



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		SRI SAIRAM COLLEGE OF ENGINEERING
• Name of the Head of the institution		DR B SHADAKSHARAPPA
• Designation		PRINCIPAL
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		08027840631
• Mobile no		9900545101
• Registered e-mail		principal@sairamce.edu.in
• Alternate e-mail		iqac@sairamce.edu.in
• Address		Sri Sairam College of Engineering
• City/Town		Bengaluru
• State/UT		Karnataka
• Pin Code		562106
2.Institutional status		
• Affiliated /Constituent		Affiliated
• Type of Institution		Co-education
• Location		Urban
• Financial Status		Self-financing

• Name of the Affiliating University	VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI				
• Name of the IQAC Coordinator	Dr Hari Krishna S				
• Phone No.	9900545101				
• Alternate phone No.	08027840631				
• Mobile	7845125999				
• IQAC e-mail address	iqac@sairamce.edu.in				
• Alternate Email address	principal@sairamce.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://sairamce.edu.in/wp-content/uploads/2019/05/AQAR-2020-21.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://sairamce.edu.in/wp-content/uploads/2019/06/Academic-Calendar-2013-2022.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.85	2019	15/11/2019	14/11/2024
6.Date of Establishment of IQAC			18/03/2017		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Balaji V.	Project Fund	KSCST	2021-22, 12 months	10,000/-
Dr Hari Krishna S	RGSF	VGST	2021, 12 months	3,00,000/-
Pushparaj H & Malini K V	Project Fund	KSCST	2021-22, 24 months	7,000/-
C. Sivaprakash, Dr.T.N.Prabakar	Project Fund	VTU	March 2022, 24 months	10,00,000/-
K. P. Linija	Project Fund	KSCST	2021-22, 12 months	7,000/-
Halesha	Project Fund	KSCST	2021-22, 12 months	7,000/-
Dr. B. Shadaksharappa and Mr. Guruprasath V A	Project Fund	KSCST	2021-22, 12 months	6,000/-
Dr. B. Shadaksharappa and Mr. Guruprasath V A	Project Fund	KSCST	2021-22, 12 months	6,000/-
C Valarmathi	Project Fund	KSCST	2021-22, 12 months	6,000/-
Dr. B. Shadaksharappa	Project Fund	KSCST	2021-22, 12 months	6,000/-
Dr.A. Poonguzhali	Project Fund	VTU	2021-22, 12 months	5,000/-
Raja G V	Project Fund	VTU	2021-22, 12 months	5,000/-
Prof. Ramya K and Prof. Malini K V	Project Fund	VTU	2021-22, 12 months	5,000/-

Muthuvel A	Project Fund	VTU	2021-22, 12 months	5,000/-
Balaji V	Project Fund	VTU	2021-22, 12 months	5,000/-
Reji Thomas	Project Fund	VTU	2021-22, 12 months	5,000/-
P.Ramkumar	Project Fund	VTU	2021-22, 12 months	5,000/-
Dr. Srilatha and Halesha H R	RGSF	VGST	2021-22	3,00,000/-
8.Whether composition of IQAC as per latest NAAC guidelines		Yes		
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 		View File		
9.No. of IQAC meetings held during the year		02		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 		Yes		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 		No File Uploaded		
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?		No		
<ul style="list-style-type: none"> If yes, mention the amount 		Rs30000		
11.Significant contributions made by IQAC during the current year (maximum five bullets)				
New Program Information Science & Engineering is started in the Institution				
All faculty got membership in IEEE				
All faculty enrolled & completed minimum 1 module in NITTT				

Collection of data, feedback from all stake holders, analyzed & actions taken for improvements	
Conduction of 21days Student Induction Program (SIP)	
Identified 4 students for BE Honours program.	
Regular conduction of FDP's & seminars to up skill faculty.	
Conducted periodic meeting /discussions with faculty members to collect the data pertaining to various activities of the departments	
Established Innovation Ecosystem	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
Approval to start new program Information Science & Engineering(ISE)	Got the approval to start the Program
Cash prize in any sports category	1 Lakh cash award, top 5 in VTU level
Identifying and Uplifiting slow learners through additional or Remedial classes	Remedial classes were organised regularly after every CIE
Intra internship for 2021-2022 1st year students	10 Days Intra internship was organised for all first year students as per NEP
Proposed to start Research & Development center for Chemistry, CSE & ECE	Got approval from University to start R&D centers for CSE, ECE & Chemistry.
To start NCC unit in campus	SCE- NCC Unit started in the Institution
13.Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

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

15. Multidisciplinary / interdisciplinary

Sri Sairam College of Engineering, a Self-financing College, affiliated to Visvesvaraya Technological University (VTU) is proud to distinguish as an academic teaching institution and delivers a quality interdisciplinary & multidisciplinary Engineering education in accordance with the curriculum framework by the VTU. Through this, the institution will imbibe VTU curriculum integration of essential subjects, skill and capacities, conceptual understanding, and emphasize integrative learning, critical thinking, and creative problem solving, life skills to the students.

VTU has introduced many changes in the curriculum structure, teaching learning process, assessment procedures to stay relevant and minimize the gap between Institution - Industry. VTU to fulfil the Multidisciplinary Aspiration of NEP 2020, along with Open Electives and Professional Electives, few courses on Arts, Law, Political Science, Geography, Music, Yoga, NSS, Physical Education, Sports, Finance, Banking and Kannada literature are included as Ability Enhancement Courses (AEC).

The Management of the institution in accordance of the AICTE, VTU and Government of Karnataka embraces the transformation as a continuous way and hence adopts the transformation to respond to new challenges to ensure better outcomes. The institution is well equipped of integrating the study of various academic disciplines suited to their life-long interests. The faculty in the institution has ability and enhances their knowledge to teach inter and multi-disciplinary subjects to the students.

The institution has adequate facilities for the students to prepare for graduate and professional study, for careers in new and emerging fields and also high competency level and confidence. The institution will focus on multi-disciplinary 'cross-learning' for finding out the connection between different subjects.

16. Academic bank of credits (ABC):

The Institution has applied for NAD.

17. Skill development:

In view of the fast changing technological developments, the students, faculty and staff of the institution need reskilling. Institution believes that the skills like creative / critical thinking and problem solving ability etc., are going to be the challenges of future years. Students have given License for skillrack once they get admitted to Institution & are trained regularly. All faculty in the institution are registered for minimum one module at NITTT, Chennai.

The institution tries to reskill / upskill the individuals in unprecedented numbers, to deploy precision safety nets and to create bespoke maps which orient the students towards the jobs of tomorrow where they will be able to thrive.

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

The institution encourages the students and faculty to learn the online courses offered by premier institutions of the country like NPTEL, NITTT to enhance their skills. The institution shall adopt the NEP 2020, which envisions an educational system fashioned on the lines of India's profuse linguistic, cultural and artistic heritage. The promotion of Indian arts and culture is seen very important and it could be effectively imparted through integrating Indian culture into the main curriculum, which would not only develop a strong sense of identity and aesthetic outlook but also enhances creative and cognitive skills among the students.

As the institution adhere the framework of VTU curriculum, the Indian Knowledge system is integrated with the curriculum as a mandatory credit courses such as Samskrutika Kannada / Balake Kannada (3rd /4th Semester), Constitution of India, Professional Ethics (4th / 3rd semester), Universal Human Values-II and A credit courses on NCC (5th and 6th semesters as elective courses) as per the new curriculum introduced in 2021.

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

VTU Regulations governing the UG and PG Degrees are under Outcome-Based Education and Choice Based Credit System (CBCS). The institution strictly follows the guidelines and regulations of the VTU in the curriculum. The institution adheres to the National Board of Accreditation norms to prepare the outcome-based education in PEO's, PSO's and course outcomes.

The institution aims to follow the outcomes-based educations as to:

1. Help formulate graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes that are expected to be demonstrated by the holder of a qualification;
2. Enable prospective students, parents, employers and others to understand the nature and level of learning outcomes (knowledge, skills, attitudes and values) or attributes a graduate of a programme should be capable of demonstrating on successful completion of the programme of study;
3. Maintain national standards and international comparability of learning outcomes and academic standards to ensure global competitiveness, and to facilitate student/graduate mobility; and
4. Provide higher education institutions an important point of reference for designing teaching-learning strategies, assessing student learning levels, and periodic review of programmes and academic standards.

20.Distance education/online education:

The institution in the strive to start the online education programme and to accomplish the eligibility criteria of University Grants Commission (Open and Distance Learning) Regulations, 2017 and University Grants Commission (Online Courses or Programmes) Regulations, 2018.

The institution proposed plans for online education in the near future shall penetrate in in the following form:

1. To offer skill-oriented programmes
2. To offer online academic programme as approved by the UGC/Distance Education Council
3. Education programme customized or generic programmes in emerging knowledge's to enhance the skills/knowledge
4. The Learning and Development Centres of the corporates offering general/specific technology driven online programs for the students as a part of reskilling strategies.
5. To adopt the online courses of world class universities as a credit course to the students to understand the new knowledge in emerging areas.
6. Employability skills offered to the students to make them ready for employment.

Extended Profile

1.Programme

1.1	267
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	935
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	420
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	166
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	87
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	86
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	30
4.2 Total expenditure excluding salary during the year (INR in lakhs)	Rs 352,10,575/-
4.3 Total number of computers on campus for academic purposes	477

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Sri Sairam College of Engineering is committed to the basic values of Higher Engineering education by providing all the support required for effective implementation of the policies through excellent infrastructure with well documented procedures. The curriculum delivery process starts with the syllabus of the University and ends with the feedback from the students which is used for continual improvement.

- The institution has taken special initiatives for effective curriculum delivery. It starts with an academic calendar prepared at the beginning of each semester with all the activities.
- Each department Head instructs and guides the entire faculty to prepare a detailed lesson plan with all the parameters.
- Sairam ensures quality education through ICT based Teaching & Learning Process.
- We have a well-equipped digital library which provides modern web based teaching materials and encourages the faculty to use

them regularly.

- Faculties are encouraged to attend various Faculty Development Programs to enrich skills in their specific domains.
- Faculties and students are encouraged to register self-learning courses via online platforms to strengthen their knowledge to make effective curriculum delivery.
- Every student has been assigned with a mentor to share their academic difficulties.
- Video Lectures and Google Classrooms are used during the corona pandemic period.
- The Academic Council also ensured the quality of video lectures was good and covered the entire syllabus.
- Lab demonstration videos are prepared and shared with the students.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

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

In pursuance of its action plan for performance evaluation, IQAC has formed a Centralised IA Cell. Each department has nominated IA & IQAC coordinator. Academic Calendar is prepared before commencement of each semester with all academic activities apart from dates of all 3-IA Tests. Academic Calendar is distributed at the beginning of the semester to all faculties to cover the syllabus as per lesson plan before each IA Test by dividing the syllabus into 3 parts. IA Test Question Paper with BTL and CO is set by subject handling faculty and reviewed by department IQAC Coordinator. Before

commencement of each IA test, 2-question papers with schemes for each course are submitted to the Head of the Department which is reviewed by the department IQAC Coordinator for internal question paper evaluation and approved by HOD. Out of 2-QPs, one is selected by the Centralised IA Cell and the other is used for additional test. Internal Question Paper Evaluation is structured by the head of the centralised IA cell which is approved by the Principal. As per requirement, respective dept. IA Coordinator submitted the photo copies of selected question papers to the head of the centralised IA cell which is kept confidential in the centralized IA Cell. All IA Tests are conducted like university exams by the Centralised IA cell

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

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

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

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

33

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

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

692

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Professional Ethics

To create knowledge about professional ethics, VTU included the Constitution of India, Professional Ethics & Cyber Law (18CPC39/49) as a part of curriculum. ECE & MECH students studied during ODD and EEE & CSE in EVEN Semester.

Gender

College organized International Women's Day celebration in blended mode on 08/03/2022 at AV hall,SSCE with the theme "Gender Equality today for a sustainable tomorrow" & conducted online quiz program through zoom platform for students and faculties.The Chief Guest Ms.Jevitha Sathyanarayan,Manager, HR, ZOHO Corporation.

Human Values

College conducted a 21days SIP for 1st year students from 16.12.2021 to 13.01.2022. UHV session was delivered by resource person,Prof.Malini K V,Dr.Harikrishna S & Prof.Prakash V, Faculty,SSCE,Bengaluru.

Environment

Environmental Studies(18CIV59) included in VTU curriculum & all branch students studied during ODD Semester.Green initiative activities done in the campus

Sustainability

Yoga and Equilibrium Club in association with NCC and NSS team of the college celebrated 8thInternational Yoga Day on 21/06/2022 at the indoor stadium in SSCE, Anekal. The chief guest was Mr. Venkatadri Rajan, Director, Shastri's Yoga School, Bangalore.

AICTE 100 Credit Points

AICTE has initiated activities to promote students at graduate level in technical institutes. Our students did activities in and around Anekal villages related to developing a sustainable water management System, helped the school students to achieve good results,Skill Rural Population and manage an efficient garbage disposal system.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

09

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

443

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://sairamce.edu.in/wp-content/uploads/2019/06/1.4.1_Stakeholders-Feedback-Report_2021-22.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://sairamce.edu.in/wp-content/uploads/2019/06/1.4.2_Action-taken-report-as-stated-in-minutes-of-Governing-Council-.pdf.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

420

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

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

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

331

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

2.2 - Catering to Student Diversity

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

Our institution organizes 21 Days Student Induction Program (SIP) for the newly admitted students on every academic year to bridge the gap at the entry level for the regular students before the commencement of their classes. As per VTU and AICTE guidelines before beginning of regular classes, the institute ensures conduction of bridge course for three weeks to bring all students at par on basic engineering concepts and Universal Human Values (UHV).

The students were categorized as slow learners, average learners and advanced learners, based on the marks obtained by the students in internal assessment and their class performance. Remedial and tutorial classes organized for the slow learners were conducted in the evening after 4 pm for the slow learners to clarify doubts, explanation of critical topics for improving their academic performance. Revision of important topics in the failed subjects are done and monitored continuously.

Irrespective of the streams the students were given an opportunity to enhance their skills and knowledge in programming through Skillrack portal. The institute has a higher education cell to guide the advanced learners, who wish to do their higher studies in abroad.

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

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

Number of Students	Number of Teachers
935	86

File Description	Documents
Any additional information	No File Uploaded

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

Participative Learning: Interactive learning through regular classes supported with seminars, quiz, role play, debates, brain storming sessions etc. Students are also encouraged to interact during the lecture hours by getting the doubts clarified on the spot. Our college is unique in having a club/ association with every department which organizes number of student centric activities. Alumni are invited for guest lectures under the banner SENIOR TALKS.

Experimental learning: Students do 2 laboratory courses per semester from 1st to 7th semesters and students of 2021 scheme do integrated professional core course to have strong practical exposure towards the concepts. More than the required number of experiments, beyond the minimum specified by the university is performed. Technical Societies and Student chapters of National/International Associations are active and students are encouraged to present technical papers at National/ International Conferences.

Problem Solving Learning: Institute motivates students to participate in various technical events like Smart India Hackthons, Project competitions, idea submission contest in various government and non government events etc. By conducting tutorials, the students will have better understanding of the course. The students are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum to enhance their advanced learning.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

maximum of 200 words

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. The presence of Information and Communication Technology (ICT) undoubtedly allows new ways of learning for students and teachers and helps the latter to interact with students. As a consequence, the facilitators are combining the latest technology with the traditional mode of instruction to engage students in long term learning. The following tools are used by the Institute

ICT Tools:

1. Projectors- Each of the lecture Hall has been fixed with Projectors and effective audio system ,E-Shikshana Hall
2. Conduction of Online class through Zoom, Google Meet, Microsoft Team, Google Classroom.
3. Google classroom is used to manage and post course related information- learning record material, quizzes, lab submissions and evaluations, assignments, etc.

Use of ICT by Faculty

- A. Facilitators are encouraged to use power-point presentations in standard department format for effective lecture delivery by using LCD's and projectors supported by digital library, online search engines and websites to prepare effective presentations. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
- B. Recorded Lecture is made available to all the students for long term learning and future referencing in SAIRAM Youtube Channel.
- C. Facilitators use various ICT tools for conducting workshops on latest methods such as SPSS, Programming languages, simulations etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

86

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

2.4 - Teacher Profile and Quality

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

86

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

13

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

86

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Sri Sairam college of Engineering is affiliated to VTU and the evaluation processes as per VTU norms. The same was communicated to the students through syllabus copies, issued in the beginning of first year of their academic program. As per the University guidelines three internal Assessment tests were conducted for 2017, 2018 and 2021 Schemes. Internal Assessment tests for 2015 and 2017 Schemes were conducted to a maximum of 30 marks, whereas the 2018 and 2021 scheme were conducted for 50 Marks. For 2017, 2018 and 2021 Schemes all the three internal Assessment Marks were considered to calculate the average Internal Assessment Marks.

Centralized examination Cell is framed in our institution to conduct exam related activities. The question papers were framed considering the blooms taxonomy level that was specified in the syllabus book for the subject and the questions were mapped towards the course outcome and program outcome. Internal assessment question papers are reviewed in prior by the IQAC coordinator of each department. . Complete transparency is maintained during the conduction of IA, and

the evaluation of scripts. 10% of internal assessment scripts were reviewed by other subject expert. In case of any discrepancy found by the reviewer will be intimated to the head of the department and necessary action will be taken. All answer books are preserved and documented as per university norms. Theory subjects IA marks is evaluated through internal assessment test marks and activity marks.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The institution is affiliated to VTU and University has its own system for redressed of grievances.

1. Scheme and Solution are prepared by concerned faculty and based on this evaluation process is implemented. Complete transparency is maintained during the conduction of internal assessment tests, and the evaluated scripts were disclosed to the students for clarification.

2. After reviewing the answer booklet if the student deserves more marks he/she can ask the clarification for the given marks according to the scheme prepared.

3. At institution level, grievances related to evaluation are normally redressed by the concerned faculty/Head of the Department/Principal depending on the intensity of the problem.

4. The students against malpractice cases are registered in the internal assessment / model examination are dealt with judicially.

5. Materials of copying are confiscated and their records are maintained. The students are given opportunity to clarify their stand.

6. The institute constitutes a committee to look into the matter and appropriate measures are taken transparently within the time limit.

7. The students can discuss their grievances regarding Class tests,

internal evaluation process with Mentors, Class teachers. If not resolved then students can approach to Head of the department and Principal.

8. All complaints are addressed with utmost priority and solved in minimal time.

9. Parents are informed about evaluation process during parents meet, induction program and directed to visit the university websites.

10. Retests were conducted to the students who apply well in advance for the same with genuine reasons.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	http://grievance.sairamce.edu.in//

2.6 - Student Performance and Learning Outcomes

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

Outcome Based Education (OBE) is implemented to give emphasis on what is expected from the students when they finish their course in the form of Course Outcomes. In line with Course Outcomes, Program Specific Outcomes (PSOs) and Program Outcomes (POs) are then attained to measure the performance of the students. This OBE is mandatory in all regulating bodies like NBA, NAAC and other Accreditation Committees .A set of Program Outcomes are given by the AICTE to be followed by all the institutions. Keeping all the Program Outcomes in mind every department prepares its Program Specific Outcomes. Based on the Program Outcomes and Program Specific Outcomes, the faculty of all departments then prepares the Course Outcomes for all the courses offered by the University.

Every Department of the Institution publishes its Program Specific Outcomes (PSOs) along with the Program Outcomes (POs) given by AICTE and Course Outcomes (COs) of all its courses in the college website. POs and PSOs are displayed in Staff rooms, Offices of Heads of Departments, all the classrooms, corridors and laboratories. CO is displayed in display boards of laboratories. Students and staff are made aware of these through various meetings, classroom teaching,

lab experiment, and interaction sessions. Program Outcomes (POs) and Program specific Outcomes (PSOs) are discussed in student induction program; to aware what they are going to learn. The course outcomes are also communicated to students through Internal and Assignment question papers wherein every question is provided with the CO it belongs to Concern.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The attainment of Program Outcomes and Program Specific Outcomes is evaluated by taking 80 % of the Direct Assessment and 20 % of the Indirect Assessment.

Procedure for Attainment through Direct Assessment (80%): Course Outcomes (COs) and Program Outcomes (POs)/Program Specific Outcomes (PSOs) based on the below given conditions: If the concept of CO is matched 80% or more with the concept of PO's (or) PSO's, it's mentioned as level 3 (Highly Related) In between 60% to 80% with the concept of PO's (or) PSO's, it's mentioned as level 2 (Moderately Related) Less than 60% with the concept of PO's (or) PSO's, it's mentioned as level 1 (Slightly Related).

Direct Assessment Tools: Internal Assessment (IA for 50 marks) is conducted thrice in a semester to assess student's knowledge in the various subjects taught by the faculties in respective semester. Semester End Examination (SEE) (University Level for 60 marks): This examination is conducted at the end of the semester. Internal assessment and University Examination results serve as an input for calculating attainments of all the outcomes.

Procedure for Attainment through Indirect Assessment (20%): This indirect assessment contains feedback from various stakeholders such as alumni, parents, students, faculty and employer along with survey. Based on the feedback collected in a scale of 5 which is then converted to scale of 3 to match with the Direct Assessment. The final PO and PSO attainment is calculated by adding 80% of Direct Assessment and 20% of Indirect Assessment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://sairamce.edu.in/computer-science-engineering/

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

151

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

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)

<http://sairamce.edu.in/wp-content/uploads/2019/06/2.7.1Student-Satisfaction-Survey-SSS.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

17.01

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

05

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Sairam Innovation Ecosystem has planned to use the concept of Ideathon, Solvethon, Innovathon, Inspireathon from the year

2021-2022.

Ideathon - In the first year, the team of students thus formed shall have to propose an idea in their area of interest.

Solvethon- The team of students thus formed shall have to propose the solution of their idea they proposed earlier. These solutions will be evaluated by a panel of internal/external experts.

Innovathon- The team of students thus formed shall have to propose the solution in an innovative manner and will be evaluated by a panel of internal/external experts.

Inspireathon- The team of students thus formed shall have to implement the solution and will be evaluated by a panel of internal/external experts.

Every student shall undergo Skillrack program 1st semester and goes up to 7th semester which increases their coding skills to code their projects.

The Sustainable Development Goals (SDGs) are a collection of 17 Global Goals that were adopted by all United Nations Member of States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. Students are encouraged to do the projects in align with the sustainable development goals.

College conducts coding contest and HACKTHONS through IIC Cell. Through this activities student will get inspiration about innovations.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://sairamce.edu.in/slmic/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

00

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

20

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The College regularly conduct the extension activities in the tribal villages, adopted villages and weaker sections of the societiesto arouse social consciousness of the students by providing themopportunities to work with and among the people.

Our college supports students to understand the community in which they work towards identifying the need and problems of the social and involve them in problem solving process.

Extension programmes selected by our students aims to develop competence required for group- living and sharing of responsibilities, acquire leadership qualities.

Many events were conducted by NSS andStudent Volunteer few of them are as follows.

1. Our college conductedAwareness program on PM Kisan Samman Nidhi to farmer about the benefits for the farmers from thecentral government.

2. Cleanliness and Water Treatment Programto ensure the need of water conservation for our

biological survival and to support the reduction of wastage of water.

3. A "Renovating Surroundings" to create awareness about cleanliness and unpollutedenvironment in villages.

4. Planting Saplings Program to create awareness about afforestation and theimportance of growing plants.

5. "International Yoga Day" was celebrated to make students mentally

and physically fit.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/events-gallery/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

03

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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

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

14

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

961

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

171

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

13

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution provides sufficient amenities as per the norms of AICTE and Visvesvaraya Technological University. As per the requirement, the management has provided and enhanced the infrastructure of the institution from time to time. The institution is spread across 25 acres campus with abundant green landscape with 23789 sq.m built up carpet area. College is actively trying to improve the quality of the knowledge imparted to the students by having IEDC Cell, Innovation centers, Incubation center, VLCI Lab, Centre of Excellence. All the departments have exclusive ICT enabled Classrooms , HOD rooms and department libraries. Several other facilities such as the seminar hall with 650 capacity , Sir M.Visvesvaraya AV Hall with 125 capacity are made available to the students to encourage them to participate in all events. Central Library has automated all its activities to provide better, effective and immediate service to user fraternity. The laboratory is furnished according to statutory norms. Each department is equipped with sufficient number of computers. The research center is also established to encourage and enable the students and faculty to analyze and carry out research-oriented projects in various emerging areas . An exclusive Placement cell with the required infrastructure is available for the conduct of training and placement activity.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/naac/

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

The institution gives high importance to instill the spirit of sportsmanship among the students to help them to learn discipline, leadership quality, team work and to lead a healthy life. **SPORTS AND GAMES FACILITIES** The Department of Physical Education facilitates the students with all the equipment in their practice and motivates them to participate in both the indoor and outdoor games and sports. A 200-metre athletic track and courts for Hockey, Cricket, Volleyball, Handball, and Throw Ball, Ko-Kho, Kabaddi, Archery etc are available to ensure the focus of the institute in providing extra-curricular activities of the students.

SSCE conducted VTU Bengaluru South-Zone Hockey Men and Bengaluru Zone Women Hockey Tournament, VTU Inter-Zone Hockey Women Tournament. Institute teams have been proving their excellence in various Inter and Intra-Institutional, University, National level competitions. There is a multipurpose Indoor Stadium housing Shuttle Badminton, Table Tennis, Chess and Carrom.

NCC was commissioned in the year 2021-2022.

CULTURAL FACILITIES AND ACTIVITIES

The institution has a Cultural Club for conducting various cultural activities to provide platform for the students to showcase their talents. The club conducts Cultural activities during various college level programs. There are nearly 30 different clubs pertaining to various topics of interest ranging from Adventure to Robotics and others.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2022/11/Sports-details.pdf

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/naac/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

9026659

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Sri Sairam College of Engineering Central Library works towards building user centric resources, integrate technological applications to augment resource management and service standards. Technology applications and automation in the library: ? Library is fully automated using EASYLIB software 3.0 version with OPAC facility ? Bar-coding Technology - all books and user Ids are bar-coded ? Online e-resource - Subscribed to vast collection of word standard electronic resources ? Remote access facility for accessing e-resources at user's convenience. ? Digital library with digital resource management facility & institutional repository ? Automated visitors management system ? CCTV surveillance system ? Automated feedback technology ? Automated stock tacking facility. ? Automated resource classification system ? NPTEL resources Easylib: is multifaceted software that accommodates all modern features required

for technical libraries. The front end of the software is Visual Basic and back end is SQL. The software enables automation of all types of resources, effective circulation, multi-query based search; versatile report generation; visitor management system, and auto-classification are the important features of the software.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://sairamce.edu.in/wp-content/uploads/2019/06/4.2.1-AUTOMATION-additional-information-1.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **B. Any 3 of the above**

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

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

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

5,74,852

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for

online access) (Data for the latest completed academic year)

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

21624

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

4.3 - IT Infrastructure

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

- The institution has a policy for periodical upgradation of the IT facilities. New IT infrastructure are created taking into consideration the requirements of the entire college.
- A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking.
- Speed of the internet connectivity is $120 + 4 = 124$ Mbps.
- Wi-Fi is authentication driven with restrictions at different levels to ensure maximum security. Wi-fi facility in all hostels are for 24 hrs.
- All computers in the campus are connected to the internet as it is essential for them to work, also surplus Ethernet ports are provided for laptops or other devices in need of internet connectivity.
- The college has more than 24 Wi-Fi hotspots provided to cover the wireless range.
- College is having a total of 477 computers.
- 418 computers are meant only for students usage.

All the labs are equipped by required software and hardware components.

YEAR 2021-2022 Number of Computers (in working condition) 477
Laptops 6 Servers 2 Wi-fi/Access Points/Switches 25 Printers (in
working condition) 50 Number of CCTV cameras 52

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2022/11/system-details.pdf

4.3.2 - Number of Computers

477

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

261,83,916

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Adequate in-house staff is employed to maintain hygiene, cleanliness and infrastructure on the campus to provide a congenial learning environment. • Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non-teaching staff assigned for each floor. Wash rooms and rest rooms are cleanly maintained. • The civil and electrical maintenance work is adequately monitored and maintained by the Estate officer. • Lab assistants under the supervision of the System administrator maintain the college computers and accessories. Periodic servicing and calibration of equipment/instruments are carried out in all the laboratories. • Every department maintains a stock register for the available equipment. Proper inspection and verification of stock are done in the end of every year. • Activities like fumigation, preservation of books from insects, dusts and shelving of reading materials are done on regular basis by library staffs. • The campus maintenance is monitored through surveillance Cameras. All properties/equipments work in the optimum condition in the campus. • Power supply is maintained by our technicians and electricity is supplied by electricity board/gensets for 24 hours. A Kirloskar-Make power generator (325-KVA and 125KVA) is installed in the campus to handle the occasional power shut down 212 KWP. Solar rooftop power plant has been maintained by the institution.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

483

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

251

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://sairamce.edu.in/events-gallery/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

625

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

625

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)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

106

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

01

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

03

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The institution has formed a committee with class representatives from each department which function as student council. The student committee communicates the issues and grievances of the students to

the competent authority. The members of the council are selected from each class through students.

Students have active representation on academic and administrative bodies and committees of the Institute. Each committee formed comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department.

The student members of each committee will meet once every month to discuss the areas of improvement related to various quality aspects of teaching learning, Co-Curricular & Extra-curricular Activities and student support.

Minutes of every meeting are maintained and the recommendations are communicated to the Internal Quality Assessment Committee through the student representatives of the IQAC.

Student representatives contribute their suggestions and views in the following committees.

1. Class Committee
2. Anti -Ragging Committee
3. Hostel & Canteen Committee
4. Outreach Programme Committee
5. Editorial Board
6. Sports & NSS Committee
7. Cultural Committee
8. Internal Complaints Committee
9. Innovation & Incubation Committee
10. Disciplinary Committee

File Description	Documents
Paste link for additional information	https://sairamce.edu.in/committee/
Upload any additional information	No File Uploaded

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

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

14

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

The Alumni association was registered in 2018 & actively participates in the overall development of the students. Alumni are invited as Guest, participate in entrepreneurship awareness camps, conduct workshops, Guest lectures, industry interactions, building references to the students aspiring higher education. Alumni Association helps in networking and offers job opportunities to the students.

The association adds value in participating in sorting out the challenges faced by the institution and offer technological solutions to it. The association also helps in setting up the startups and mentoring it. It helps students through peer learning. The association identifies economically backward students & issue academic scholarships every year.

During the pandemic Alumni Association connected Alumni all over the Globe with their juniors through Digital Platform under the banner Senior Talks small talks. Big Lessons...! In this Alumni shared their experience in various domains. These talks were very useful for the students, they participated actively. Alumni from Industry & Academia were invited as judges for Projects, Hackathons etc., Under the banner Ignite Alumni from Industry will be invited & invited talks will be delivered to bridge the gap between Industry & Academia.

Teachers are connected through social media like LinkedIn, Face book, Twitter and WhatsApp groups. The programs are tailor-made and focused to deliver the essentials of bridging the gap between the academia and industries. The alumni as volunteers contribute to the development of students and institution and be connected through digital media.

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

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

THE SYSTEM OF GOVERNANCE

The Founder-Chairman of Sri Sairam College of Engineering, Bangalore, MJF Lion Leo Muthu was an Indian Philanthropist, Educationist and Businessman, established the educational trusts for providing Engineering education with high standard. The college was established in the year 1997 and functions under Sapthagiri Educational and Charitable Trust.

The Institution is headed by Mr. Sai Prakash Leo Muthu; Chief Executive Officer & Chairman of Sapthagiri Educational & Charitable Trust. He is an Engineering Graduate with management skills. The Institution is managed by a Governing council consisting of eminent members of the Management, renowned academicians, eminent industrialists and prominent educationalists.

Vision:

To emerge as a "centre for excellence" offering technical education and research opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of social and human kind.

Mission:

We dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical education. To this end, we will pursue continuous development of infrastructure and enhance state of the art equipment to provide our students a technologically up to date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/vision-mission/
Upload any additional information	View File

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

Principal is the head of both the academic and administrative bodies including Internal Quality Assurance Cell. The Head of the Institution is the Governing Member Secretary of the Governing Council of the college. Heads of the Departments are empowered to execute the policies in each department. The faculty members are given privileges to express their opinions for the improvement of the college. They associate themselves in several initiatives and take part in the decision making process at all levels including the Governing Council Body. They act as members of many committees such as Discipline committee, Anti ragging Committee, R&D Committee and

Alumni Association Committee, etc., . They also actively take part in various college functions like Induction Day, College Day, and Sports Day etc. T Institute has more than 44 committees with different roles for effective implementation of the various Academic and non-academic matters. The management encourages the ideas given by the faculty pertaining to the growth and betterment of the college. Teaching fraternity engage themselves in various

club activities. The faculty members are nominated to be the members of institutions committees so that they can put forth their innovative ideas to achieve better results.

The organizational structure of the Institute supports in conducting the operation in a decentralized and transparent manner with due clarity of duties and responsibilities of concerned academicians, administrators, decision makers and faculty members at various levels. The case study pertaining to College Academic Committee-Teaching learning process as mentioned here to demonstrate Decentralization and Participative management.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2019/06/AcademicCalendar.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching learning process:

- In 2021-22, National Education Policy has been introduced by the Government of Karnataka and VTU.
- In 2021-22, the Institution introduced new courses in emerging areas like Artificial Intelligence and Machine Learning along with BSc Honours.

Research & Development:

- In 2021-22, many project proposals will be submitted to KSCST,

VGST, VTU-TEQIP and AICTE. In addition to that proposal for conduction of 1 week and 2 weeks workshops, seminars also submitted to AICTE

Library, ICT & Physical Infrastructure

Central Library works towards building user centric resources, integrate technological applications. To augment resource management and service standards. Library enriched with all necessary infrastructure to support automation, digital resources management, and online information Services to support both offline and online learning for users.

HR management

- Activities Related Right from Entry to Exit everything governed by the HR department. HR is responsible for selection, recruitment, Promotion, Exit Interview, Suspension, Dismissal etc., specific Procedure will be followed As Per VTU & AICTE Norms for both teaching and non-teaching. Staff Recruitment is executed Asper the following procedure. Collection of Human Resources from the Department Heads

industry interaction / collaboration

- Guest lecturers are being conducted by the Industrial Experts. The Effective function of Entrepreneurship Development Cell is organizing various Programmes and Exhibitions. Industrial Visits are conducted for the students. Alumni from reputed companies and Entrepreneurs are invited for formal discussion with the students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://sairamce.edu.in/library-old/
Upload any additional information	No File Uploaded

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

The Governing Council at Sri Sairam College Engineering is a very active group involved in the monitoring and continuous development of the Institute. The members of this body are people with vast knowledge and experience in the field of academics, research, industry and administration. Sri Sairam College Engineering's Board of Governing council has the advantage of having experience in both the educational and corporate environment enabling us to design and implement a system that bridges the gap between education and industry requirements. The Governing Council meets once in six months and interacts with industry experts, faculty, students and corporate to understand the improvement areas during Induction day and Graduation day

Board of Governance

Governing Council

- Responsible for monitoring the overall performance of the institution.
- The committee meets twice in a year to review the performance and provides suggestions in the areas of improvements.

Grievance Redressal Mechanism

A committee consisting of four members (two women faculty). Grievances from the students, faculty or staff if received is discussed and the necessary action is initiated by Grievance Redressal Committee

Service Rules, Recruitment and Promotion Policy :

The service rules & promotion policy procedures are framed in accordance with the norms of AICTE & VTU

Recruitment

The recruitment procedure is as follows:

- Submission of staff requirements by HODs to the Principal. Advertising the staff requirements in leading newspapers, social media, Facebook, LinkedIn, Faculty plus etc.
- Constitution of the selection committee.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/library-old/
Link to Organogram of the institution webpage	http://sairamce.edu.in/wp-content/uploads/2019/06/6.2.2ORNOGRAM.pdf
Upload any additional information	No File Uploaded

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	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for non-teaching staff

- Educational support to the children of the staff
- Marriage gifts with the sanction of one week leave
- Granting medical leave / maternity leave
- Medical Support from our Indian Medical Systems
- Free transport facilities
- Special Study Leave SSL for higher studies
- Incentive for attending orientation programmes, workshops and conferences
- Gifts during Teachers' Day celebrations
- Free uniform for non-teaching staff & housekeeping staff
- Incentive for vehicle utilization or transport allowance for non-teaching staff
- Subsidiary canteen fare for non-teaching staff
- Group Insurance

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

08

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

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

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

46

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Faculty Appraisal Process:

Faculty appraisal is conducted every year for all the faculties on a scale of 1000 points covering Academic, Mentoring, Research and Administrative achievements.

The management evaluates the performance of the faculty based on teaching, research, participation in teamwork, arranging co-curricular and extracurricular activities and publication works. The scaling or weightage is customized for different grades of faculties such as Assistant professor, Associate professor and Professor. While professors are expected to contribute more on research and administrative support the other two grades will concentrate on academic and mentoring. A self-evaluation followed by the presentation to the Academic head Principal and top management will be done. The appraisal system motivates the staff to excel and put forth the best of their efforts. Staff retention is one among the strengths of the institution.

The following factors are deeply analysed in the appraisal system for teaching staff Experience

- Frequency of mentor - mentee interaction, effectiveness of counseling sessions and the way of recording the interactions. Quality of Lecture videos including additional multimedia contents in the PPTs, executing and documenting content beyond syllabus, documenting remedial classes, innovative pedagogical initiatives.
- Innovative teaching practices

The following factors are deeply analysed in the appraisal system for non-teaching staff

- Experience
- Skill upgradation through Orientation Programs, Refresher Course, Short Term Courses and Staff Development Programs
- Higher Studies
- Feedback from HOD and Principal
- Active participation in team work
- Work Discipline
- Outstanding Achievements in their studies
- Participation in Community services

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal Audit is performed by officials deputed from Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors after 30th June of the subsequent year.

During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidence wherever inadequate in respect of payments, and compliances of T.D.S. Voucher checking,

petty cash maintaining and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the Internal audit report covering all matters related to maintenance of accounts is preserved.

Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with the Trust Central office has been completed and the annual returns have been submitted to the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

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

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

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Sri Sairam College of Engineering is a self-financing Technical Institution.

It mobilises funds through:

- Tuition and college fees.
- Bank loan

- Hire purchase

Sri Sairam College of Engineering has a well-defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities. The institute is being run with self sufficient funds generated from tuition fee and other miscellaneous incomes. In case of shortage of funds, the management supports by providing the finance.

Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections. Apart from the tuition fee, the resource mobilization is mainly done through Conduction of online exams for Higher education through government sectors like NEET, AYUSH, COMEDK, JEE

- Conduction of Online exams for government sectors like Air force Exam
- Consultancy Project
- Fee for workshops and skill enhancement activities Grants from AICTE/ VTU/KSCST/VGST

Optimal utilization of funds :

- Salary for teaching and non-teaching staff,Electricity and campus maintenance
- Internet service providers charges Applicable statutory taxes Repairs and replacement of equipment
- The management reviews all the financial activities regularly through scrutiny of budgets and expenses every year.Through centralized purchase the funds are monitored and utilized inan effective manner.
- AMC charges for system maintenance and Air conditioners etc
- Library books purchases,Expenses for workshops, Seminars, Conferences and Faculty Development Programmes and other co-curricular Staff welfare measures.

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

6.5 - Internal Quality Assurance System

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

At the beginning of every academic year IQAC frames an action plan and ensures its proper implementation for overall development of the students. Quality assurance strategies and best practices to be institutionalized are discussed in the IQAC meetings and decisions taken are communicated to the staff by the Principal. Two institutionalized practices

1. Pre Final year and Final year project exhibition:(CARPIEDIEM)

The IQAC suggested that the students can plan their projects in the pre-final year. A project exhibition is conducted by the departments of CSE, ECE, EEE, and MECH in the even semester. It has been made compulsory for all the students to undertake a mini project, even though it is not a part of the syllabus of the affiliating University.

This is an initiative taken by the IQAC for doing a quality project in the final year. Apart from this mini project exhibition, there is a project exhibition in the eighth semester in which the students of all departments exhibit their projects.

Experts are invited from Industry and Academic institutions to judge the projects exhibited by the students.

ii) Content beyond the syllabus and Skill rack online programming

The teaching learning process is continuously monitored and reviewed by the HoD's and reported to the Principal and the management. The contents of this type of lecture are beyond the syllabus and they expose the industry

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/report-on-carpe-diem22/
Upload any additional information	View File

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

Sri Sairam College of Engineering has a well-designed methodology to operate teaching- learning process and its IQAC continuously reviews the same.

ICT Coordinators constituted by IQAC reviews the periodical course coverage, extra classes at week end, use of ICT facility by faculty members, conduction of doubt clearing classes, students attendance in each class, discipline in classroom, conduction of lab experiments beyond syllabus, faculty punctuality in class room, conduction of quiz tests, surprise tests, internal tests in time with strict invigilationetc.

In addition to classroom teaching, focusing on innovative and student centric learning; regular peer teaching, experiential learning, guest lecture, brainstorming by students for the problem assigned by teacher, industrial lecture, seminars, workshops, study tour, industry visits, industrial projects, skill training, ICT learning are adopted, enrolment of students in Coursera, NPTEL courses, PEGA, IBM ACADEMIC INITIATIVES, students encouraged to refer e- journals and the same reviewed by IQAC.

Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains. Through these video classes students are exposed to have a thorough understanding of the processes through visual means with maximum impact and this encourages them to focus on their project work too. The students and faculty members are encouraged to register for the NPTEL (National Programme on Technology Enhanced Learning) online courses initiated by IITs and IISc.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/digital-classroom/
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Our college takes the safety of its students very seriously. We have trained security guards at both gates of the college, and our campus and classrooms are under CCTV surveillance. If any issue arises, it will be dealt with immediately and fairly, regardless of the gender of the person involved. Our college buses are also equipped with GPS tracking systems, so students can travel safely.

We have a strong mentoring system in place, with each staff member assigned 20 students (of both genders). Each student has a separate mentor record that contains their personal and academic details. Mentors meet with their students regularly to provide counselling

and support. Female students are encouraged to share their feelings and grievances with female faculty members, who will then discuss the matter with the HOD or Principal, depending on the severity of the issue. Our college has also provided separate rooms for female students and faculty members, which can be used in case of emergency.

In general, we are committed to providing a safe and secure environment for all our students.

File Description	Documents
Annual gender sensitization action plan	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.1-Annual-Gender-Sensitization-Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.1-Safety-and-Security-Planning-1.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

The college has a strong waste management system in place. All waste is segregated at source and disposed of properly. Wet waste from the hostels and canteen is given to farmers in nearby villages to make us as a eco-friendly fertilizers. Waste paper and stationery is sold to recycling vendors. Wastewater is reused to irrigate plants and trees on campus. The college has also developed a procedure for e-

waste disposal. Computer generated waste and out-of-use parts are collected by a designated person from the management and sent for recycling.

The college's waste management system is beneficial to the environment and the surrounding community. The reuse of wastewater helps to conserve water resources. And the recycling of e-waste prevents harmful chemicals from entering the environment.

The college is committed to environmental sustainability and is constantly looking for ways to improve its waste management system. By following these practices, the college is helping to protect the environment and make a positive impact on the community.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: B. Any 3 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
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	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 socioeconomic and other diversities (within 200 words).

Our institute is committed to providing an inclusive environment for all students, staff, and faculty. We celebrate cultural, regional, linguistic, communal, socioeconomic, and other diversities through events, festivals, and activities. We have also taken up important initiatives like Swachh Bharat Abhiyan and Unnat Bharat Abhiyan.

Our students' cultural events reflect the diversity of our student body through musical and cultural performances. We ensure that English is the common professional language during working hours, which helps to assimilate linguistic differences.

We have a long-standing commitment to our social responsibilities. The NSS Cell has undertaken many socially responsible drives, including charity initiatives for the underprivileged. We also provide support to differently-abled students, staff, and faculty through ramps, lift facilities, and designated assisting staff members. We believe that diversity is our strength, and we are committed to creating an environment where everyone feels welcome and valued. Student Induction Program is organised.

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

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

The institute is committed to the philosophy of the Indian Constitution, both in word and spirit. The institute displays a copy of the Constitution Preamble in the reception area of the main office building to show its value for the document. On Constitution Day, the institute pledges allegiance to the Constitution by reciting the Preamble aloud. The institute also focuses on instilling a sense of responsibility in its students towards the Constitution through various efforts, such as the New India Pledge taking ceremony on Republic Day and Independence Day. As part of the curriculum, a non-credit course on the Constitution of India/Essence of Indian Knowledge & Traditions is offered.

The institute also believes in community service and regularly conducts Swacch Bharat Abhiyaan. In association with NGOs, blood donation camps are organized every year under the National Service Scheme (NSS) to raise awareness about the need for more blood donors. The institute also celebrates Founder's Day every year by planting trees on campus.

In General, the institute is committed to the values of the Indian Constitution and community service, and it strives to instil these values in its students through various initiatives.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.9-Supporting-document-2021-22.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff **B. Any 3 of the above**

4. Annual awareness programmes on Code of Conduct are organized

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

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

The future of any society depends upon the character and competence of its Youths. In order to develop character and competence, young people need guidance to provide them with direction and a sense of purpose. They need to experience activities that are challenging, inspiring, and educative. In our institution we develop Our students who will be enabled to excel in all values of life and become Good Citizen. In our Institution we celebrate the following Various National Level Festivals to bring the unity among the students' community, who had come from various states, as well as to make them understand the Traditional Value of various culture.

Sankaranthi Festival

- Republic Day
- Independence Day
- Ganesha Festival
- Ayudha Pooja Festival
- Kannada Rajyotsava etc.

To make them to realise the human values we at our college make our students to celebrate

- Teachers' Day on the occasion on Dr. Radhakrishnan Birthday
- Engineers' Day on the occasion of Sir M Visvesvaraya' Birthday
- Basava Jayanthi on the occasion of Vishwaguru Basavanna's Birthday

• **Dr. APJ Abdul Kalam's Anniversary Remembrance Day**

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

7.2 - Best Practices

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

Best Practice 1

Active Engagement with Industry

Objectives:

- To provide students with real-world experience and exposure to the latest industry trends.
- To build relationships with industry partners and facilitate collaboration on research and development projects.
- To ensure that the curriculum is relevant to the needs of the industry and that graduates are prepared for the workforce.

Best Practice 2

Introduction of Sairam RAISE

Objective:

- To raise the aspiration of each and every individual at Sairam.
- To instill an ambition and attitude that we can achieve whatever we set our minds to.
- To help each one of us to improve as individuals and reach

where we want to be in our lives.

File Description	Documents
Best practices in the Institutional website	http://sairamce.edu.in/wp-content/uploads/2019/06/7.2.1-BEST-PRACTISE-1.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

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

The goal of education institutions is to help students develop the skills and knowledge they need to be successful in their careers and to contribute to society. Our institution is committed to ensuring that all students have the opportunity to become perfect professionals, and we believe that the MAGIC model is a key part of achieving this goal.

The MAGIC model is a framework for helping students develop the five key qualities that are essential for success in the 21st century:

- **Mastermind:** The ability to think critically and creatively, and to solve problems effectively.
- **Advocate:** The ability to communicate effectively and to advocate for oneself and others.
- **Guide:** The ability to be mentors and role models for others.
- **Influencer:** The ability to use one's skills and knowledge to make a positive impact on the world.
- **Communicator:** The ability to communicate effectively in a variety of settings, both oral and written.

The MAGIC model is based on the belief that all students have the

potential to be successful, regardless of their background or circumstances. The model provides students with the platform they need to develop their skills and talents. By practicing the MAGIC models, our institution is committed to providing students with the best possible education and to helping them become successful professionals who can make a positive impact on the world.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Sri Sairam College of Engineering is committed to the basic values of Higher Engineering education by providing all the support required for effective implementation of the policies through excellent infrastructure with well documented procedures. The curriculum delivery process starts with the syllabus of the University and ends with the feedback from the students which is used for continual improvement.

- The institution has taken special initiatives for effective curriculum delivery. It starts with an academic calendar prepared at the beginning of each semester with all the activities.
- Each department Head instructs and guides the entire faculty to prepare a detailed lesson plan with all the parameters.
- Sairam ensures quality education through ICT based Teaching & Learning Process.
- We have a well-equipped digital library which provides modern web based teaching materials and encourages the faculty to use them regularly.
- Faculties are encouraged to attend various Faculty Development Programs to enrich skills in their specific domains.
- Faculties and students are encouraged to register self-learning courses via online platforms to strengthen their knowledge to make effective curriculum delivery.
- Every student has been assigned with a mentor to share their academic difficulties.
- Video Lectures and Google Classrooms are used during the corona pandemic period.

- The Academic Council also ensured the quality of video lectures was good and covered the entire syllabus.
- Lab demonstration videos are prepared and shared with the students.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

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

In pursuance of its action plan for performance evaluation, IQAC has formed a Centralised IA Cell. Each department has nominated IA & IQAC coordinator. Academic Calendar is prepared before commencement of each semester with all academic activities apart from dates of all 3-IA Tests. Academic Calendar is distributed at the beginning of the semester to all faculties to cover the syllabus as per lesson plan before each IA Test by dividing the syllabus into 3 parts. IA Test Question Paper with BTL and CO is set by subject handling faculty and reviewed by department IQAC Coordinator. Before commencement of each IA test, 2-question papers with schemes for each course are submitted to the Head of the Department which is reviewed by the department IQAC Coordinator for internal question paper evaluation and approved by HOD. Out of 2-QPs, one is selected by the Centralised IA Cell and the other is used for additional test. Internal Question Paper Evaluation is structured by the head of the centralised IA cell which is approved by the Principal. As per requirement, respective dept. IA Coordinator submitted the photo copies of selected question papers to the head of the centralised IA cell which is kept confidential in the centralized IA Cell. All IA Tests are conducted like university exams by the Centralised IA cell

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

14

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

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data

requirement for year: (As per Data Template)**33**

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

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**692**

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Professional Ethics

To create knowledge about professional ethics,VTU included the Constitution of India,Professional Ethics&Cyber Law(18CPC39/49) as a part of curriculum.ECE&MECH students studied during ODD and EEE&CSE in EVEN Semester.

Gender

College organized International Women's Day celebration in blended mode on 08/03/2022 at AV hall,SSCE with the theme "Gender Equality today for a sustainable tomorrow" & conducted online quiz program through zoom platform for students and faculties.The Chief Guest Ms.Jevitha Sathyanarayan,Manager, HR, ZOHO Corporation.

Human Values

College conducted a 21days SIP for 1st year students from 16.12.2021 to 13.01.2022. UHV session was delivered by resource person, Prof. Malini K V, Dr. Harikrishna S & Prof. Prakash V, Faculty, SSCE, Bengaluru.

Environment

Environmental Studies(18CIV59) included in VTU curriculum & all branch students studied during ODD Semester. Green initiative activities done in the campus

Sustainability

Yoga and Equilibrium Club in association with NCC and NSS team of the college celebrated 8th International Yoga Day on 21/06/2022 at the indoor stadium in SSCE, Anekal. The chief guest was Mr. Venkatadri Rajan, Director, Shastri's Yoga School, Bangalore.

AICTE 100 Credit Points

AICTE has initiated activities to promote students at graduate level in technical institutes. Our students did activities in and around Anekal villages related to developing a sustainable water management System, helped the school students to achieve good results, Skill Rural Population and manage an efficient garbage disposal system.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

09

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

443

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	http://sairamce.edu.in/wp-content/uploads/2019/06/1.4.1_Stakeholders-Feedback-Report_2021-22.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://sairamce.edu.in/wp-content/uploads/2019/06/1.4.2_Action-taken-report-as-stated-in-minutes-of-Governing-Council-.pdf.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

420

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

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

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

331

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

2.2 - Catering to Student Diversity

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

Our institution organizes 21 Days Student Induction Program (SIP) for the newly admitted students on every academic year to bridge the gap at the entry level for the regular students before the commencement of their classes. As per VTU and AICTE guidelines before beginning of regular classes, the institute ensures conduction of bridge course for three weeks to bring all students at par on basic engineering concepts and Universal Human Values (UHV).

The students were categorized as slow learners, average learners and advanced learners, based on the marks obtained by the students in internal assessment and their class performance. Remedial and tutorial classes organized for the slow learners were conducted in the evening after 4 pm for the slow learners to clarify doubts, explanation of critical topics for improving their academic performance. Revision of important topics in the failed subjects are done and monitored continuously.

Irrespective of the streams the students were given an opportunity to enhance their skills and knowledge in programming through Skillrack portal. The institute has a higher education cell to guide the advanced learners, who wish to do their higher studies in abroad.

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

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

Number of Students	Number of Teachers
935	86

File Description	Documents
Any additional information	No File Uploaded

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

Participative Learning: Interactive learning through regular classes supported with seminars, quiz, role play, debates, brain storming sessions etc. Students are also encouraged to interact during the lecture hours by getting the doubts clarified on the spot. Our college is unique in having a club/ association with every department which organizes number of student centric activities. Alumni are invited for guest lectures under the banner SENIOR TALKS.

Experimental learning: Students do 2 laboratory courses per semester from 1st to 7th semesters and students of 2021 scheme do integrated professional core course to have strong practical exposure towards the concepts. More than the required number of experiments, beyond the minimum specified by the university is performed. Technical Societies and Student chapters of National/International Associations are active and students are encouraged to present technical papers at National/ International Conferences.

Problem Solving Learning: Institute motivates students to participate in various technical events like Smart India Hackthons, Project competitions, idea submission contest in various government and non government events etc. By conducting tutorials, the students will have better understanding of the course. The students are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum to enhance their advanced learning.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. The presence of Information and Communication Technology (ICT) undoubtedly allows new ways of learning for students and teachers and helps the latter to interact with students. As a consequence, the facilitators are combining the latest technology with the traditional mode of instruction to engage students in long term learning. The following tools are used by the Institute

ICT Tools:

1. Projectors- Each of the lecture Hall has been fixed with Projectors and effective audio system ,E-Shikshana Hall
2. Conduction of Online class through Zoom, Google Meet, Microsoft Team, Google Classroom.
3. Google classroom is used to manage and post course related information- learning record material, quizzes, lab submissions and evaluations, assignments, etc.

Use of ICT by Faculty

A. Facilitators are encouraged to use power-point presentations in standard department format for effective lecture delivery by using LCD's and projectors supported by digital library, online search engines and websites to prepare effective presentations. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.

B. Recorded Lecture is made available to all the students for long term learning and future referencing in SAIRAM Youtube Channel.

C. Facilitators use various ICT tools for conducting workshops on latest methods such as SPSS, Programming languages, simulations etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

86

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

2.4 - Teacher Profile and Quality

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

86

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

13

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

86

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Sri Sairam college of Engineering is affiliated to VTU and the evaluation processes as per VTU norms. The same was communicated to the students through syllabus copies, issued in the beginning of first year of their academic program. As per the University guidelines three internal Assessment tests were conducted for 2017, 2018 and 2021 Schemes. Internal Assessment tests for 2015 and 2017 Schemes were conducted to a maximum of 30 marks, whereas the 2018 and 2021 scheme were conducted for 50 Marks. For 2017, 2018 and 2021 Schemes all the three internal Assessment Marks were considered to calculate the average Internal Assessment Marks.

Centralized examination Cell is framed in our institution to conduct exam related activities. The question papers were framed considering the blooms taxonomy level that was specified in the syllabus book for the subject and the questions were mapped towards the course outcome and program outcome. Internal

assessment question papers are reviewed in prior by the IQAC coordinator of each department. . Complete transparency is maintained during the conduction of IA, and the evaluation of scripts. 10% of internal assessment scripts were reviewed by other subject expert. In case of any discrepancy found by the reviewer will be intimated to the head of the department and necessary action will be taken. All answer books are preserved and documented as per university norms. Theory subjects IA marks is evaluated through internal assessment test marks and activity marks.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The institution is affiliated to VTU and University has its own system for redressed of grievances.

1. Scheme and Solution are prepared by concerned faculty and based on this evaluation process is implemented. Complete transparency is maintained during the conduction of internal assessment tests, and the evaluated scripts were disclosed to the students for clarification.

2. After reviewing the answer booklet if the student deserves more marks he/she can ask the clarification for the given marks according to the scheme prepared.

3. At institution level, grievances related to evaluation are normally redressed by the concerned faculty/Head of the Department/Principal depending on the intensity of the problem.

4. The students against malpractice cases are registered in the internal assessment / model examination are dealt with judicially.

5. Materials of copying are confiscated and their records are maintained. The students are given opportunity to clarify their stand.

6. The institute constitutes a committee to look into the matter and appropriate measures are taken transparently within the time limit.

7. The students can discuss their grievances regarding Class tests, internal evaluation process with Mentors, Class teachers. If not resolved then students can approach to Head of the department and Principal.

8. All complaints are addressed with utmost priority and solved in minimal time.

9. Parents are informed about evaluation process during parents meet, induction program and directed to visit the university websites.

10. Retests were conducted to the students who apply well in advance for the same with genuine reasons.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	http://grievance.sairamce.edu.in//

2.6 - Student Performance and Learning Outcomes

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

Outcome Based Education (OBE) is implemented to give emphasis on what is expected from the students when they finish their course in the form of Course Outcomes. In line with Course Outcomes, Program Specific Outcomes (PSOs) and Program Outcomes (POs) are then attained to measure the performance of the students. This OBE is mandatory in all regulating bodies like NBA, NAAC and other Accreditation Committees .A set of Program Outcomes are given by the AICTE to be followed by all the institutions. Keeping all the Program Outcomes in mind every department prepares its Program Specific Outcomes. Based on the Program Outcomes and Program Specific Outcomes, the faculty of all departments then prepares the Course Outcomes for all the courses offered by the University.

Every Department of the Institution publishes its Program

Specific Outcomes (PSOs) along with the Program Outcomes (POs) given by AICTE and Course Outcomes (COs) of all its courses in the college website. POs and PSOs are displayed in Staff rooms, Offices of Heads of Departments, all the classrooms, corridors and laboratories. CO is displayed in display boards of laboratories. Students and staff are made aware of these through various meetings, classroom teaching, lab experiment, and interaction sessions. Program Outcomes (POs) and Program specific Outcomes (PSOs) are discussed in student induction program; to aware what they are going to learn. The course outcomes are also communicated to students through Internal and Assignment question papers wherein every question is provided with the CO it belongs to Concern.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The attainment of Program Outcomes and Program Specific Outcomes is evaluated by taking 80 % of the Direct Assessment and 20 % of the Indirect Assessment.

Procedure for Attainment through Direct Assessment (80%): Course Outcomes (COs) and Program Outcomes (POs)/Program Specific Outcomes (PSOs) based on the below given conditions: If the concept of CO is matched 80% or more with the concept of PO's (or) PSO's, it's mentioned as level 3 (Highly Related) In between 60% to 80% with the concept of PO's (or) PSO's, it's mentioned as level 2 (Moderately Related) Less than 60% with the concept of PO's (or) PSO's, it's mentioned as level 1 (Slightly Related).

Direct Assessment Tools: Internal Assessment (IA for 50 marks) is conducted thrice in a semester to assess student's knowledge in the various subjects taught by the faculties in respective semester. Semester End Examination (SEE) (University Level for 60 marks): This examination is conducted at the end of the semester. Internal assessment and University Examination results serve as an input for calculating attainments of all the outcomes.

Procedure for Attainment through Indirect Assessment (20%): This indirect assessment contains feedback from various stakeholders such as alumni, parents, students, faculty and employer along with survey. Based on the feedback collected in a scale of 5 which is then converted to scale of 3 to match with the Direct Assessment. The final PO and PSO attainment is calculated by adding 80% of Direct Assessment and 20% of Indirect Assessment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://sairamce.edu.in/computer-science-engineering/

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

151

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

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)

<http://sairamce.edu.in/wp-content/uploads/2019/06/2.7.1Student-Satisfaction-Survey-SSS.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

17.01

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

03

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

05

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Sairam Innovation Ecosystem has planned to use the concept of Ideathon, Solvethon, Innovathon, Inspireathon from the year 2021-2022.

Ideathon - In the first year, the team of students thus formed shall have to propose an idea in their area of interest.

Solvethon- The team of students thus formed shall have to propose the solution of their idea they proposed earlier. These solutions will be evaluated by a panel of internal/external experts.

Innovathon- The team of students thus formed shall have to propose the solution in an innovative manner and will be evaluated by a panel of internal/external experts.

Inspireathon- The team of students thus formed shall have to implement the solution and will be evaluated by a panel of internal/external experts.

Every student shall undergo Skillrack program 1st semester and goes up to 7th semester which increases their coding skills to code their projects.

The Sustainable Development Goals (SDGs) are a collection of 17 Global Goals that were adopted by all United Nations Member of States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. Students are encouraged to do the projects in align with the sustainable development goals.

College conducts coding contest and HACKTHONS through IIC Cell. Through this activities student will get inspiration about innovations.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://sairamce.edu.in/slmic/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

28

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

00

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

20

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

25

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The College regularly conduct the extension activities in the tribal villages, adopted villages and weaker sections of the societiesto arouse social consciousness of the students by providing themopportunities to work with and among the people.

Our college supports students to understand the community in which they work towards identifying the need and problems of the social and involve them in problem solving process.

Extension programmes selected by our students aims to develop competence required for group- living and sharing of responsibilities, acquire leadership qualities.

Many events were conducted by NSS andStudent Volunteer few of them are as follows.

1. Our college conductedAwareness program on PM Kisan Samman Nidhi to farmer about the benefits for the farmers from thecentral government.

2. Cleanliness and Water Treatment Programto ensure the need of water conservation for our

biological survival and to support the reduction of wastage of water.

3. A "Renovating Surroundings" to create awareness about

cleanliness and unpolluted environment in villages.

4. Planting Saplings Program to create awareness about afforestation and the importance of growing plants.

5. "International Yoga Day" was celebrated to make students mentally and physically fit.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/events-gallery/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

03

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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

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

14

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

961

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

171

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate

houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

13

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution provides sufficient amenities as per the norms of AICTE and Visvesvaraya Technological University. As per the requirement, the management has provided and enhanced the infrastructure of the institution from time to time. The institution is spread across 25 acres campus with abundant green landscape with 23789 sq.m built up carpet area. College is actively trying to improve the quality of the knowledge imparted to the students by having IEDC Cell, Innovation centers, Incubation center, VLCI Lab, Centre of Excellence. All the departments have exclusive ICT enabled Classrooms, HOD rooms and department libraries. Several other facilities such as the seminar hall with 650 capacity, Sir M. Visvesvaraya AV Hall with 125 capacity are made available to the students to encourage them to participate in all events. Central Library has automated all its activities to provide better, effective and immediate service to user fraternity. The laboratory is furnished according to statutory norms. Each department is equipped with sufficient number of computers. The research center is also established to encourage and enable the students and faculty to analyze and carry out research-oriented projects in various emerging areas. An exclusive Placement cell with the required infrastructure is available for the conduct of training and placement activity.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/naac/

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

The institution gives high importance to instill the spirit of sportsmanship among the students to help them to learn discipline, leadership quality, team work and to lead a healthy life. **SPORTS AND GAMES FACILITIES** The Department of Physical Education facilitates the students with all the equipment in their practice and motivates them to participate in both the indoor and outdoor games and sports. A 200-metre athletic track and courts for Hockey, Cricket, Volleyball, Handball, and Throw Ball, Ko-Kho, Kabaddi, Archery etc are available to ensure the focus of the institute in providing extra-curricular activities of the students.

SSCE conducted VTU Bengaluru South-Zone Hockey Men and Bengaluru Zone Women Hockey Tournament, VTU Inter-Zone Hockey Women Tournament. Institute teams have been proving their excellence in various Inter and Intra-Institutional, University, National level competitions. There is a multipurpose Indoor Stadium housing Shuttle Badminton, Table Tennis, Chess and Carrom.

NCC was commissioned in the year 2021-2022.

CULTURAL FACILITIES AND ACTIVITIES

The institution has a Cultural Club for conducting various cultural activities to provide platform for the students to showcase their talents. The club conducts Cultural activities during various college level programs. There are nearly 30 different clubs pertaining to various topics of interest ranging from Adventure to Robotics and others.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2022/11/Sports-details.pdf

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

30

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sairamce.edu.in/naac/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

9026659

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Sri Sairam College of Engineering Central Library works towards

building user centric resources, integrate technological applications to augment resource management and service standards. Technology applications and automation in the library: ? Library is fully automated using EASYLIB software 3.0 version with OPAC facility ? Bar-coding Technology - all books and user Ids are bar-coded ? Online e-resource - Subscribed to vast collection of word standard electronic resources ? Remote access facility for accessing e-resources at user's convenience. ? Digital library with digital resource management facility & institutional repository ? Automated visitors management system ? CCTV surveillance system ? Automated feedback technology ? Automated stock tacking facility. ? Automated resource classification system ? NPTEL resources Easylib: is multifaceted software that accommodates all modern features required for technical libraries. The front end of the software is Visual Basic and back end is SQL. The software enables automation of all types of resources, effective circulation, multi-query based search; versatile report generation; visitor management system, and auto-classification are the important features of the software.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://sairamce.edu.in/wp-content/uploads/2019/06/4.2.1-AUTOMATION-additional-information-1.pdf

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

B. Any 3 of the above

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

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

during the year (INR in Lakhs)

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

5,74,852

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

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

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

21624

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

4.3 - IT Infrastructure

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

- The institution has a policy for periodical upgradation of the IT facilities. New IT infrastructure are created taking into consideration the requirements of the entire college.
- A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking.
- Speed of the internet connectivity is 120 + 4 = 124 Mbps.
- Wi-Fi is authentication driven with restrictions at different levels to ensure maximum security. Wi-fi facility in all hostels are for 24 hrs.

- All computers in the campus are connected to the internet as it is essential for them to work, also surplus Ethernet ports are provided for laptops or other devices in need of internet connectivity.
- The college has more than 24 Wi-Fi hotspots provided to cover the wireless range.
- College is having a total of 477 computers.
- 418 computers are meant only for students usage.

All the labs are equipped by required software and hardware components.

YEAR 2021-2022 Number of Computers (in working condition) 477
Laptops 6 Servers 2 Wi-fi/Access Points/Switches 25 Printers (in working condition) 50 Number of CCTV cameras 52

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2022/11/system-details.pdf

4.3.2 - Number of Computers

477

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

261,83,916

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Adequate in-house staff is employed to maintain hygiene, cleanliness and infrastructure on the campus to provide a congenial learning environment. • Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non-teaching staff assigned for each floor. Wash rooms and rest rooms are cleanly maintained. • The civil and electrical maintenance work is adequately monitored and maintained by the Estate officer. • Lab assistants under the supervision of the System administrator maintain the college computers and accessories. Periodic servicing and calibration of equipment/instruments are carried out in all the laboratories. • Every department maintains a stock register for the available equipment. Proper inspection and verification of stock are done in the end of every year. • Activities like fumigation, preservation of books from insects, dusts and shelving of reading materials are done on regular basis by library staffs. • The campus maintenance

is monitored through surveillance Cameras.
All properties/equipments work in the optimum condition in the campus. • Power supply is maintained by our technicians and electricity is supplied by electricity board/gensets for 24 hours. A Kirloskar-Make power generator (325-KVA and 125KVA) is installed in the campus to handle the occasional power shut down 212 KWP. Solar rooftop power plant has been maintained by the institution.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

483

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

251

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://sairamce.edu.in/events-gallery/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
625	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
625	
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)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

106

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

01

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

03

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The institution has formed a committee with class representatives from each department which function as student council. The student committee communicates the issues and grievances of the students to the competent authority. The members of the council are selected from each class through students.

Students have active representation on academic and administrative bodies and committees of the Institute. Each committee formed comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department.

The student members of each committee will meet once every month to discuss the areas of improvement related to various quality aspects of teaching learning, Co-Curricular & Extra-curricular Activities and student support.

Minutes of every meeting are maintained and the recommendations are communicated to the Internal Quality Assessment Committee through the student representatives of the IQAC.

Student representatives contribute their suggestions and views in the following committees.

1. Class Committee
2. Anti -Ragging Committee
3. Hostel & Canteen Committee

4. Outreach Programme Committee
5. Editorial Board
6. Sports & NSS Committee
7. Cultural Committee
8. Internal Complaints Committee
9. Innovation & Incubation Committee
10. Disciplinary Committee

File Description	Documents
Paste link for additional information	https://sairamce.edu.in/committee/
Upload any additional information	No File Uploaded

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

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

14

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The Alumni association was registered in 2018 & actively

participates in the overall development of the students. Alumni are invited as Guest, participate in entrepreneurship awareness camps, conduct workshops, Guest lectures, industry interactions, building references to the students aspiring higher education. Alumni Association helps in networking and offers job opportunities to the students.

The association adds value in participating in sorting out the challenges faced by the institution and offer technological solutions to it. The association also helps in setting up the startups and mentoring it. It helps students through peer learning. The association identifies economically backward students & issue academic scholarships every year.

During the pandemic Alumni Association connected Alumni all over the Globe with their juniors through Digital Platform under the banner Senior Talks small talks. Big Lessons...! In this Alumni shared their experience in various domains. These talks were very useful for the students, they participated actively. Alumni from Industry & Academia were invited as judges for Projects, Hackathons etc., Under the banner Ignite Alumni from Industry will be invited & invited talks will be delivered to bridge the gap between Industry & Academia.

Teachers are connected through social media like LinkedIn, Facebook, Twitter and WhatsApp groups. The programs are tailor-made and focused to deliver the essentials of bridging the gap between the academia and industries. The alumni as volunteers contribute to the development of students and institution and be connected through digital media.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

THE SYSTEM OF GOVERNANCE

The Founder-Chairman of Sri Sairam College of Engineering, Bangalore, MJF Lion Leo Muthu was an Indian Philanthropist, Educationist and Businessman, established the educational trusts for providing Engineering education with high standard. The college was established in the year 1997 and functions under Sapthagiri Educational and Charitable Trust.

The Institution is headed by Mr. Sai Prakash Leo Muthu; Chief Executive Officer & Chairman of Sapthagiri Educational & Charitable Trust. He is an Engineering Graduate with management skills. The Institution is managed by a Governing council consisting of eminent members of the Management, renowned academicians, eminent industrialists and prominent educationalists.

Vision:

To emerge as a "centre for excellence" offering technical education and research opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of social and human kind.

Mission:

We dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical education. To this end, we will pursue continuous development of infrastructure and enhance state of the art equipment to provide our students a technologically up to date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/vision-mission/
Upload any additional information	View File

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

Principal is the head of both the academic and administrative bodies including Internal Quality Assurance Cell. The Head of the Institution is the Governing Member Secretary of the Governing Council of the college. Heads of the Departments are empowered to execute the policies in each department. The faculty members are given privileges to express their opinions for the improvement of the college. They associate themselves in several initiatives and take part in the decision making process at all levels including the Governing Council Body. They act as members of many committees such as Discipline committee, Anti ragging Committee, R&D Committee and Alumni Association Committee, etc., . They also actively take part in various college functions like Induction Day, College Day, and Sports Day etc. T Institute has more than 44 committees with different roles for effective implementation of the various Academic and non-academic matters. The management encourages the ideas given by the faculty pertaining to the growth and betterment of the college. Teaching fraternity engage themselves in various

club activities. The faculty members are nominated to be the members of institutions committees so that they can put forth their innovative ideas to achieve better results.

The organizational structure of the Institute supports in conducting the operation in a decentralized and transparent manner with due clarity of duties and responsibilities of concerned academicians, administrators, decision makers and faculty members at various levels. The case study pertaining to College Academic Committee-Teaching learning process as mentioned here to demonstrate Decentralization and Participative management.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/wp-content/uploads/2019/06/AcademicCalendar.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching learning process:

- In 2021-22, National Education Policy has been introduced by the Government of Karnataka and VTU.
- In 2021-22, the Institution introduced new courses in emerging areas like Artificial Intelligence and Machine Learning along with BSc Honours.

Research & Development:

- In 2021-22, many project proposals will be submitted to KSCST, VGST, VTU-TEQIP and AICTE. In addition to that proposal for conduction of 1 week and 2 weeks workshops, seminars also submitted to AICTE

Library, ICT & Physical Infrastructure

Central Library works towards building user centric resources, integrate technological applications. To augment resource management and service standards. Library enriched with all necessary infrastructure to support automation, digital resources management, and online information Services to support both offline and online learning for users.

HR management

- Activities Related Right from Entry to Exit everything governed by the HR department. HR is responsible for selection, recruitment, Promotion, Exit Interview, Suspension, Dismissal etc., specific Procedure will be

followed As Per VTU & AICTE Norms for both teaching and non-teaching. Staff Recruitment is executed Asper the following procedure. Collection of Human Resources from the Department Heads

industry interaction / collaboration

- Guest lecturers are being conducted by the Industrial Experts. The Effective function of Entrepreneurship Development Cell is organizing various Programmes and Exhibitions. Industrial Visits are conducted for the students. Alumni from reputed companies and Entrepreneurs are invited for formal discussion with the students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://sairamce.edu.in/library-old/
Upload any additional information	No File Uploaded

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

The Governing Council at Sri Sairam College Engineering is a very active group involved in the monitoring and continuous development of the Institute. The members of this body are people with vast knowledge and experience in the field of academics, research, industry and administration. Sri Sairam College Engineering's Board of Governing council has the advantage of having experience in both the educational and corporate environment enabling us to design and implement a system that bridges the gap between education and industry requirements. The Governing Council meets once in six months and interacts with industry experts, faculty, students and corporate to understand the improvement areas during Induction day and Graduation day

Board of Governance

Governing Council

- Responsible for monitoring the overall performance of the institution.
- The committee meets twice in a year to review the performance and provides suggestions in the areas of improvements.

Grievance Redressal Mechanism

A committee consisting of four members (two women faculty). Grievances from the students, faculty or staff if received is discussed and the necessary action is initiated by Grievance Redressal Committee

Service Rules, Recruitment and Promotion Policy :

The service rules & promotion policy procedures are framed in accordance with the norms of AICTE & VTU

Recruitment

The recruitment procedure is as follows:

- Submission of staff requirements by HODs to the Principal. Advertising the staff requirements in leading newspapers, social media, Facebook, LinkedIn, Faculty plus etc.
- Constitution of the selection committee.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/library-old/
Link to Organogram of the institution webpage	http://sairamce.edu.in/wp-content/uploads/2019/06/6.2.2ORNOGRAM.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation Administration Finance
and Accounts Student Admission and
Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for non-teaching staff

- Educational support to the children of the staff
- Marriage gifts with the sanction of one week leave
- Granting medical leave / maternity leave
- Medical Support from our Indian Medical Systems
- Free transport facilities
- Special Study Leave SSL for higher studies
- Incentive for attending orientation programmes, workshops and conferences
- Gifts during Teachers' Day celebrations
- Free uniform for non-teaching staff & housekeeping staff
- Incentive for vehicle utilization or transport allowance for non-teaching staff
- Subsidiary canteen fare for non-teaching staff
- Group Insurance

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

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

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

44

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

08

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

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

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

46

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Faculty Appraisal Process:

Faculty appraisal is conducted every year for all the faculties on a scale of 1000 points covering Academic, Mentoring, Research

and Administrative achievements.

The management evaluates the performance of the faculty based on teaching, research, participation in teamwork, arranging co-curricular and extracurricular activities and publication works. The scaling or weightage is customized for different grades of faculties such as Assistant professor, Associate professor and Professor. While professors are expected to contribute more on research and administrative support the other two grades will concentrate on academic and mentoring. A self-evaluation followed by the presentation to the Academic head Principal and top management will be done. The appraisal system motivates the staff to excel and put forth the best of their efforts. Staff retention is one among the strengths of the institution.

The following factors are deeply analysed in the appraisal system for teaching staff Experience

- Frequency of mentor - mentee interaction, effectiveness of counseling sessions and the way of recording the interactions. Quality of Lecture videos including additional multimedia contents in the PPTs, executing and documenting content beyond syllabus, documenting remedial classes, innovative pedagogical initiatives.
- Innovative teaching practices

The following factors are deeply analysed in the appraisal system for non-teaching staff

- Experience
- Skill upgradation through Orientation Programs, Refresher Course, Short Term Courses and Staff Development Programs
- Higher Studies
- Feedback from HOD and Principal
- Active participation in team work
- Work Discipline
- Outstanding Achievements in their studies

- Participation in Community services

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal Audit is performed by officials deputed from Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors after 30th June of the subsequent year.

During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidence wherever inadequate in respect of payments, and compliances of T.D.S. Voucher checking, petty cash maintaining and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the Internal audit report covering all matters related to maintenance of accounts is preserved.

Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with the Trust Central office has been completed and the annual returns have been submitted to the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/naac/
Upload any additional information	View File

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

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

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Sri Sairam College of Engineering is a self-financing Technical Institution.

It mobilises funds through:

- Tuition and college fees.
- Bank loan
- Hire purchase

Sri Sairam College of Engineering has a well-defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities. The institute is being run with self sufficient funds generated from tuition fee and other miscellaneous incomes. In case of shortage of funds, the management supports by providing the finance.

Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections. Apart from the tuition fee, the resource mobilization is mainly done through Conduction of online exams for Higher education through government sectors like NEET, AYUSH, COMEDK, JEE

- Conduction of Online exams for government sectors like Air force Exam
- Consultancy Project
- Fee for workshops and skill enhancement activities Grants from AICTE/ VTU/KSCST/VGST

Optimal utilization of funds :

- Salary for teaching and non-teaching staff,Electricity and campus maintenance
- Internet service providers charges Applicable statutory taxes Repairs and replacement of equipment
- The management reviews all the financial activities regularly through scrutiny of budgets and expenses every year.Through centralized purchase the funds are monitored and utilized inan effective manner.
- AMC charges for system maintenance and Air conditioners etc
- Library books purchases,Expenses for workshops, Seminars, Conferences and Faculty Development Programmes and other co-curricular Staff welfare measures.

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

6.5 - Internal Quality Assurance System

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

At the beginning of every academic year IQAC frames an action plan and ensures its proper implementation for overall development of the students. Quality assurance strategies and best practices to be institutionalized are discussed in the IQAC meetings and decisions taken are communicated to the staff by the

Principal. Two institutionalized practices**1. Pre Final year and Final year project exhibition:(CARPIEDIEM)**

The IQAC suggested that the students can plan their projects in the pre-final year. A project exhibition is conducted by the departments of CSE, ECE, EEE, and MECH in the even semester. It has been made compulsory for all the students to undertake a mini project, even though it is not a part of the syllabus of the affiliating University.

This is an initiative taken by the IQAC for doing a quality project in the final year. Apart from this mini project exhibition, there is a project exhibition in the eighth semester in which the students of all departments exhibit their projects.

Experts are invited from Industry and Academic institutions to judge the projects exhibited by the students.

ii) Content beyond the syllabus and Skill rack online programming

The teaching learning process is continuously monitored and reviewed by the HoD's and reported to the Principal and the management. The contents of this type of lecture are beyond the syllabus and they expose the industry

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/report-on-carpe-diem22/
Upload any additional information	View File

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

Sri Sairam College of Engineering has a well-designed methodology to operate teaching- learning process and its IQAC continuously reviews the same.

ICT Coordinators constituted by IQAC reviews the periodical course coverage, extra classes at week end, use of ICT facility

by faculty members, conduction of doubt clearing classes, students attendance in each class, discipline in classroom, conduction of lab experiments beyond syllabus, faculty punctuality in class room, conduction of quiz tests, surprise tests, internal tests in time with strict invigilation etc.

In addition to classroom teaching, focusing on innovative and student centric learning; regular peer teaching, experiential learning, guest lecture, brainstorming by students for the problem assigned by teacher, industrial lecture, seminars, workshops, study tour, industry visits, industrial projects, skill training, ICT learning are adopted, enrolment of students in Coursera, NPTEL courses, PEGA, IBM ACADEMIC INITIATIVES, students encouraged to refer e- journals and the same reviewed by IQAC.

Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains. Through these video classes students are exposed to have a thorough understanding of the processes through visual means with maximum impact and this encourages them to focus on their project work too. The students and faculty members are encouraged to register for the NPTEL (National Programme on Technology Enhanced Learning) online courses initiated by IITs and IISc.

File Description	Documents
Paste link for additional information	http://sairamce.edu.in/digital-classroom/
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Our college takes the safety of its students very seriously. We have trained security guards at both gates of the college, and our campus and classrooms are under CCTV surveillance. If any issue arises, it will be dealt with immediately and fairly, regardless of the gender of the person involved. Our college buses are also equipped with GPS tracking systems, so students can travel safely.

We have a strong mentoring system in place, with each staff member assigned 20 students (of both genders). Each student has a separate mentor record that contains their personal and academic details. Mentors meet with their students regularly to provide counselling and support. Female students are encouraged to share their feelings and grievances with female faculty members, who will then discuss the matter with the HOD or Principal, depending on the severity of the issue. Our college has also provided separate rooms for female students and faculty members, which can be used in case of emergency.

In general, we are committed to providing a safe and secure environment for all our students.

File Description	Documents
Annual gender sensitization action plan	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.1-Annual-Gender-Sensitization-Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.1-Safety-and-Security-Planning-1.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

The college has a strong waste management system in place. All waste is segregated at source and disposed of properly. Wet waste from the hostels and canteen is given to farmers in nearby villages to make us as a eco-friendly fertilizers. Waste paper and stationery is sold to recycling vendors. Wastewater is reused to irrigate plants and trees on campus. The college has also developed a procedure for e-waste disposal. Computer generated waste and out-of-use parts are collected by a designated person from the management and sent for recycling.

The college's waste management system is beneficial to the environment and the surrounding community. The reuse of wastewater helps to conserve water resources. And the recycling of e-waste prevents harmful chemicals from entering the environment.

The college is committed to environmental sustainability and is constantly looking for ways to improve its waste management system. By following these practices, the college is helping to protect the environment and make a positive impact on the community.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	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 socioeconomic and other diversities (within 200 words).

Our institute is committed to providing an inclusive environment for all students, staff, and faculty. We celebrate cultural, regional, linguistic, communal, socioeconomic, and other diversities through events, festivals, and activities. We have also taken up important initiatives like Swachh Bharat Abhiyan and Unnat Bharat Abhiyan.

Our students' cultural events reflect the diversity of our student body through musical and cultural performances. We ensure that English is the common professional language during working hours, which helps to assimilate linguistic differences.

We have a long-standing commitment to our social responsibilities. The NSS Cell has undertaken many socially responsible drives, including charity initiatives for the underprivileged. We also provide support to differently-abled students, staff, and faculty through ramps, lift facilities, and designated assisting staff members. We believe that diversity is our strength, and we are committed to creating an environment where everyone feels welcome and valued. Student Induction Program is organised.

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

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

The institute is committed to the philosophy of the Indian Constitution, both in word and spirit. The institute displays a copy of the Constitution Preamble in the reception area of the main office building to show its value for the document. On Constitution Day, the institute pledges allegiance to the Constitution by reciting the Preamble aloud. The institute also focuses on instilling a sense of responsibility in its students towards the Constitution through various efforts, such as the New India Pledge taking ceremony on Republic Day and Independence Day. As part of the curriculum, a non-credit course on the Constitution of India/Essence of Indian Knowledge & Traditions is offered.

The institute also believes in community service and regularly conducts Swachh Bharat Abhiyaan. In association with NGOs, blood donation camps are organized every year under the National Service Scheme (NSS) to raise awareness about the need for more blood donors. The institute also celebrates Founder's Day every year by planting trees on campus.

In General, the institute is committed to the values of the Indian Constitution and community service, and it strives to instil these values in its students through various initiatives.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://sairamce.edu.in/wp-content/uploads/2019/06/7.1.9-Supporting-document-2021-22.pdf
Any other relevant information	Nil

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

B. Any 3 of the above

4. Annual awareness

programmes on Code of Conduct are organized

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

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

The future of any society depends upon the character and competence of its Youths. In order to develop character and competence, young people need guidance to provide them with direction and a sense of purpose. They need to experience activities that are challenging, inspiring, and educative. In our institution we develop Our students who will be enabled to excel in all values of life and become Good Citizen. In our Institution we celebrate the following Various National Level Festivals to bring the unity among the students' community, who had come from various states, as well as to make them understand the Traditional Value of various culture.

Sankaranthi Festival

- Republic Day
- Independence Day
- Ganesha Festival
- Ayudha Pooja Festival
- Kannada Rajyotsava etc.

To make them to realise the human values we at our college make our students to celebrate

- Teachers' Day on the occasion on Dr. Radhakrishnan Birthday

- Engineers' Day on the occasion of Sir M Visvesvaraya' Birthday
- Basava Jayanthi on the occasion of Vishwaguru Basavanna's Birthday
- Dr. APJ Abdul Kalam's Anniversary Remembrance Day

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

7.2 - Best Practices

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

Best Practice 1

Active Engagement with Industry

Objectives:

- To provide students with real-world experience and exposure to the latest industry trends.
- To build relationships with industry partners and facilitate collaboration on research and development projects.
- To ensure that the curriculum is relevant to the needs of the industry and that graduates are prepared for the workforce.

Best Practice 2

Introduction of Sairam RAISE

Objective:

- To raise the aspiration of each and every individual at Sairam.
- To instill an ambition and attitude that we can achieve whatever we set our minds to.
- To help each one of us to improve as individuals and reach where we want to be in our lives.

File Description	Documents
Best practices in the Institutional website	http://sairamce.edu.in/wp-content/uploads/2019/06/7.2.1-BEST-PRACTISE-1.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

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

The goal of education institutions is to help students develop the skills and knowledge they need to be successful in their careers and to contribute to society. Our institution is committed to ensuring that all students have the opportunity to become perfect professionals, and we believe that the MAGIC model is a key part of achieving this goal.

The MAGIC model is a framework for helping students develop the five key qualities that are essential for success in the 21st century:

- **Mastermind:** The ability to think critically and creatively, and to solve problems effectively.
- **Advocate:** The ability to communicate effectively and to advocate for oneself and others.
- **Guide:** The ability to be mentors and role models for others.

- **Influencer:** The ability to use one's skills and knowledge to make a positive impact on the world.
- **Communicator:** The ability to communicate effectively in a variety of settings, both oral and written.

The MAGIC model is based on the belief that all students have the potential to be successful, regardless of their background or circumstances. The model provides students with the platform they need to develop their skills and talents. By practicing the MAGIC models, our institution is committed to providing students with the best possible education and to helping them become successful professionals who can make a positive impact on the world.

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

7.3.2 - Plan of action for the next academic year

Focus on National Education Policy (NEP) 2020 - In line with NEP,
Webinars/Seminars/Workshops will be organized promoting quality education.

Thrust on Research Excellence - Financial grants will be enhanced to encourage faculty members for participation in Conferences (National/International) and for publishing quality papers in reputed journals.

Enhancing Higher Studies, Employability and Entrepreneurial skills - Planning for Career Guidance to promote higher studies.

MoU with Industries for Internships through MoUs

Increase number of PhD holders in all departments to strengthen R& D centers

Mandatory Soft Skill Training for all the students of our college to increase employability quotient.

Intiate certification courses for all faculty & students from 1st year itself(online platform) & monitor

The institution plans to focus more on Research and Development in the forthcoming Academic year by increasing the publications of faculty and also motivating students' community to write research articles

To apply for NBA accreditation

To increase strength of NCC

Getting listed in NIRF