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

Yes our library is automated using Integrated Library Management System

Catalogue management:

To digitally keep track of what is available in the library. The books
publishing.

Membership management:

To maintain the detailed database of the members. The system records th
ascertaining the track record of the member.

Circulation management:

To track the movements of books. The location of any book at any point traced with ease. The details on books to be returned and that which ar

Acquisition management:

To acquire new books and add them digitally. Irrelevant and outdated bo

Bar-coding:

To give specific identification to each books. All books are bar-coded

Search function:

To enable both the librarian and the members to search the catalogue of to the need of each user.

Online access:

The web based library management system software provides access to dif search benefitting the user considerably.

Fee management:

The software calculates the finedue for non-return or lost and damaged

Provides greater efficiency of work processes & saves time of librarian

File Description
Upload any additional information
Paste link for additional information

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

A. A

File Description
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership
Upload any additional information

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals d

77.25

File Description
Audited statements of accounts
Any additional information
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the ye

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

185

File Description
Upload details of library usage by teachers and students
Any additional information

4.3 - IT Infrastructure

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

The objectives of the IT policy are as follows:

Institution provides 3 to 5 % of the annual budget for up gradation of changes in the system as follows:

- To provide all required IT resources as per the academic programs l will benefit the studentsandresearchstaff.
- To effectively have an annual plan of introducing new technologies

1. Previous year the campus has been enabled with internet bandwidth o (1:1),
2. Number of Wi-Fi router are also increased with high configuration a weredeployedacrossthecampus&hostels.Studentsandfacultymembersgetmax
3. PreviousyeartheinstitutehasFortiGate 600Eirewallbutnowinstitutesupg
4. Previously we have some PCs with Pentium IV and i3 processor with 1 with i3,i5 and i7 processor , 4/ 8GB RAM and 1 TB Hard Disk for bet serverswithlatest configuration.
5. Institutes installed CCTV across the campus covering all areas of t andgirlshostelsforprovidingbettersecurity.

Information of the up gradation is stated in a table form:-

Sl No.

Particulars

Previous Year

Present Status

1.

Bandwidth

500 MBPS

1 GBPS

2.

Wi-Fi Router

30

40

3.

Firewall

FortiGate 600E

License has been Renewed with latest v7.2.3 version

4.

Computer

Pentium IV and i3

Processor, with 1 and 2 GB Ram 160/320 GB Hard disk

I3,i5 and i7 processor, 4 to 8 GB Ram and 500 GB/1 TB HDD

5.

CCTV

N.A

Yes

File Description
Upload any additional information
Paste link for additional information

4.3.2 - Student - Computer ratio

Number of Students	Number o
4661	1590

File Description
Upload any additional information

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

A. ≥

File Description
Details of bandwidth available in the Institution

Upload any additional information

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. A

File Description
Upload any additional information
Paste link for additional information
List of facilities for e-content development (Data Template)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, e

1252.88

File Description
Audited statements of accounts
Upload any additional information

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, aca computers, etc.

The college has appointed several personnel for maintaining the infrast and generator operator in case if the power shuts down. Separate Compla electrical, plumbing, housekeeping etc. The people, who work here on ma breakage of instruments and devices to the higher authority.

Any complaint regarding the maintenance sector is viewed seriously and in-charges of laboratories. These people monitor the students during th maintenance of the equipment and computers in the laboratories. System networking in the campus. Any fault in network is reported to the netwo the faults and solves it.

Service Department

Number of Staffs

Electrical Works

15

Civil Works

41

Transport

100

Computer Servicing

10

House Keeping

83

File Description
Upload any additional information
Paste link for additional information

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Gover

1824

File Description
Upload self-attested letters with the list of students receiving scholarships
Upload any additional information

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institu

931

File Description
Upload any additional information
Institutional data in prescribed format

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. A

File Description
Link to Institutional website
Details of capability development and schemes
Any additional information

5.1.4 - Number of students benefitted from guidance/coaching for competitive examination

1053

File Description
Any additional information

Number of students benefited by guidance for competitive examinations and career counseling dur

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. A

File Description
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassme
Details of student grievances including sexual harassment and ragging cases
Upload any additional information

5.2 - Student Progression

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

764

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

5.2.2 - Number of outgoing students progressing to higher education

83

File Description
Upload supporting data for students/alumni
Details of students who went for higher education
Any additional information

5.2.3 - Number of students qualifying in state/ national/ international level examinations d

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e government examinations) during the year

83

File Description
Upload supporting data for students/alumni
Any additional information

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural act team event should be counted as one) during the year

File Description
e-copies of award letters and certificates
Any additional information

5.3.2 - Presence of an active Student Council and representation of students in academic and a

Every academic year, a student council is formed consisting of one stud Departments. One student is selected as Student Chairman every year. Th technology-based competition, symposiums, seminars, conferences and wor deliberately involve themselves in their department newsletter preparat representatives also participate in the preparation of the college cale Especially the Department symposia are completely planned, organized an faculty.

The students involve themselves in events such as interacting with alum also involved in social activities through UBA such as visiting village studentrepresentatives also actively participate in the Sports, cultura

By participating in various committees' students get exposure of social skills, team building, decision making, time management, self-disciplin

File Description
Upload any additional information
Paste link for additional information

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

13

File Description
Report of the event
List of sports and cultural events / competitions organised per year
Upload any additional information

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significar services

The alumni form the major strength of the institution. The Alumni Assoc Sairam Engineering College Alumni Association" with the Reg. No: 220/20 alumni from different branches of the undergraduate and postgraduate pr betterment of their junior students. The alumni meet is hosted by the a the Institution and the alumni.

The alumni visit the institution to deliver Guest lectures and seminars the young minds. Successful entrepreneurs from the alumni are invited t

Institute.

The alumni also help the final year students of the various streams of
applications to get their project placements and summer internship in t
reference. They also assist the students for placement in public and pr
pave the way for the successful placements of the students.

File Description
Upload any additional information
Paste link for additional Information

5.4.2 - Alumni's financial contribution during the year

A. 2

File Description
Upload any additional information

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 th

Governing council delivers the responsibilities by entrusting the head
implementing policies, enhancing infrastructural facilities, introducin
relationships, creating dynamic learning upgradation and welfare scheme

The head of the institution executes the responsibility of ensuring the
communicating with regulatory bodies, facilitating research pursuits, s
facilitating new ventures in consultation with management. The departme
vested in them as teams

The departments function with the collective responsibilities of the fa
mentors, class coordinators, class advisors and student mentors to offe
monitoring and communicate the progress to parents.

Perspective Plans

> Upgrading the learning ambience as state on the art

> Enhancing the endeavour of Teaching- Learning

> Promoting research pursuits amidst teachers and learners

> Enhancing Entrepreneurial ventures and Industry Institute Interaction

> Creating social, outreach activities

> Progressing in sustainability and quality assurance

File Description	Documents
Upload any additional information	

Paste link for additional Information	

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralizatio

The Institution has been functioning with the method of decentralized g
staff, students and the parents are integrated in executing all the act

Principal is empowered to lead the academic endeavors. All the activiti
discussions and the deliberations in various meetings. Thedetailed plan
management, as their role is integral.

The preparation of the Academic Calendar ahead of the commencement of t
organizes administrative functionaries, MRM and IQAC meetings to finali
Institution branding endeavors and celebrations. Principal heads the me
Director, Coordinators of Cells and Clubs are invited to submit their r
internal functionaries meetings. The Principal approves the Academic Pl
Chairman. This practice of participative management has provided extens
human resources and ensured the successful planning and conduct of all

File Description
Upload strategic plan and deployment documents on the website
Upload any additional information
Paste link for additional Information

6.2 - Strategy Development and Deployment

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

The institution has a defined Strategic/ Perspective Plan to fulfill th
Learning, R &D, Infrastructure Facilities, HRM, Industry Interaction an

Activity:

Start-up and Innovation EcoSystem

Objectives:

* To nurture the Entrepreneurship and Start-up EcoSystem

* To accelerate the growth through business support resources and servi
training and networking

*To focus on Innovation-co-creation, piloting and indigenization of def
underwater vehicles,planes, drones, submarine alternator control system

*To encourage indigenous innovations for start ups and incubation with

Outcomes:

· Funds from Lockheed Martin, Seed funding, DIO, IIM, AMTZ, Andhra Prad

· Grant for IDEX DISC, DISC#sprint, Indian Navy of Rs. 80 lakhs

· Selection of 12 proposals for IDEX Prime in IDEX DISC # 6&7 and 17 pr

There are 80+ start-ups' with 25000+ square feet area in our ecosystem
technology, Radar Technologies, Armour Technologies, Additive Manufactu
Agriculture, Rescue, UAV etc and 17 startups were launched.

File Description
Strategic Plan and deployment documents on the website
Paste link for additional information
Upload any additional information

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible fro
etc.

The Chairman and Chief Executive Officer holds the management position,
Board of Trustees, Governing Council and the Academic Council. The Prin
for Excellence, Academic and the Non - Academic. The three divisions ar
realising the intended vision of the institution.

Centre of Excellence comprises IQAC, R&D, Accreditation Process Units a
set functionaries in coordination for quality assurance and achieving e

Academics , the heart of the organogram, have second rung leaders in Ho
processes like Teaching- Learning, Examination, Library Co-Curriculum.

The Non- Academic frontier has the prominent divisions like Administrat
service as depicted in the organogram in multiple levels/ purposes pert
common vision of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	**https://sai**
Upload any additional information	
Paste link for additional Information	

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

File Description
ERP (Enterprise Resource Planning) Documen
Screen shots of user interfaces
Details of implementation of e-governance in areas of operation
Any additional information

6.3 - Faculty Empowerment Strategies

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

The institution is magnanimous to implement welfare measures for the pe
good number of teaching and non teaching staff members are pursuing the
is high due to the benevolent and pleasant working environment.

Welfare measures for teachingStaff

- Special Study Leave to pursue higher education
- Sponsoring for attending conference, workshops and FDPs, National &
- Incentives for publication of papers / research articles, Patent Fi
- Rewards for E-content preparations, Book publications & Translation
- Encouragement for memberships in Professional Societies
- Sponsorship for Professional/ Technical competence enhancement cour
- Recognition for AICTE approved NITTTR, SWAYAM NPTEL courses
- Recognition for outstanding societal activities
- Scholarships for staff's children.
- Medical Support& Group Insurance
- Marriage gifts & one week leave
- Gifts and mementoes during Teachers' Day Celebrations
- Transport facilities

Welfare measures for non-teaching staff

- Scholarships for staff's children.
- House quarters for administrative staff
- Group Insurance & Medical Support
- Marriage gifts & one week leave
- Gifts during Teachers' Day Celebrations
- Transport facilities

File Description
Upload any additional information
Paste link for additional information

6.3.2 - Number of teachers provided with financial support to attend conferences / worksh year

207

File Description
Upload any additional information
Details of teachers provided with financial support to attend conference, workshops etc during the

6.3.3 - Number of professional development / administrative training programmes organize

26

File Description
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)

Upload any additional information

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

290

File Description
Summary of the IQAC report
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)
Upload any additional information

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit

The Internal Audit team is responsible for Internal Audit and Internal
vouching, day to day operations, confirmation, account books, supportin
payments like PF, TDS and local taxes and prompt payment of bank repaya
executed before the internal audit. Internal Audit is conducted and Aud

External Audit

External Audit is conducted by the Statutory Auditors. The accounts are
obtained for the credit balance collecting documentary evidence regardi
Reconciliation of unit-wise balance with the control accounts and Bank

File Description
Upload any additional information
Paste link for additional information

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropis

2,65,084

File Description
Annual statements of accounts
Details of funds / grants received from non-government bodies, individuals, philanthropists during
Any additional information

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

Mobilization

The major funding is obtained from student fees, adhering to the recomm
funds for the effective functioning of the institution is transparent a

- **Tuition fees**
- **Hostel fees**
- **Mess fees**
- **Transport fees**
- **Donations by Philanthropists and social organizations**
- **Alumni contribution**

Adequate assets for the institution are availed through term loans from
plumbing, furniture and vehicle for effective diversified operations.

Utilization

- **Funds obtained from student tuition fees are spent on payment of sa**
- **Grants from Government and non government bodies are earmarked for**
- **Adequate funds are allotted for enhanced TL process, refresher, ori**
  research
- **Budget is utilized to meet day to day operational, administrative,**
  energy saving equipment
- **Augmentation of resources for the central library**
- **Social service activities**

In addition, expenditures are incurred for organizing Association Meets
Teachers' Day, Graduation day and others.

File Description
Upload any additional information
Paste link for additional Information

6.5 - Internal Quality Assurance System

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

The physical stock verification was due because of the pandemic situati
revising the checklist. The stock verification was conducted to ensure
equipment. The annual stock verification was conducted with full vigor
library, and industry powered centers. . The stock verification documen
Service register, Movement register, safety and first aid equipment and
verification was conducted for the period from 27-07-2022 to 10-08-2022
improvement.

Conduct of Intra and Inter department audit for continuous improvement.
department audit was conducted by the IQAC team. The audit is scheduled
for improvements in the teaching learning process, Student Assessment a

As emphasized in NEP 2020 to develop critical thinking, reasoning and c
learning for exams all students registered in AICTE PARAKH ((Performanc
Development) portal

File Description

| Upload any additional information |
| Paste link for additional information |

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of o

All human beings learn by doing. As the learning is more students cente
learning tool was introduced to increase the students learning in acade
create assessment and collect feedback. Self assessments by students he
be assessed as assessments can be posted to the whole class or to indiv
tests enhances the skill of the students as per the expectations of the
knowledge level the learners will also have an understanding of OBE and
online instructional technology will enable the students to become skil

Live in Lab is an experiential learning concept introduced from the thi
projects are mapped to the relevant SDG goals and targets. The live in
research and innovation among the students. Live in lab help the studen
ideas.

| File Description |
| Upload any additional information |
| Paste link for additional information |

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. A

| File Description |
| Paste the web link of annual reports of the Institution |
| Upload e-copies of accreditations and certification |
| Upload details of quality assurance initiatives of the institution |
| Upload any additional information |

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 Institution is committed to promote gender equity and women's empow
that fosters the holistic development of all members. Students of both
encouraged and motivated to take placements, higher education entrepren
gender equality. Women's day is celebrated every year during which girl
speeches from women in various sectors and are given guidance in findin
college exclusively for female students, staffs and members of the coll
empowerment. The institution has well-defined policies and guidelines t
gender-based discrimination, harassment, and violence. The institution
accommodation facilities, adequate lighting, surveillance cameras and s

campus. The institution provides support services such as counselling,
institution promotes research projects, publications, and conferences t
equality.

File Description	Documents
Upload any additional information	
Paste link for additional Information	

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   **A. A**

File Description
Geotagged Photographs
Any other relevant information

7.1.3 - Describe the facilities in the institution for the management of the following types of de

Through segregation, recycling, and composting, our institution protect
discharge and waste utilization are the institute's environmental goals

SOLID WASTE MANAGEMENT

The College uses three different colored dustbins for degradable, non-d
kilograms of solid waste every day, including tree droppings, soiled pa
garbage from color-coded dustbins across campus every day. Waste is com
debris. Regularly collected solid wastes like plastic bags and PET bott

LIQUID WASTE MANAGEMENT

The liquid waste from the kitchen and toilet is diverted to biogas plan
is manure. Garden and vehicle washing use RO waste water.

E-WASTE MANAGEMENT

The licensed recycler collects lab e-waste, reused or donated whenever
while broken ones are trashed.CII SaiRam Young Indians Club collects ca

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

RO processing, laboratories dispose of dangerous chemicals are periodic
disposal or reuse. College grounds are radioactive waste-free.

File Description
Relevant documents like agreements/MoUs with Government and other approved agencies
Geotagged photographs of the facilities

Any other relevant information	

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. A

File Description
Geotagged photographs / videos of the facilities
Any other relevant information

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. A

File Description
Geotagged photos / videos of the facilities
Various policy documents / decisions circulated for implementation
Any other relevant documents

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. A

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

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 — A. A

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
Geotagged photographs / videos of facilities
Policy documents and brochures on the support to be provided
Details of the software procured for providing assistance
Any other relevant information

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. to economic and other diversities (within a maximum of 200 words).

Sri Sai Ram Engineering College has always given a top priority for sen communal, and socio-economic diversities of the nation. Every year we a Constitution Day, Youth festival etc. to instill tolerance and harmony curriculum with the inclusion of Universal Human Values subject related of social values, awareness of environmental protection, and ethics. Th in adopted villages (Somangalam,Varadharajapuram,Poonthandalam). These the community residents, including social and cultural values among the generation activities with regard to the social issues. The environment people from various parts of the country and has always celebrated dive encourage harmony in diversity. To honour India's rich cultural diversi encourage inter communal harmony and tolerance, seminars, workshops, an

File Description
Supporting documents on the information provided (as reflected in the administrative and academi

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations:

Sri Sairam Engineering College emphasizes the importance of the Indian Constitution of India lays down the framework for governance and emphas responsible citizens. Constitution itself does not explicitly list out guide citizens towards responsible behaviour. A zero-credit mandatory p syllabus for all third-semester students to inculcate the responsibilit sense of citizenship among the students. On August 15, 2022, a celebrat struggles and eventual success of freedom. Marking the day, a plaque co unveiled. Various activities like Tree Plantation drive, Clean India Ca Conservation Day, blood donation camps, rallies and projects based on S social welfare.

File Description
Details of activities that inculcate values necessary to transform students into responsible citizens
Any other relevant information

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. A

File Description

Code of Ethics - policy document

Details of the monitoring committee composition and minutes of the committee meeting, number etc. in support of the claims

Any other relevant information

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

Every year, Sairam Engineering college enthusiastically observes nation
freedom, democracy, roles and responsibilities, peace, harmony, well-be
health to the community of students and employees. Every year on March
recognize women who have made major contributions to society and to ins
observes International Yoga Day. The day aims to raise awareness of the
Teachers Day is celebrated to commemorate Dr. Radhakrishnan's birthday.
characteristics of a good teacher. National Engineer's Day is observed
legendary engineer Mokshagundam Visvesvaraya. The day is marked to hono
made by engineers. Every year Sairam Institutions celebrate Independenc
our freedom fighters had undergone to safeguard the country rich in its
and many more.

File Description

Annual report of the celebrations and commemorative events for during the year

Geotagged photographs of some of the events

Any other relevant information

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the

Practice 1:

Students Performance Grade Point Average (PGPA)

To monitor and evaluate the student's academic excellence and their ski
are given a credit based on their performance and named as PGPA. The ev
components are mandatory in a specific semester and other components ar
Skillrack,AMCAT,Internships,Sairam SDG Action Plan, Sairam Innovation E
Artificial Intelligence Learning ,Clubs & Cells (Co-curricular),Sports,
(IITB Spoken Tutorial, Future Skills),Academic GPA,

Practice 2:

Sairam Artificial Intelligence Powered Learning (SAIL APP)

SAIL is a mandatory tool for assessing the student's academic performan
students who are admitted from the AY 2020-2021 onwards. SAIL applicati
can easily identify the strengths and weaknesses of the students. Staff
application and do the needful to support the weak students or slow lea
within the department /college and performers will be rewarded. The sta
appreciated/rewarded.

File Description	Documents
Best practices in the Institutional website	**https://sairam.edu.in/wp-conte**
Any other relevant information	

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust

INSTITUTIONAL DISTINCTIVENESS

Sairam Institutions has designed and developed an innovative competitio
This model was introduced for the autonomous batch ofstudents from the

Sairam Innovation Ecosystem is a comprehensive well-crafted program tha
for setting up start-ups and incubations. "One Student – One Startup" i
implemented right from the first year of under-graduation in stages, wi
start-ups and patentable technologies. The program is implemented in fo
Sairam SDG Ideathon at First Year, Live-in-Lab (checking the feasibilit
Mini Project (prototype development and its testing)- Sairam SDG Innova
final product, filing of patent as applicable and setting up of start-u
implemented through a well-formulated event in which all the students a
is to make students solve the issues enlisted in the United Nations Sus

File Description	Documents
Appropriate link in the institutional website	**https://sairam.edu.in/wp-co**
Any other relevant information	

7.3.2 - Plan of action for the next academic year

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 1. To strengthen the inter disciplinary courses and major thrust areas
 2. Implementation of UN Sustainable Development Goals in all academic
 3. Strengthing Innovation Ecosystem for developing moreprojectsand Sta
 4. Executing and establishing projects for societal problems/ issues
 5. Increasing number of research centers
 6. Apply for THE ranking and Qs I gauge rating
 7. Increase the functional MOU's with MNCs and Public Sector
 8. International Collaboration for Research and CulturalRelationship.
 9. Introduction of New UG and PG Programmes in Emerging Areas.
10. StrengtheningCentre of Excellence
11. To Increase Industrial Training for faculties
12. Empowering activities for under privileged/ Aged/ Orphans by streng
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13. To enhance the e-content development