YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

Sri Shanmugha College of Engineering and Technology

- Name of the Head of the institution

  Dr.G.M.Tamilselvan

- Designation

  Principal

- Does the institution function from its own campus?

  Yes

- Phone no./Alternate phone no.

  04283262999

- Mobile no

  7373696999

- Registered e-mail

  principal@shanmugha.edu.in

- Alternate e-mail

  iqac@shanmugha.edu.in

- Address

  Sri Shanmugha College of Engineering and Technology Pullipalayam, Morur(PO), Sankari(TK), Salem(DT) - 637 304

- City/Town

  Salem

- State/UT

  Tamilnadu

- Pin Code

  637304

2.Institutional status

- Affiliated /Constituent

  Affiliated

- Type of Institution

  Co-education

- Location

  Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Anna University**

- Name of the IQAC Coordinator   **Mr.R.Boopathi**

- Phone No.   **04283262999**

- Alternate phone No.   **7402157537**

- Mobile   **8220821826**

- IQAC e-mail address   **iqac@shanmugha.edu.in**

- Alternate Email address   **boopathi.mech@shanmugha.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://shanmugha.edu.in/naacpdf/aqar2020-2021/AQAR_20-21_Submitted%20Report.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://shanmugha.edu.in/pdf/examination/AcademicCalendar/Academic-Calendar_2021-2022.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.12**	**2022**	**05/04/2022**	**04/04/2027**

6.Date of Establishment of IQAC   **16/09/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
ECE	**MODROBS**	**AICTE**	**2020 2yrs**	**422365**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of   View File

IQAC

9.No. of IQAC meetings held during the year   2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   Yes

- 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

- If yes, mention the amount

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

• NAAC re-assessment process was completed on 31.03.2022 & 01.04.2022 and secured 3.12 out of 4 with 'A' Grade • Received NBA accreditation for ECE until 2025. • We have successfully launched a new undergraduate programme in Information Technology, starting from the academic year 2021-22. • Additionally, we assisted in completing the ISO surveillance audit for quality assurance. • We are preparing the NBA Compliance Report for the CSE (Computer Science and Engineering) and MECH (Mechanical Engineering) departments.

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
NBA Compliance Report for the department of ECE has been prepared and submitted to NBA for consideration.	Received accreditation until the year 2025.
SSR has been submitted for NAAC Reassessment.	Five-year accreditation with 'A' Grade has been received.
ISO surveillance Audit for quality assurance has been initiated.	ISO surveillance Audit has been completed.
Internal and External Academic audit	Academic audit has been completed

13.Whether the AQAR was placed before statutory body?   **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	Sri Shanmugha College of Engineering and Technology
• Name of the Head of the institution	Dr.G.M.Tamilselvan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04283262999
• Mobile no	7373696999
• Registered e-mail	principal@shanmugha.edu.in
• Alternate e-mail	iqac@shanmugha.edu.in
• Address	Sri Shanmugha College of Engineering and Technology Pullipalayam, Morur(PO), Sankari(TK), Salem(DT) - 637 304
• City/Town	Salem
• State/UT	Tamilnadu
• Pin Code	637304
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Anna University

• Name of the IQAC Coordinator	**Mr.R.Boopathi**
• Phone No.	**04283262999**
• Alternate phone No.	**7402157537**
• Mobile	**8220821826**
• IQAC e-mail address	**iqac@shanmugha.edu.in**
• Alternate Email address	**boopathi.mech@shanmugha.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://shanmugha.edu.in/naacpdf/aqar2020-2021/AQAR_20-21_Submitted%20Report.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://shanmugha.edu.in/pdf/examination/AcademicCalendar/Academic-Calendar_2021-2022.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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• If yes, mention the amount	

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Internal and External Academic audit	**Academic audit has been completed**

13.Whether the AQAR was placed before statutory body?	**No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	21/01/2023

15.Multidisciplinary / interdisciplinary

As per Anna University regulation 2021, several Open electives have been introduced to facilitate learning concepts from other disciplines. Additionally, the concept of grouping electives to specialize in a specific stream and the opportunity to earn an 'Honours' degree by taking up six additional subjects have also been introduced. These approaches enable a multi-disciplinary and interdisciplinary courses in studies.

16.Academic bank of credits (ABC):

Our institution is currently in the process of formulating a method for the execution of ABC. However, implementing this method can only occur once we receive the guidelines from the Affiliated university (Anna University).

17.Skill development:

Skill development is a result of consistent practice; therefore, the concept of integrating practice with theory has been introduced in many subjects. This includes incorporating experiential learning through fieldwork, internships, and certificate courses. Additionally, participative education and project-based learning are also emphasized. This approach not only enhances knowledge development but also facilitates the acquisition of practical skills.

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

Our institution allows students to explore the Indian Knowledge

system through various co-curricular and extra curricular activities facilitated by active clubs. A dedicated slot in the time table, referred to as "Club activities," allows students to engage in these pursuits actively. Students are encouraged to participate in Yoga, Holistic Health, Painting, Music (Vocal), Music (Instrumental), Film Making, and entrepreneurial development. To further promote these activities, our institution organizes both intra and inter-college events.

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

All programs at SSCET are designed in accordance with the expected outcomes for graduates, as specified by the National Board of Accreditation (NBA) guidelines. This involves the identification of Course Outcomes and Program Outcomes during the curriculum revision process. Consequently, all eligible programs at SSCET have received accreditation from NBA. The assessment of students is carried out using the Outcome Based Education (OBE) attainment model. The examination questions are formulated based on Bloom's Taxonomy of cognitive processes, which is applied to all assessment methods, including Internal and End-Semester Examinations, value-added courses, entrepreneurship programs, internships, projects, viva-voce, assignments, and many more. Further, feedback from stakeholders is taken into consideration to assess the effectiveness of the OBE approach.

20.Distance education/online education:

The faculty at our institution adopts learner-centric teaching and learning practices. They regularly utilize prominent ICT tools, including video lectures and virtual lab practical, to enhance the learning experience. Both faculty members and students actively update their knowledge by engaging in NPTEL/Swayam courses.

Extended Profile

1.Programme

1.1   **254**

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **739**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **302**

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   **132**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **95**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **95**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**254**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**739**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**302**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**132**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**95**

File Description	Documents
Data Template	[View File](#)

3.2	95
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1	20
Total number of Classrooms and Seminar halls	
4.2	508.94
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	298
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Academic calendar: The college strictly adheres to the Academic Calendar provided by the University and ensures its complete execution. Regular meetings are conducted by the Heads of Departments to distribute workload, assign subjects, and plan departmental activities, including reviewing syllabus completion. The Principal takes responsibility for effectively implementing the Academic Calendar through formal meetings with the Heads of Departments.

Time- Table Committee: The college establishes a Timetable Committee, whose responsibleis to prepare a timetable. The departments contribute to the creation of the timetable. Once finalized, the timetables are posted on the Notice Board and made available on the website. Further, the university syllabus link is provided to the students for reference. Faculty members prepare a teaching plan at the beginning of the academic year and maintain a logbook to document their teaching and practical

activities. The Internal Quality Assurance Cell (IQAC) engages the Heads of Departments (HODs) to conduct periodic assessments of curriculum delivery. Faculty members also conduct extra sessions and practical activities as required and maintain relevant reports. Well-equipped laboratories are utilized to their full potential to deliver the curriculum effectively.

Functioning of IQAC: IQAC (Internal Quality Assurance Cell) operates in accordance with the guidelines established by NBA, NAAC, and ISO. The various departments maintain comprehensive records pertaining to classes, assessments, and project reports, among other things. Similarly, the IQAC closely monitors results, progress, departmental activities, and student needs. It also records different institutional activities related to teaching and learning, development, and improvements in effective curriculum methods.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	https://shanmugha.edu.in/exam-cell/

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

Academic Calendar: At the beginning of each academic session, the college prepares an Academic Calendar with the involvement of the Principal, Heads of Departments (HoDs), and senior faculties. This calendar serves as a student reference and is also available on the college website. Following the Anna University Curriculum, our institute has devised a comprehensive teaching strategy to enhance students' performance. The Academic Calendar includes important dates and activities such as the start of classes, cumulative working days, holidays, placement training, parents' meetings, internal examination plans, tentative dates for theory and practical exams, attendance reviews, project schedules and reviews, seminars, and more. These activities are diligently implemented in accordance with the Academic Calendar.

Internal Examinations: Prior to conducting internal examinations, a Technical Expert Committee is formed to scrutinize the question papers, ensuring their quality and

adherence to the schedule. The marks obtained by students in these internal exams are entered into the web portal.

Assessment Process: According to the regulations, three internal exams are conducted per semester to assess the continuous performance of students. Additionally, other forms of evaluation, such as tests, assignments, mini-projects, and quizzes, are included in the Continuous Internal Evaluation. After evaluation, the answer books are returned to the students, enabling them to discuss with the respective faculty members. If any errors are identified, the faculty rectifies them promptly. The committee members also engage in answer script scrutiny, allowing for continuous monitoring of the progress of slow learners and providing sustained coaching to support their improvement.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://shanmugha.edu.in/exam-cell/

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	View File

1.2 - Academic Flexibility

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

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

8

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)

15

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

702

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

1.3 - Curriqulum Enrichment

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

GENDER SENSITIZATION: The institution is committed to exerting equal efforts in shaping the character and calibre of all students, regardless of gender. It consistently utilizes gender-neutral language when addressing students, ensuring equal importance and treatment for both genders without discrimination. The priority is given to promoting the active participation of female students in core skill exercises. A key objective is to form class groups comprising mixed genders to promote gender equality at the core level. The institution has an active "Women's Empowerment Cell" dedicated to addressing academic and personal issues faced by female students. Grievances brought forward are critically analyzed and handled carefully while maintaining strict confidentiality. Whenever necessary, the concerned individuals are provided with appropriate counselling and support.

ENVIRONMENT AND SUSTAINABILITY: The Institution is keen on its responsibility to maintain a healthy environment. The Campus is highly sensitive towards the issues viz., Green Campus, Climate Change and Environmental Degeneration etc., and has achieved a Clean and Green campus. Considering the importance of renewable energy, the installed Solar Photovoltaic Power Generation System with 75KW capacity in our Campus. it supplies more than 50% of our required energy, and the excess power generated is supplied to Tamil Nadu Electricity Board. As a means of Green Campus status, rainwater harvesting is ensured, and a check dam with a capacity of 12.5 lakh liters is constructed inside the Campus, which helps to maintain the groundwater level.

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

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

157

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

570

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	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/feedback/#1642672939887-dfb20fe1-591b
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	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/feedback/#1642672966686-72362bcb-de18

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

361

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

301

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

Strategy for Slow Learners:

- **The class advisor/mentor assesses the students' caliber, analyzes the issues they face in their academia, and diplomatically motivates them to achieve their academic goals.**
- **The department provides course material to slow learners and students likely to drop out due to arrears. Special/Tutorial classes are arranged to provide intensified teaching on difficult units/chapters and clarify doubts, which will help improve their performance.**
- **At the end of each working day, an hour of coaching/tutorial class is conducted in the evening for slow learners to understand the concepts better.**

Strategy for Advanced Learners:

- **Encouraging advanced learners to become members of various professional bodies and organizing technical events and club activities to enhance their leadership qualities.**
- **Furthermore, they are instructed to undertake research-oriented projects to develop a thirst for research orientation and practical knowledge.**
- **We motivate advanced learners to pursue higher studies by taking exams like GATE and IELTS, etc. and also encourage them to enroll in MOOC courses, such as NPTEL, Swayam, edX, and Coursera.**

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.2.1/2.2.1_learninglevelofthestudents.pdf
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
739	95

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning - "Hands-on learning" - is imparted to our students through real-time applications, seminars, and workshops. Our institution encourages students to pursue internships and industrial training by connecting them with various industries. The project-based Learning enables students to undertake industry-oriented projects. The institution also motivates final-year students to take up projects from companies to understand the prevailing industrial scenario requirements.

Participative Learning - Our institution has incubation centers that support students in undergoing industry-oriented training, internships, and live projects. We also emphasize encouraging students to participate in workshops, seminars, design and coding contests, ideathons, hackathons, and the presentation of innovative ideas at conferences. Additionally, we encourage students to publish articles in leading journals, providing further opportunities for participative Learning.

Problem-solving methodology is a student-centered pedagogy in which students learn through experiencing the resolution of open-ended problems. This methodology facilitates acquiring knowledge, enhancing group collaboration, fostering team spirit, and improving individual communication skills.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.3.1/2.3.1_studentcentricmethod_2021-2022.pdf

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 students and faculty to learn and master the latest technologies to be corporate-ready. Consequently, our institute has ICT-enabled classrooms and labs with installed projectors, and the campus is equipped with a high-speed Wi-Fi connection. The faculty and students utilize various ICT-enabled tools to enhance the quality of teaching and learning. Google Classroom manages and shares course-related information, learning materials, quizzes, internal assessment question papers, answer scripts, assignments, and evaluations. They effectively utilize ICT-enabled tools such as laptops, headphones, writing pads, the internet, video lectures, audio lectures, PPT presentations, virtual labs, YouTube links, e-contents, etc.

File Description	Documents
Upload any additional information	View File
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

41

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

95

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

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

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

24

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

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

2.4.3.1 - Total experience of full-time teachers

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

2.5 - Evaluation Process and Reforms

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

The main objective of an Internal Assessment is to assess the student's understanding of each topic in the syllabus.

Internal Assessment Examination: The process is described in the Academic Calendar, which stipulates the dates for covering the syllabus, conducting theory and lab Internal Assessments, and ensuring total transparency throughout the process. According to Anna University norms, three Internal Assessment Exams (IAEs) are conducted. The timetable for these exams will be prepared and displayed on the notice board well in advance. Prior to the exams, the subject faculty members will prepare two sets of question papers based on Bloom's Taxonomy, which will be verified and approved by the respective Heads of departments.

Evaluation Process: The answer scripts are evaluated within two days after the internal exam, based on the answer key prepared by the course instructor. As a measure of transparency, the evaluated answer scripts are returned to the students for review and discussion with the respective faculty. If any discrepancies are noticed, the faculty will rectify them. The students will acknowledge the correction of marks by signing near the recorded marks in the answer script.

File Description	Documents
Any additional information	View File
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria2/2.5.1/2.5.1_transparencyo finternalassessment.pdf

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

Exam Cell: The system effectively monitors the process of conducting internal and external examinations, including the preparation of question paper sets, the conduct of exams, the collection of answer scripts, the evaluation process, and the entry of students' attendance and marks scored. Furthermore, data is uploaded to the University web portal with time-bound transparency.

Internal and End-Semester Exams: The faculty is responsible for the complete the evaluation process within two days. The evaluated answer scripts are then given to the students for perusal.

Redressal of Students' Grievances: During the end-semester examinations, students may face general issues such as (i) difficulties in downloading the Hall Tickets and question papers due to the shift to online exams this academic year, (ii) incorrect particulars such as Register No., Name, Gender, and Subjects with Code found on the Hall Ticket, (iii) inclusion of out-of-syllabus content in the question paper, (iv) results being withheld by the University, and so on.

Revaluation Process: if a student has objections to the marks they scored, the Exam Cell guides them in applying for a photocopy of the answer script. Once the student receives the photocopy, the subject faculty will re-evaluate it. Based on the faculty's recommendations, the student can apply for re-evaluation within a week.

File Description	Documents
Any additional information	View File
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.5.2/2.5.2_grievancesofint_ernalassessment.pdf

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.

The Institute has distinct Course Outcomes (COs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and

Programme Educational Objectives (PEOs) for all programs. It has devised well-defined Vision and Mission statements based on which POs and COs are framed. The syllabus content is correlated by Heads of Departments (HoDs), Course Instructors, and subject experts. These are then presented to the Department Advisory Committee (DAC) for discussion and approval by the Governing Council.

COs, POs, PSOs, PEOs, Vision, and Mission statements are disseminated to the stakeholders by displaying them on the college website, HoDs' cabins, faculty rooms, classrooms, laboratories, lab manuals, course delivery plans, and other prominent areas of the institution for the public view of students, staff, and others. A soft copy of the curriculum and learning outcomes of the programs and courses is uploaded on the institution's website. In contrast, a hard copy of the syllabus and learning outcomes is available in the departments for easy reference.

HOD will approve the lesson plan for each course. At the beginning of each semester, the printed COs and lesson plan are provided to the students. Although Anna University provides COs along with the syllabus, the Course Committee can modify them whenever necessary.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.6.1/2.6.1_cos.pdf
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 evaluation of Programme Outcomes (POs) and Course Outcomes (COs) Attainment is assessed based on students' direct and indirect Attainment.

Direct Attainment is evaluated through three Internal tests, each worth 100 marks, with an assessment weightage of 20%. The End Semester examination, worth 100 marks, is assessed for 80%

weightage. These assessments are combined with the conversion of weightage, with 80% for the End Semester examination and the remaining 20% for indirect Attainment achieved through course-end surveys. The final results are published based on these assessments.

A similar strategy is followed for assessing Attainment in practical examinations. This includes the evaluation of Lab records, Observation, and Model Practical Examination, with a weightage of 20%. The End Semester practical examination is assigned an 80% weightage, and a course-end survey with a 20% weightage is conducted to calculate the final results.

Indirect Attainment is evaluated through a Student Exit Survey conducted at the end of the program, an Alumni Survey, and Parent Feedback.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.6.2/2.6.2_attainment.pdf

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

119

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)

https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.7.1/2.7.1StudentsSatisfactionSurvey.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)

6.42

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

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

3.1.2.1 - Number of teachers recognized as research guides

3

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

2

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

The institution takes several measures and constructs an ecosystem to promote innovation among students and the faculty community. It is a part of the MHRD-IIC (Ministry of Human Resource Development - Institution's Innovation Council) and is certified under this council. Faculty members from each department are deputed to initiate various activities under innovation, intellectual property rights (IPR), entrepreneurship, and startups.

Every year, the institution promotes student participation in national-level competitions such as Smart India Hackathon, which provides a platform for students to solve present problems and cultivate a culture of product innovation and a problem-solving mindset. Details of the MHRD IIC committee constituted to promote innovation within the campus, as recommended by MHRD IIC, are provided.

To foster the spirit and culture of innovation among faculty and students, council members are encouraged to participate in innovation, entrepreneurship, IPR, and design thinking activities. They then share their insights with the student community. The institute consistently promotes the establishment of incubation centres by companies. Students are encouraged to take part-time internships in these companies to learn new technologies. Additionally, the management supports students in developing innovative solutions with commercial viability.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

4

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

0

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

11

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

4

File Description	Documents
Any additional information	[View File](#)
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

In addition to the primary curriculum, our institute focuses on the inner personality development of each student by encouraging their involvement in extension activities and making them realize their social responsibility. We provide opportunities for students to engage in such activities through organizations like NSS (National Service Scheme), YRC (Youth Red Cross), and sports events.

The NSS Unit of our institution takes responsibility for transforming students into good citizens imbued with a sense of professional ethics and social commitments. Annually, an event calendar is drafted with a systematic plan to guide students in extending their services through community-based activities and sensitize them towards social issues and holistic development. NSS Unit organizes various programs such as Environmental Awareness, Tree Plantation, Swachh Bharat (Clean India), Cleanliness Drives, Blood Donation Camps, Gender Equality

initiatives, and visits to orphanages. These activities create awareness about societal issues.

The spirit of voluntary work fosters interaction between the campus and the community, which contributes to students' personality development through community service. In the past, students and volunteering faculty members have collaborated with government organizations, including local administration, revenue, police, and transport departments. They have significantly contributed to environmental preservation, road traffic awareness, watershed management, health education, and disaster management.

File Description	Documents
Paste link for additional information	Nil
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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
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

550

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

28

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

6

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.

SMART CLASSROOM: A Smart Classroom is the ultimate self-service, presenter-friendly environment conducive to the teaching/learning processes. The classroom computer supports interactive learning, facilitating a shift from disclosing to processing information, with 70% dedicated to the presentation and 30% to the demonstration. All classrooms are 'smart' with high-speed data networks and LCD projectors for audio and video.

LABORATORIES: The laboratories are equipped with state-of-the-art hardware and licensed software to run program-specific curriculum. The laboratory facilities are open to students and staff during and beyond working hours. A project lab has been provided for students to carry out their project work. Safety instructions are displayed in all the laboratories.

INTERNET & WI-FI: SSCET has entered an e-revolution by providing an internet speed of 300 Mbps throughout the campus via LAN. The campus intranet contains essential details about test schedules, timetables, examination schedules, campus news, and more, along with a wealth of information about the college.

COMPUTING EQUIPMENT: SSCET is equipped with 300 computers, three servers, a network switch, and a Wi-Fi facility. All the terminals are interconnected through wired and wireless (Wi-Fi) networks.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://shanmugha.edu.in/facilities/

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

The institution has adequate facilities for sports, games (indoor and outdoor), a gymnasium, a yoga centre, and cultural activities.

PROMINENT FEATURES: Qualified Physical Directors and supporting staff, a playing area of 10,000 square meters, sponsorships for elite players, exposure of students to state and national-level tournaments, individual attention to every player through mentoring, and an indoor sports complex.

CULTURAL ACTIVITIES: For conducting cultural activities, we have an auditorium with a seating capacity, centralized air conditioning, a sound system, and recording facilities with a handy cam. Movies and short films are projected in the auditorium using a 75" x 100" LED display, BOSE sound system, and air conditioning.

SPORTS: Five acres of open ground are allotted for promoting outdoor sports such as badminton, ball-badminton, basketball, cricket, kabaddi, kho-kho, volleyball, handball, athletics (400 meters), long jump, high jump, javelin throw, shot put, discus throw, tennis with floodlight arrangements, and football. A separate indoor games facility is provided for table tennis, carrom, and chess.

GYMNASIUM: The multi-power gym is equipped with 20 varieties of modern equipment, including ten stations, luxury rubberized dumbbells, and a twister with sitting and standing options. Students enthusiastically use this facility for their daily workouts.

YOGA CENTER: SSCET has a separate yoga centre with adequate ventilation and space.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shanmugha.edu.in/facilities/

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

20

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shanmugha.edu.in/facilities/
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)

207.27

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

4.2 - Library as a Learning Resource

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

Our institution takes pride in its gorgeous Central Library, which has a built-up area of 454 square meters and houses a collection of 23,035 books. It features a well-furnished reading hall measuring about 254 square meters. Our library is equipped with a fully automated Integrated Library Management System (ILMS) software provided by AutoLib. This automated package of library services includes circulation, acquisitions, cataloguing, web OPAC, and report generation.

Our library has a subscription of national and international e-journals such as Springer, ProQuest, DELNET, NPTEL, and DELNET. Additionally, DELNET offers an Inter-Library Loan (ILL) facility, allowing students and faculty to request books, photocopies, and articles from other libraries. Along with these features, SSCET Library provides access to resources such as Amrita Virtual Lab, Spoken Tutorial, MOOCs, and SWAYAM, enriching the learning experience.

During working hours, the Central Library offers internet browsing, scanning, and photocopying facilities at nominal charges to cater to the needs of students and faculty. CCTV cameras are strategically installed throughout the library premises for close surveillance purposes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://shanmugha.edu.in/library/

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

A. Any 4 or more 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)

4.55

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

66

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

All the classrooms, laboratories, seminar halls, and auditorium have IT facilities enabled. The campus is Wi-Fi enabled, and scanners, printers, and other accessories are available. The computers in the centres are equipped with the latest updated software and hardware. Internet, printing, and scanning facilities are accessible through the network. Additionally, each centre is equipped with uninterrupted power backup.

INFORMATION SECURITY: Proxy servers are configured in the firewall to block spam messages and malicious attachments.

LAN FACILITY: Ethernet, LAN and a 300 Mbps dedicated internet facility have been upgraded to Wi-Fi LAN and broadband internet connectivity to ensure seamless data transmission.

UPGRADING IT INFRASTRUCTURE AND ASSOCIATED FACILITIES: The academic advisory periodically reviews the IT infrastructure and recommends necessary upgrades. IT infrastructure strategies are developed following the guidelines of AICTE and the affiliated university.

RISK MANAGEMENT: The institute's IT assets, such as the website, e-resources, and campus automation system, are protected against vulnerabilities, threats, and theft through Kaspersky antivirus.

OPEN-SOURCE RESOURCES: To judiciously utilize funds and comply with licensing agreements, the college emphasizes open-source software per the guidelines of AICTE and the affiliating university.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shanmugha.edu.in/facilities/

4.3.2 - Number of Computers

294

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	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

44.2

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

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

- **The campus supervisor oversees the maintenance and upkeep of infrastructure facilities.**

  All departments have the necessary infrastructure, including classrooms, seminar halls, faculty rooms, common rooms, and laboratories.

  Each laboratory has a designated faculty and technical staff member for its functioning and maintenance.

  Equipment and machinery undergo calibration at the end of each semester to ensure accuracy and proper operation.

  A dedicated department with IT staff members handles day-to-day computer maintenance.

  The library committee collects book requirements, obtains approval from the Principal, and manages tasks such as removing outdated titles and issuing books.

  All departments are required to adhere to institute guidelines for cleanliness and maintenance.

  Regular maintenance of electrical devices is documented, and generators have a maintenance logbook. Components such as floors, walls, doors, windows, and restrooms receive

regular upkeep.

Water tanks are cleaned every six months, and water testing is conducted before and after cleaning.

Sports facilities are maintained and upgraded by the sports department, and any necessary repairs are reported to the administration.

The hostel department handles student grievances, enforces student entry and exit rules, and ensures food quality.

Regular meetings are held to address maintenance, cleanliness, and hostel-related issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shanmugha.edu.in/facilities/#1642 747437641-228321cb-876a

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

556

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students 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

471

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://shanmugha.edu.in/activities/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

519

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

519

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

116

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

7

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

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

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

3

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

8

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

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

Every academic year, a new Council of Students is formed for various clubs and committees in our institution. Each committee discusses and decides its calendar, resource requirements, and execution methods, which helps foster a sense of responsibility and leadership qualities among the students.

Department Advisory Committee: Each department has its own Advisory Committee, consisting of students and a faculty member as an advisor. The Department Advisory Committee plays a crucial role by allowing students to provide suggestions for improving department activities.

Library Committee: The Library Committee aims to promote student interest in library activities and enhance library services.

National Service Scheme (NSS): Besides academics, our institution emphasizes the importance of students' active participation in NSS activities. This involvement in NSS activities helps develop their personality and nurtures them

into responsible citizens.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria5/5.3/%205.3.2_representation_2021-22.pdf
Upload any additional information	View File

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

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

14

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

5.4 - Alumni Engagement

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

Preamble: The alumni association of our institution is known as the "SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION." It was registered on 12.07.2018. The primary objective of the SSCET alumni association is to establish and maintain lifelong connections between the institute and its alumni.

Alumni Meet: Every year, the second Saturday of March is dedicated as Alumni Day. The day is celebrated with cultural events, talks by alumni members, discussions on industry trends, and updates on the institute's development.

Participation in Academic Activities: Alumni are invited to actively participate in Department Advisory Committee (DAC) meetings and provide valuable feedback on the curriculum during Governing Council meetings.

Placements and Internship Support: The SSCET alumni network continues to expand globally, with the establishment of new chapters in various regions. These chapters provide opportunities for alumni to connect, network, and support each other in their personal and professional lives. They also contribute to the placement and internship support for current students.

Non-Financial Activities: Alumni contribute to various non-financial activities such as delivering guest lectures, organizing skill development programs, and facilitating industry interactions. Their involvement enhances the overall learning experience and prepares students for real-world challenges.

Alumni Mentorship: Members of the alumni association are invited to serve as guest lecturers and engage in regular interactions with students. Through these mentorship opportunities, alumni share their valuable experiences and insights, guiding students in their personal and professional growth.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/alumini/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Our institute aims to educate engineering students with

managerial skills and ethical values, making significant contributions to society.

Vision:

To provide renowned engineering and technology education, fostering global competence and a research-oriented mindset among students.

Mission:

To achieve excellence in the teaching-learning process by utilizing state-of-the-art resources.

To provide opportunities for upgrading faculty knowledge and skills.

To implement the best student training practices to meet the requirements of the industrial scenario in the state.

To motivate faculty and students to engage in research activities for real-time applications.

Transformation of the Mission: Sri Shanmugha College of Engineering and Technology prioritizes transparency, participative leadership, and delegation of powers to achieve excellence in teaching and learning processes. The institute utilizes state-of-the-art resources to promote faculty knowledge and skills, ensuring students receive the best training practices for real-world applications. The Governing Council constituted according to AICTE guidelines, formulates the institute's Vision, Mission, and Perspective Plan while also encouraging faculty suggestions for effective administration. Various sub-committees, including the Internal Quality Assurance Cell, Library Advisory Committee, Disciplinary Committee, Training and Placement Cell, Women Empowerment Cell, Internal Complaint Committee, Grievance Redress Committee, and Anti-Ragging Committee, ensure decentralized academic and administrative affairs.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.1.1/6.1.1_egovernance.p df
Upload any additional information	View File

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

The Annual Quality Assurance Report of Sri Shanmugha College of Engineering and Technology highlights the institution's participative management culture, involving staff and students in major activities. The Governing Council, Internal Quality Assurance Cell, and Academic Advisory Council are ensuring educational quality and standards growth. The Governing Council consists of the Chairman, a representative from Sri Shanmugha Educational Trust, experts from industries and academia, an Anna University nominee, and institution faculties. They review progress, provide guidance, and discuss measures for maintaining high-standard education and development.

Internal Quality Assurance Cell (IQAC) improves teaching and learning processes. It focuses on enhancing the overall quality of education. Academic Council governs various academic activities, including teaching, learning, evaluation, research, development, infrastructure, innovations, and best practices.

The institution has established various committees and sub-committees to manage academic affairs effectively, such as the Placement and Training Committee, Library Committee, and hostel committees. The hostel committee ensures quality food, common facilities, and cleanliness, while the transport committee arranges transportation facilities for students and staff, promoting decentralization and participative management.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.1.2/6.1.2_Committeesact iontaken.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Our institution was established in the academic year 2011-2012. We aim to become a leading institute in Engineering and Technology, known for implementing the best educational practices to meet global standards. We strive to foster domain knowledge and develop a research-oriented mindset among our students, making them globally competent.

Our institute adopts innovative and robust teaching-learning processes that encourage students to analyze real-time applications and meet current industrial requirements. We emphasize "hands-on learning," which involves practical and experimental approaches. Additionally, we incorporate ICT (Information and Communication Technology) and project-based learning, providing students with opportunities to engage in industry-oriented projects.

To promote an innovative spirit among our students and faculty community, we encourage participation in programs related to Intellectual Property Rights (IPR), innovation, entrepreneurship, and startups. We have dedicated special labs with the latest hardware and software tools, such as the PCB Design Lab using Altium Designer, Arduino-based Development, CNC Milling and Turning Machine, and Bio-Energy Lab.

Furthermore, our institute supports students in commercial aspects, assisting them in developing innovative products and showcasing them in national-level project competitions. As a result, our students have achieved noteworthy recognition and won prizes.

To enhance the learning experience, we provide access to various e-learning resources, including Amrita Virtual Lab, Swayam, NPTEL, NME-ICT, Learning Management Systems (LMS), and Coursera.

Our institute is committed to providing a comprehensive and cutting-edge education that equips our students with the skills and knowledge necessary to excel in Engineering and Technology.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.2.1/6.2.1_StrategicPlan .pdf
Upload any additional information	[View File]()

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

Sri Shanmugha College of Engineering and Technology is dedicated to providing quality engineering education to rural students, achieving this through the involvement of various committees and stakeholders. The Governing Council, comprising the Chairman, Sri Shanmugha Educational Trust representative, industry experts, Anna University nominee, faculty, and Special Invitees, conducts an annual review of academic and administrative issues. Additionally, the institute's sub-committees oversee the coordination of administrative and academic affairs, including the Academic Committee.

The Annual Quality Assurance Report emphasizes the establishment of several committees to address different aspects of the institute's functioning. These committees include Finance, Internal Quality Assurance Cell, Library Advisory, Disciplinary, Training, Placement, Women Empowerment, Internal Complaint, Grievance Redress, Anti-Ragging, Transport, and Hostel committees.

Regarding the administrative structure, the Chairman guides the institute's daily affairs, while the Vice-Chairman oversees strategic matters. The Administrative Officer is responsible for maintaining the infrastructure, and the Principal provides academic leadership, oversees development, and monitors the overall functioning of the organization. The Vice-Principal coordinates activities related to NAAC and NBA accreditation, ensures the effective functioning of the IQAC, oversees teaching and learning processes, suggests corrective measures when needed, initiates supplementary teaching, and conducts co-curricular activities.

The Heads of Departments lead, manage, and develop their respective departments, while the faculty members guide students and fulfill their professional and institutional commitments. The institute has established Service Rules and Procedures for faculty members to maintain good conduct, discipline, and high standards in professional and personal virtues.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.2.2/6.2.2_Administrativ esetup.pdf
Link to Organogram of the institution webpage	https://shanmugha.edu.in/organization- chart/
Upload any additional information	View File

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

B. Any 3 of the above

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

6.3 - Faculty Empowerment Strategies

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

Institutional growth relies on its faculty recognizing their needs and requirements and implementing welfare measures to create a positive working environment. The institution offers various welfare measures to support its employees, including the Employee's Provident Fund (EPF), the ESI scheme, and group insurance.

Under the EPF scheme, eligible staff members contribute 12% of their pay, which the employer matches. The EPF scheme provides financial security and retirement benefits to employees.

The ESI scheme is available for employees with monthly incomes below Rs 21,000. This scheme offers comprehensive health insurance coverage and medical benefits to eligible staff.

The institution also provides group insurance, including a personal accidental policy with a capital sum insured of Rs 90,080/- and coverage for medical expenses up to Rs. 50,000/-. These insurance benefits aim to ensure the well-being and security of the employees.

Maternity leave for female staff members is provided for six months, allowing them to balance work and family responsibilities. Research faculty members receive permission per academic year for two days of OD (Official Duty) to facilitate their research activities.

All teaching and non-teaching staff members receive 50% fee concessions on college buses and have access to loan facilities. Additionally, they enjoy summer and winter vacations.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.3.1/6.3.1_EmployersWelfare.pdf
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

40

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

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

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

1

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

49

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

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

The Faculty Appraisal System is imperative for assessing the calibre and performance of individual faculty members and optimizing their contributions to the department's progress and institutional performance. It involves the faculty's performance and identifying their strengths and weaknesses. The Faculty Performance Appraisal encompasses the faculty's involvement in the Teaching-Learning Process, Co-Curricular and Extra-Curricular activities, and Research Initiatives.

The appraisal system evaluates the overall performance of each faculty member based on three categories: Category-1 - Teaching, Learning, and Evaluation Related Activities; Category-2 - Self Improvement, Research, and Development; and Category-3 - College Level/Department Level Additional Responsibilities and Co-Curricular Activities.

Under Category-1 (30 points), the faculty's performance is assessed based on the results of University Examinations and their involvement in teaching-oriented activities.

Category-2, (30 points) , focuses on the faculty's participation in seminars, workshops, organizing and attending training programs, guidance for students' projects, research projects submitted and sanctioned, and publishing books and articles in leading journals.

Category-3 evaluates the faculty's involvement in accepting additional responsibilities at the college and department levels, including co-curricular and extension activities. This

category carries a weightage of 40 points.

The Faculty Appraisal System significantly impacts faculty members, motivating them to strive for excellence and achieve targets. As a result, this leads to improved performance by students.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.3.5/6.3.5_SelfAppraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The institution has established a mechanism for conducting internal and external audits of financial transactions on an annual basis. The internal audit is conducted twice a year by the internal financial committee of the institution. The committee verifies the income and expenditure details and prepares a compliance report based on the internal audit findings. Additionally, an external agency conducts an external audit once a year.

The institution utilizes several mechanisms to monitor financial resources. Before the start of each financial year, the principal submits a budget allocation proposal, which is reviewed by the heads of all departments and presented to the management. The college budget includes recurring expenses such as salaries, electricity charges, internet fees, maintenance costs, stationery, and other consumable charges.

The internal audit process involves semi-annually auditing all vouchers by the internal financial committee. The committee thoroughly checks the expenses incurred under different heads by verifying the bills and vouchers. If any discrepancies are found, they are brought to the principal's notice.

For the external audit, the college accounts are audited by a chartered accountant in accordance with government rules and

regulations. The auditor ensures that all payments are duly authorized. After the audit, a report is prepared and sent to the management for review.

By conducting regular internal and external audits, the institution maintains transparency and accountability in its financial transactions, ensuring compliance with regulations and proper utilization of financial resources.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.4.1/6.4.1_FinanceAudit. pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	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

The institution has a well-established mechanism for fundraising and effectively monitoring the optimal utilization of available resources.

Tuition fees are collected from students adhering to the Tamil Nadu Government Higher Education Rules and Regulations. These funds serve as the primary source of income for the institution. Additionally, the institution receives government funds through

scholarships, alumni contributions, college development funds, central government funds for research proposals, and fees from hostel and transport services. These financial resources provide financial assistance to the institution.

The Principal, following approval, allocates a budget to each department while retaining some contingency funds. The budget includes expenses for purchasing laboratory equipment, furniture, and other development and maintenance needs.

Financial powers have been delegated to the Principal and Heads of Departments (HoDs) up to Rs. 50,000/- and 10,000/-, respectively. The Governing Council's ratification is obtained during meetings if any expenditure exceeds these limits.

The funds are utilized for various student academic activities, such as organizing symposiums, seminars, workshops, and other events. Financial assistance is also provided to students participating in national and state-level competitions. Major projects, such as the construction of buildings, infrastructure upgrades, and procurement and maintenance of common utilities, are funded through these resources.

The institution places great importance on responsible financial management and appropriately allocates funds to support student activities, academic initiatives, and infrastructure development.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.4.3/6.4.3_UtilizationofFunds.pdf
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

IQAC (Internal Quality Assurance Cell) plays a vital role in planning, guiding, and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities in Higher Education Institutions (HEIs). Its purpose is to systematize and channel the efforts and measures of an institution towards academic

excellence. Every HEI should have an internal quality assurance system with a suitable structure and processes that can be flexible enough to meet the diverse needs of stakeholders.

The structure and composition of the IQAC typically include the following:

- Head of the HEI as the Chairperson
- Five senior teachers as members
- One senior administrative official as a member
- Two external experts in Quality Management, Industry, or the local community as members
- Director/Coordinator of the IQAC as the Member Secretary

The objectives of the IQAC are as follows:

- Facilitate and contribute to a heightened clarity and focus in institutional functioning towards quality enhancement.
- Promote the internalization of a quality culture within the institution.
- Enhance and integrate various activities of the institution and institutionalize good practices.

The strategies employed by the IQAC include the evolution of mechanisms and procedures for:

- Ensuring timely, efficient, and progressive performance of academic, administrative, and financial tasks
- Ensuring the relevance and quality of academic and research programs
- Optimizing and integrating modern methods of teaching and learning

IQAC, through its activities and initiatives, aims to foster a culture of quality within the institution, promote continuous improvement, and ensure the overall development and excellence in academic and administrative functioning.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.5.1/6.5.1_IQAC.pdf
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

IQAC has significantly contributed to ensuring continuous quality through the Academic Administrative Audit (AAA) process and enhancing student performance through a mentoring system.

Periodical Academic Audit is conducted to maintain the quality of the teaching-learning process. The structure of the Academic Audit involves an internal audit conducted by a team of senior faculty members from different departments. IQAC facilitates the audit format for the auditing team. Once IQAC completes the audit format, the report is discussed with the respective Head of Department (HOD), and a one-week time frame is given to the department to address the observations and rectify any issues. After rectification, the report is submitted to IQAC, which provides suitable recommendations for improvement.

The documents audited during the Academic Audit include the following:

- Time Table and individual faculty timetables
- Student name list
- Minutes of class committee meetings
- Faculty logbook and attendance statements
- Course files and learning materials
- Samples of internal answer papers
- Consolidated mark statements
- Examples of assignments, seminar presentations, case studies, etc.
- Progress review reports
- Details of value-added courses with feedback
- Remedial measures and the provision of bridge or extra classes by faculty members
- Consolidated semester result analysis

IQAC ensures that the teaching-learning process is effective through the Scholarly Audit process, students' progress is monitored, and any necessary improvements are identified and implemented. The mentoring system implemented by IQAC further supports students' performance by providing guidance, support, and assistance in their academic journey.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021 -2022/criteria6/6.5.2/6.5.2_IQAC_Academic audit.pdf
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://shanmugha.edu.in/sri-shanmugha-co llege-of-engineering-technology/naac/#164 1408239866-6be5d2fe-2a65
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Response: Sri Shanmugha College of Engineering and Technology aims to groom its students of both gender to be self-reliant, continuous learners, effective communicators, having respect over different cultures, aware of their social responsibilities, too sensitive towards sexual harassment with zero tolerance with

environmental consciousness.

Sri Shanmugha's prime objective is to promote engineering education which fulfils the needs of human society emphasizing gender equality. Hence, equal opportunity is ensured in all the spheres of our Institution for both genders in terms of admission, training, placement, sports and cultural activities etc., and so no chance of the gender issues emerging in our campus. Hence, so as to inculcate a sense of discipline and to promote the various programs on gender equity is conducted in our Institution.

Student Council is another powerful tool of our Institute which ensures harmony among the students, faculty and management. For ensuring the absolute safety of womenfolk inside the campus, security guards are posted at the prime points and Wardens ensuring the safety of girl students in the hostel. In addition, surveillance of the campus and hostel is done through CCTV cameras installed at all the junction points. Separate gym, well-furnished common room and ambulance facilities are available for the girl students.

File Description	Documents
Annual gender sensitization action plan	https://shanmugha.edu.in/women-empowerment-cell/#1668226291312-ec7133ab-d543
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria7/7.1.1/7.1.1_facilities.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	View File

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

Management of degradable and non – degradable waste:

Our Institution is highly conscious of the responsibilities to maintain the campus clean and green hence different kinds of waste management practices are adopted to keep the campus clean and hygienic. The different kinds of waste materials available in the premises of the institution are safely disposed by various methods

Solid waste management refers to the collecting, treating, and disposing of solid material that is discarded or is no longer useful.

Liquid waste management

The drained water from bathroom, kitchen, and lavatories are collected and treated in the sewage water plants are called waste water .This liquid waste/ sewage water and the waste water generated during the RO process is diverted to the garden

Hazardous waste and Biomedical waste management:

Discharge of chemistry laboratory waste water:

All the experiments carried out in the chemistry laboratory non-hazardous in nature. The Institution is maintaining safe and secure living environment in and around the campus.

No biomedical waste materials are generated in the campus. Hazardous Chemical waste generated from the chemistry laboratory is very minimal posing the least threat.

E – Waste management

The E – waste generated from the campus is handed over to the authorized dealers who purchase the E-scraps and turn them into useful products.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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:

A. Any 4 or All of the above

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

File Description	Documents
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

A. Any 4 or all of the above

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

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	View File

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

Actions for Consideration

- **Encourage the engineering aspirants to define needed changes in engineering education for sustainable development;**
- **To spearhead the engineering aspirants on the exact path towards the sustainable development.**

- **Use existing technical resources to support and encouragesharing of resources on teaching and learning aboutsustainable development and for the development of both the faculty and the student community. PONGAL CELEBRATION Pongal is an auspicious day for all Tamil people which is celebrated every year in the first day of Tamil month called "Thai" in the middle of January. It is a thanks giving celebration to honour farmers by worshiping sun, cow and agricultural fields. On pongal day, every home, they are preparing sweet pongal. Along with sweet pongal, sugarcane,fruits and vegetables are used during Pongal celebration.**

  Pongal celebration is revealing the importance of nature and agriculture among the public in a traditional way. In our college, the Tamil festival "Pongal" is celebrated to create awareness among the students and faculty members. It is also called a "Samathuva Pongal" which means Pongal by all kind of people irrespective of caste and greed. It creates the importance of this traditional festival to all the students from various states of our country.

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

Sri Shanmugha College of Engineering and Technology organizing various activities to sensitize the students and employees to the constitutional obligations such as Values, Rights, Duties and Responsibilities of the citizens. Apart from achieving the academic excellence in all the spheres of its activities, our Institution is striving to produce the distinct productive engineers imbibed with moral and ethical values. Sri Shanmugha commemorates the sacrifice and selfless services rendered by the great leaders for achieving independence and welfare of our nation by regularly celebrating various national festivals such as Independence Day, Republic Day, birth anniversaries of great leaders and thus a sense of patriotism and loyalty towards the sovereignty of our nation is being instilled in the minds of students and thereby they are put on a holy mission of making Indiain unity beyond diversity.

It is ensured in our campus by initiating several green campus drives such as restriction of automobile entry, usage of battery-powered vehicles, pedestrian friendly pathways and landscaping with trees and plants. Our Institution has been recognized as a Swachhata Action Plan Institution by Mahatma Gandhi National Council of Rural Education (MGNCRE) for Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://shanmugha.edu.in/activities/#1641 406681424-438eeea3-4e6c
Any other relevant information	https://shanmugha.edu.in/activities/#1641 406153254-f7d0b486-4f9b

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   A. All of the above

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

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

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

Sri Shanmugha College of Engineering and Technology organizes National Festivals, Birth and Death Anniversaries of great leaders with enthusiasm through which our students are put on a holymission of making a stronger India beyond race, religion, caste and creed.

PONGAL CELEBRATION

Pongal is an auspicious day for all Tamil people which is celebrated every year in the first day of Tamil month called "Thai" in the middle of January. It creates the importance of this traditional festival to all the students from various states of our country.

INDEPENDENCE DAY CELEBRATION

Independence day is celebrated on 15th August of every year starting from the year 1947. This day is having national importance.

REPUBLIC DAY

Republic Day is celebrated on 26th January of every year commemorating the adoption of Our Constitution by hoisting the national flag followed by cultural activities through which our

Institute plays its role in proving patriotism and carrying over the same to younger generation.

YOGA DAY CELEBRATION

The International Day of Yoga is celebrated annually on 21st June since 2015 following its inception in the United Nations General Assembly in 2014.

WOMEN'S DAY

Women's Day – 8th March of every year is celebrated in our Institution with the objective of empowering womenfolk in all walks of life.

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 - I - MENTOR SYSTEM

The mode of teaching by implementing the best practices plays a vital role for sustained progress of students.

Objective– of the "Mentor System" is achieving congenial teacher-student relationship by counseling the students to address their academic and personal issues by imparting human values and thereby guiding them to choose their further career coupled with ethics.

Context –means the "Mentor System" as an ideal platform for students to develop their strength for achieving the academic excellence and to get rid of the societal challenges.

BEST PRACTICE - II - PRE PLACEMENT TRAINING

It is obvious that a student could attain his professional success only when his academic knowledge is imbibed with professional skills for which pre placement training is mandate.

Objectiveof the Pre Placement Training is to impart competent training to students for expertizing them in engineering and thereby equipping them to fulfil industrial requirements and it aims to transform students as the complete professionals.

Context –As the Industries are always looking for vibrant and dynamic students with good academic background, the Pre Placement Training Programme has been drafted in such a way so as to sharpen their spirit and talents to compete the industry requirements.

File Description	Documents
Best practices in the Institutional website	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/naac/#1641406153254-f7d0b486-4f9b
Any other relevant information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria7/7.2.1/7.2.1_Bestpractice

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

INSTITUTIONAL DISTINCTIVENESS

The visionaries of Sri Shanmugha College Of Engineering and Technology inclined to establish the Institution a versatile and distinctive one capable of participating in the process of social transformation. Hence they focused on higher education, particularly the technical education for all and most especially for the poor and downtrodden from the rural areas.

GREEFI TECHNOLOGY–focuses on automation which makes the world better place and they are focusing on Web Development, Mobile App Development and IoT development wherein the Student Experts team.

MOLD MASTERS – INCUBATION –Students from the Mechanical Engineering Department manufacture spare parts for EDM machine

which facilitates long-term relationship with the company.

E2 INFO SYSTEM -isa software engineering and consulting firm providing solutions to address the problems being developed in various business fields whose technology strategy and execution approach prepares the clients for current and future needs by piling solid foundation that offers scalability for growth and adaptability to change

KTECH SOLUTIONS INCUBATION -provides software development services to organisations leveragingthe latest developments in tech to bring the business the software it needs to succeed and are committed in doing Internet of things.

FIN TECH SOLUTIONS -is a full service interactive media and tech company who builds brands and design websites for talented people and the students have their projects for web page development.

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
Academic calendar: The college strictly adheres to the Academic Calendar provided by the University and ensures its complete execution. Regular meetings are conducted by the Heads of Departments to distribute workload, assign subjects, and plan departmental activities, including reviewing syllabus completion. The Principal takes responsibility for effectively implementing the Academic Calendar through formal meetings with the Heads of Departments.   Time- Table Committee: The college establishes a Timetable Committee, whose responsibleis to prepare a timetable. The departments contribute to the creation of the timetable. Once finalized, the timetables are posted on the Notice Board and made available on the website. Further, the university syllabus link is provided to the students for reference. Faculty members prepare a teaching plan at the beginning of the academic year and maintain a logbook to document their teaching and practical activities. The Internal Quality Assurance Cell (IQAC) engages the Heads of Departments (HODs) to conduct periodic assessments of curriculum delivery. Faculty members also conduct extra sessions and practical activities as required and maintain relevant reports. Well-equipped laboratories are utilized to their full potential to deliver the curriculum effectively.   Functioning of IQAC: IQAC (Internal Quality Assurance Cell) operates in accordance with the guidelines established by NBA, NAAC, and ISO. The various departments maintain comprehensive records pertaining to classes, assessments, and project reports, among other things. Similarly, the IQAC closely monitors results, progress, departmental activities, and student needs. It also records different institutional activities related to teaching and learning, development, and improvements in effective curriculum methods.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://shanmugha.edu.in/exam-cell/

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

Academic Calendar: At the beginning of each academic session, the college prepares an Academic Calendar with the involvement of the Principal, Heads of Departments (HoDs), and senior faculties. This calendar serves as a student reference and is also available on the college website. Following the Anna University Curriculum, our institute has devised a comprehensive teaching strategy to enhance students' performance. The Academic Calendar includes important dates and activities such as the start of classes, cumulative working days, holidays, placement training, parents' meetings, internal examination plans, tentative dates for theory and practical exams, attendance reviews, project schedules and reviews, seminars, and more. These activities are diligently implemented in accordance with the Academic Calendar.

Internal Examinations: Prior to conducting internal examinations, a Technical Expert Committee is formed to scrutinize the question papers, ensuring their quality and adherence to the schedule. The marks obtained by students in these internal exams are entered into the web portal.

Assessment Process: According to the regulations, three internal exams are conducted per semester to assess the continuous performance of students. Additionally, other forms of evaluation, such as tests, assignments, mini-projects, and quizzes, are included in the Continuous Internal Evaluation. After evaluation, the answer books are returned to the students, enabling them to discuss with the respective faculty members. If any errors are identified, the faculty rectifies them promptly. The committee members also engage in answer script scrutiny, allowing for continuous monitoring of the progress of slow learners and providing sustained coaching to support their improvement.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	[https://shanmugha.edu.in/exam-cell/]()

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	[View File]()

1.2 - Academic Flexibility

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

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

8

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)

15

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

702

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

1.3 - Curriculum Enrichment

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

GENDER SENSITIZATION: The institution is committed to exerting equal efforts in shaping the character and calibre of all students, regardless of gender. It consistently utilizes gender-neutral language when addressing students, ensuring equal importance and treatment for both genders without discrimination. The priority is given to promoting the active participation of female students in core skill exercises. A key objective is to form class groups comprising mixed genders to promote gender equality at the core level. The institution has an active "Women's Empowerment Cell" dedicated to addressing academic and personal issues faced by female students. Grievances brought forward are critically analyzed and handled carefully while maintaining strict confidentiality. Whenever necessary, the concerned

individuals are provided with appropriate counselling and support.

ENVIRONMENT AND SUSTAINABILITY: The Institution is keen on its responsibility to maintain a healthy environment. The Campus is highly sensitive towards the issues viz., Green Campus, Climate Change and Environmental Degeneration etc., and has achieved a Clean and Green campus. Considering the importance of renewable energy, the installed Solar Photovoltaic Power Generation System with 75KW capacity in our Campus. it supplies more than 50% of our required energy, and the excess power generated is supplied to Tamil Nadu Electricity Board. As a means of Green Campus status, rainwater harvesting is ensured, and a check dam with a capacity of 12.5 lakh liters is constructed inside the Campus, which helps to maintain the groundwater level.

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

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

157

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

570

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	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/feedback/#1642672939887-dfb20fe1-591b
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	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/feedback/#1642672966686-72362bcb-de18

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

361

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

301

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

Strategy for Slow Learners:

- **The class advisor/mentor assesses the students' caliber, analyzes the issues they face in their academia, and diplomatically motivates them to achieve their academic goals.**
- **The department provides course material to slow learners and students likely to drop out due to arrears. Special/Tutorial classes are arranged to provide intensified teaching on difficult units/chapters and clarify doubts, which will help improve their performance.**
- **At the end of each working day, an hour of coaching/tutorial class is conducted in the evening for slow learners to understand the concepts better.**

Strategy for Advanced Learners:

- **Encouraging advanced learners to become members of various professional bodies and organizing technical events and club activities to enhance their leadership qualities.**
- **Furthermore, they are instructed to undertake research-oriented projects to develop a thirst for research orientation and practical knowledge.**
- **We motivate advanced learners to pursue higher studies by taking exams like GATE and IELTS, etc. and also encourage them to enroll in MOOC courses, such as NPTEL, Swayam, edX, and Coursera.**

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.2.1/2.2.1_learninglevelofthestudents.pdf
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
739	95

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Experiential Learning - "Hands-on learning" - is imparted to our students through real-time applications, seminars, and workshops. Our institution encourages students to pursue internships and industrial training by connecting them with various industries. The project-based Learning enables students to undertake industry-oriented projects. The institution also motivates final-year students to take up projects from companies to understand the prevailing industrial scenario requirements.

Participative Learning - Our institution has incubation centers that support students in undergoing industry-oriented training, internships, and live projects. We also emphasize encouraging students to participate in workshops, seminars, design and coding contests, ideathons, hackathons, and the presentation of innovative ideas at conferences. Additionally, we encourage students to publish articles in leading journals, providing further opportunities for participative Learning.

Problem-solving methodology is a student-centered pedagogy in which students learn through experiencing the resolution of open-ended problems. This methodology facilitates acquiring

knowledge, enhancing group collaboration, fostering team spirit, and improving individual communication skills.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.3.1/2.3.1_studentcentricmethod_2021-2022.pdf

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 students and faculty to learn and master the latest technologies to be corporate-ready. Consequently, our institute has ICT-enabled classrooms and labs with installed projectors, and the campus is equipped with a high-speed Wi-Fi connection. The faculty and students utilize various ICT-enabled tools to enhance the quality of teaching and learning. Google Classroom manages and shares course-related information, learning materials, quizzes, internal assessment question papers, answer scripts, assignments, and evaluations. They effectively utilize ICT-enabled tools such as laptops, headphones, writing pads, the internet, video lectures, audio lectures, PPT presentations, virtual labs, YouTube links, e-contents, etc.

File Description	Documents
Upload any additional information	View File
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

41

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

95

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

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

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

24

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

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

2.4.3.1 - Total experience of full-time teachers

265

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

2.5 - Evaluation Process and Reforms

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

The main objective of an Internal Assessment is to assess the student's understanding of each topic in the syllabus.

Internal Assessment Examination: The process is described in the Academic Calendar, which stipulates the dates for covering the syllabus, conducting theory and lab Internal Assessments, and ensuring total transparency throughout the process. According to Anna University norms, three Internal Assessment Exams (IAEs) are conducted. The timetable for these exams will be prepared and displayed on the notice board well in advance. Prior to the exams, the subject faculty members will prepare two sets of question papers based on Bloom's Taxonomy, which will be verified and approved by the respective Heads of departments.

Evaluation Process: The answer scripts are evaluated within two days after the internal exam, based on the answer key prepared by the course instructor. As a measure of transparency, the evaluated answer scripts are returned to the students for review and discussion with the respective faculty. If any discrepancies are noticed, the faculty will rectify them. The students will acknowledge the correction of marks by signing near the recorded marks in the answer script.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.5.1/2.5.1_transparencyofinternalassessment.pdf

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

Exam Cell: The system effectively monitors the process of conducting internal and external examinations, including the preparation of question paper sets, the conduct of exams, the collection of answer scripts, the evaluation process, and the entry of students' attendance and marks scored. Furthermore, data is uploaded to the University web portal with time-bound transparency.

Internal and End-Semester Exams: The faculty is responsible for the complete the evaluation process within two days. The evaluated answer scripts are then given to the students for perusal.

Redressal of Students' Grievances: During the end-semester examinations, students may face general issues such as (i) difficulties in downloading the Hall Tickets and question papers due to the shift to online exams this academic year, (ii) incorrect particulars such as Register No., Name, Gender, and Subjects with Code found on the Hall Ticket, (iii) inclusion of out-of-syllabus content in the question paper, (iv) results being withheld by the University, and so on.

Revaluation Process: if a student has objections to the marks they scored, the Exam Cell guides them in applying for a photocopy of the answer script. Once the student receives the photocopy, the subject faculty will re-evaluate it. Based on the faculty's recommendations, the student can apply for re-evaluation within a week.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.5.2/2.5.2_grievancesofint_ernalassessment.pdf

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.

The Institute has distinct Course Outcomes (COs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Programme Educational Objectives (PEOs) for all programs. It has devised well-defined Vision and Mission statements based on which POs and COs are framed. The syllabus content is correlated by Heads of Departments (HoDs), Course Instructors, and subject experts. These are then presented to the Department Advisory Committee (DAC) for discussion and approval by the Governing Council.

COs, POs, PSOs, PEOs, Vision, and Mission statements are disseminated to the stakeholders by displaying them on the college website, HoDs' cabins, faculty rooms, classrooms, laboratories, lab manuals, course delivery plans, and other prominent areas of the institution for the public view of students, staff, and others. A soft copy of the curriculum and learning outcomes of the programs and courses is uploaded on the institution's website. In contrast, a hard copy of the syllabus and learning outcomes is available in the departments for easy reference.

HOD will approve the lesson plan for each course. At the beginning of each semester, the printed COs and lesson plan are provided to the students. Although Anna University provides COs along with the syllabus, the Course Committee can modify them whenever necessary.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.6.1/2.6.1_cos.pdf
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 evaluation of Programme Outcomes (POs) and Course Outcomes (COs) Attainment is assessed based on students' direct and indirect Attainment.

Direct Attainment is evaluated through three Internal tests, each worth 100 marks, with an assessment weightage of 20%. The End Semester examination, worth 100 marks, is assessed for 80% weightage. These assessments are combined with the conversion of weightage, with 80% for the End Semester examination and the remaining 20% for indirect Attainment achieved through course-end surveys. The final results are published based on these assessments.

A similar strategy is followed for assessing Attainment in practical examinations. This includes the evaluation of Lab records, Observation, and Model Practical Examination, with a weightage of 20%. The End Semester practical examination is assigned an 80% weightage, and a course-end survey with a 20% weightage is conducted to calculate the final results.

Indirect Attainment is evaluated through a Student Exit Survey conducted at the end of the program, an Alumni Survey, and Parent Feedback.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.6.2/2.6.2_attainment.pdf

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

`119`

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)

https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria2/2.7.1/2.7.1StudentsSatisfactionSurvey.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)

`6.42`

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

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

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

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

2

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	<u>View File</u>
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

The institution takes several measures and constructs an ecosystem to promote innovation among students and the faculty community. It is a part of the MHRD-IIC (Ministry of Human Resource Development - Institution's Innovation Council) and is certified under this council. Faculty members from each department are deputed to initiate various activities under innovation, intellectual property rights (IPR), entrepreneurship, and startups.

Every year, the institution promotes student participation in

national-level competitions such as Smart India Hackathon, which provides a platform for students to solve present problems and cultivate a culture of product innovation and a problem-solving mindset. Details of the MHRD IIC committee constituted to promote innovation within the campus, as recommended by MHRD IIC, are provided.

To foster the spirit and culture of innovation among faculty and students, council members are encouraged to participate in innovation, entrepreneurship, IPR, and design thinking activities. They then share their insights with the student community. The institute consistently promotes the establishment of incubation centres by companies. Students are encouraged to take part-time internships in these companies to learn new technologies. Additionally, the management supports students in developing innovative solutions with commercial viability.

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

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

4

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

0

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

11

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

4

File Description	Documents
Any additional information	View File
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

In addition to the primary curriculum, our institute focuses on the inner personality development of each student by encouraging their involvement in extension activities and making them realize their social responsibility. We provide opportunities for students to engage in such activities through organizations like NSS (National Service Scheme), YRC (Youth Red Cross), and sports events.

The NSS Unit of our institution takes responsibility for transforming students into good citizens imbued with a sense of professional ethics and social commitments. Annually, an event calendar is drafted with a systematic plan to guide students in extending their services through community-based activities and sensitize them towards social issues and holistic development. NSS Unit organizes various programs such as Environmental Awareness, Tree Plantation, Swachh Bharat (Clean India), Cleanliness Drives, Blood Donation Camps, Gender Equality initiatives, and visits to orphanages. These activities create awareness about societal issues.

The spirit of voluntary work fosters interaction between the campus and the community, which contributes to students' personality development through community service. In the past, students and volunteering faculty members have collaborated with government organizations, including local administration, revenue, police, and transport departments. They have significantly contributed to environmental preservation, road traffic awareness, watershed management, health education, and disaster management.

File Description	Documents
Paste link for additional information	Nil
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

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	**No File Uploaded**
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	<u>View File</u>
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

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

550

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

28

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

6

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.

SMART CLASSROOM: A Smart Classroom is the ultimate self-service, presenter-friendly environment conducive to the teaching/learning processes. The classroom computer supports interactive learning, facilitating a shift from disclosing to processing information, with 70% dedicated to the presentation and 30% to the demonstration. All classrooms are 'smart' with high-speed data networks and LCD projectors for audio and video.

LABORATORIES: The laboratories are equipped with state-of-the-art hardware and licensed software to run program-specific curriculum. The laboratory facilities are open to students and staff during and beyond working hours. A project lab has been provided for students to carry out their project work. Safety instructions are displayed in all the laboratories.

INTERNET & WI-FI: SSCET has entered an e-revolution by providing an internet speed of 300 Mbps throughout the campus via LAN. The campus intranet contains essential details about test schedules, timetables, examination schedules, campus news, and more, along with a wealth of information about the college.

COMPUTING EQUIPMENT: SSCET is equipped with 300 computers, three servers, a network switch, and a Wi-Fi facility. All the terminals are interconnected through wired and wireless (Wi-Fi) networks.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shanmugha.edu.in/facilities/

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

The institution has adequate facilities for sports, games (indoor and outdoor), a gymnasium, a yoga centre, and cultural activities.

PROMINENT FEATURES: Qualified Physical Directors and supporting staff, a playing area of 10,000 square meters, sponsorships for elite players, exposure of students to state and national-level tournaments, individual attention to every player through mentoring, and an indoor sports complex.

CULTURAL ACTIVITIES: For conducting cultural activities, we have an auditorium with a seating capacity, centralized air conditioning, a sound system, and recording facilities with a handy cam. Movies and short films are projected in the auditorium using a 75" x 100" LED display, BOSE sound system, and air conditioning.

SPORTS: Five acres of open ground are allotted for promoting outdoor sports such as badminton, ball-badminton, basketball, cricket, kabaddi, kho-kho, volleyball, handball, athletics (400 meters), long jump, high jump, javelin throw, shot put, discus throw, tennis with floodlight arrangements, and football. A separate indoor games facility is provided for table tennis, carrom, and chess.

GYMNASIUM: The multi-power gym is equipped with 20 varieties of modern equipment, including ten stations, luxury rubberized dumbbells, and a twister with sitting and standing options. Students enthusiastically use this facility for their daily workouts.

YOGA CENTER: SSCET has a separate yoga centre with adequate ventilation and space.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shanmugha.edu.in/facilities/

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

20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shanmugha.edu.in/facilities/
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)

207.27

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

4.2 - Library as a Learning Resource

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

Our institution takes pride in its gorgeous Central Library,

which has a built-up area of 454 square meters and houses a collection of 23,035 books. It features a well-furnished reading hall measuring about 254 square meters. Our library is equipped with a fully automated Integrated Library Management System (ILMS) software provided by AutoLib. This automated package of library services includes circulation, acquisitions, cataloguing, web OPAC, and report generation.

Our library has a subscription of national and international e-journals such as Springer, ProQuest, DELNET, NPTEL, and DELNET. Additionally, DELNET offers an Inter-Library Loan (ILL) facility, allowing students and faculty to request books, photocopies, and articles from other libraries. Along with these features, SSCET Library provides access to resources such as Amrita Virtual Lab, Spoken Tutorial, MOOCs, and SWAYAM, enriching the learning experience.

During working hours, the Central Library offers internet browsing, scanning, and photocopying facilities at nominal charges to cater to the needs of students and faculty. CCTV cameras are strategically installed throughout the library premises for close surveillance purposes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://shanmugha.edu.in/library/

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

A. Any 4 or more 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)

`4.55`

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

`66`

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

All the classrooms, laboratories, seminar halls, and auditorium have IT facilities enabled. The campus is Wi-Fi enabled, and scanners, printers, and other accessories are available. The computers in the centres are equipped with the latest updated software and hardware. Internet, printing, and scanning facilities are accessible through the network. Additionally, each centre is equipped with uninterrupted power backup.

INFORMATION SECURITY: Proxy servers are configured in the firewall to block spam messages and malicious attachments.

LAN FACILITY: Ethernet, LAN and a 300 Mbps dedicated internet

facility have been upgraded to Wi-Fi LAN and broadband
internet connectivity to ensure seamless data transmission.

UPGRADING IT INFRASTRUCTURE AND ASSOCIATED FACILITIES: The
academic advisory periodically reviews the IT infrastructure
and recommends necessary upgrades. IT infrastructure
strategies are developed following the guidelines of AICTE
and the affiliated university.

RISK MANAGEMENT: The institute's IT assets, such as the
website, e-resources, and campus automation system, are
protected against vulnerabilities, threats, and theft through
Kaspersky antivirus.

OPEN-SOURCE RESOURCES: To judiciously utilize funds and
comply with licensing agreements, the college emphasizes open-
source software per the guidelines of AICTE and the
affiliating university.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://shanmugha.edu.in/facilities/

4.3.2 - Number of Computers

294

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	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

44.2

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

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

- **The campus supervisor oversees the maintenance and upkeep of infrastructure facilities.**

  All departments have the necessary infrastructure, including classrooms, seminar halls, faculty rooms, common rooms, and laboratories.

  Each laboratory has a designated faculty and technical staff member for its functioning and maintenance.

  Equipment and machinery undergo calibration at the end of each semester to ensure accuracy and proper operation.

  A dedicated department with IT staff members handles day-to-day computer maintenance.

  The library committee collects book requirements,

obtains approval from the Principal, and manages tasks such as removing outdated titles and issuing books.

All departments are required to adhere to institute guidelines for cleanliness and maintenance.

Regular maintenance of electrical devices is documented, and generators have a maintenance logbook. Components such as floors, walls, doors, windows, and restrooms receive regular upkeep.

Water tanks are cleaned every six months, and water testing is conducted before and after cleaning.

Sports facilities are maintained and upgraded by the sports department, and any necessary repairs are reported to the administration.

The hostel department handles student grievances, enforces student entry and exit rules, and ensures food quality.

Regular meetings are held to address maintenance, cleanliness, and hostel-related issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://shanmugha.edu.in/facilities/#16 42747437641-228321cb-876a

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

556

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students 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

471

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

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

File Description	Documents
Link to Institutional website	https://shanmugha.edu.in/activities/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

519

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

519

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

116

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

7

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

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

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

3

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

8

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

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

Every academic year, a new Council of Students is formed for various clubs and committees in our institution. Each committee discusses and decides its calendar, resource requirements, and execution methods, which helps foster a sense of responsibility and leadership qualities among the students.

Department Advisory Committee: Each department has its own

Advisory Committee, consisting of students and a faculty member as an advisor. The Department Advisory Committee plays a crucial role by allowing students to provide suggestions for improving department activities.

Library Committee: The Library Committee aims to promote student interest in library activities and enhance library services.

National Service Scheme (NSS): Besides academics, our institution emphasizes the importance of students' active participation in NSS activities. This involvement in NSS activities helps develop their personality and nurtures them into responsible citizens.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria5/5.3/%205.3.2_representation_2021-22.pdf
Upload any additional information	View File

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

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

14

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

5.4 - Alumni Engagement

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

Preamble: The alumni association of our institution is known as the "SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION." It was registered on 12.07.2018. The primary objective of the SSCET alumni association is to establish and maintain lifelong connections between the institute and its alumni.

Alumni Meet: Every year, the second Saturday of March is dedicated as Alumni Day. The day is celebrated with cultural events, talks by alumni members, discussions on industry trends, and updates on the institute's development.

Participation in Academic Activities: Alumni are invited to actively participate in Department Advisory Committee (DAC) meetings and provide valuable feedback on the curriculum during Governing Council meetings.

Placements and Internship Support: The SSCET alumni network continues to expand globally, with the establishment of new chapters in various regions. These chapters provide opportunities for alumni to connect, network, and support each other in their personal and professional lives. They also contribute to the placement and internship support for current students.

Non-Financial Activities: Alumni contribute to various non-financial activities such as delivering guest lectures, organizing skill development programs, and facilitating industry interactions. Their involvement enhances the overall learning experience and prepares students for real-world challenges.

Alumni Mentorship: Members of the alumni association are invited to serve as guest lecturers and engage in regular interactions with students. Through these mentorship opportunities, alumni share their valuable experiences and insights, guiding students in their personal and professional growth.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/alumini/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Our institute aims to educate engineering students with managerial skills and ethical values, making significant contributions to society.

Vision:

To provide renowned engineering and technology education, fostering global competence and a research-oriented mindset among students.

Mission:

To achieve excellence in the teaching-learning process by utilizing state-of-the-art resources.

To provide opportunities for upgrading faculty knowledge and skills.

To implement the best student training practices to meet the requirements of the industrial scenario in the state.

To motivate faculty and students to engage in research activities for real-time applications.

Transformation of the Mission: Sri Shanmugha College of

Engineering and Technology prioritizes transparency, participative leadership, and delegation of powers to achieve excellence in teaching and learning processes. The institute utilizes state-of-the-art resources to promote faculty knowledge and skills, ensuring students receive the best training practices for real-world applications. The Governing Council constituted according to AICTE guidelines, formulates the institute's Vision, Mission, and Perspective Plan while also encouraging faculty suggestions for effective administration. Various sub-committees, including the Internal Quality Assurance Cell, Library Advisory Committee, Disciplinary Committee, Training and Placement Cell, Women Empowerment Cell, Internal Complaint Committee, Grievance Redress Committee, and Anti-Ragging Committee, ensure decentralized academic and administrative affairs.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.1.1/6.1.1_egovernance.pdf
Upload any additional information	View File

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

The Annual Quality Assurance Report of Sri Shanmugha College of Engineering and Technology highlights the institution's participative management culture, involving staff and students in major activities. The Governing Council, Internal Quality Assurance Cell, and Academic Advisory Council are ensuring educational quality and standards growth. The Governing Council consists of the Chairman, a representative from Sri Shanmugha Educational Trust, experts from industries and academia, an Anna University nominee, and institution faculties. They review progress, provide guidance, and discuss measures for maintaining high-standard education and development.

Internal Quality Assurance Cell (IQAC) improves teaching and learning processes. It focuses on enhancing the overall quality of education. Academic Council governs various academic activities, including teaching, learning, evaluation, research, development, infrastructure,

innovations, and best practices.

The institution has established various committees and sub-committees to manage academic affairs effectively, such as the Placement and Training Committee, Library Committee, and hostel committees. The hostel committee ensures quality food, common facilities, and cleanliness, while the transport committee arranges transportation facilities for students and staff, promoting decentralization and participative management.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.1.2/6.1.2_Committeesactiontaken.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Our institution was established in the academic year 2011-2012. We aim to become a leading institute in Engineering and Technology, known for implementing the best educational practices to meet global standards. We strive to foster domain knowledge and develop a research-oriented mindset among our students, making them globally competent.

Our institute adopts innovative and robust teaching-learning processes that encourage students to analyze real-time applications and meet current industrial requirements. We emphasize "hands-on learning," which involves practical and experimental approaches. Additionally, we incorporate ICT (Information and Communication Technology) and project-based learning, providing students with opportunities to engage in industry-oriented projects.

To promote an innovative spirit among our students and faculty community, we encourage participation in programs related to Intellectual Property Rights (IPR), innovation, entrepreneurship, and startups. We have dedicated special labs with the latest hardware and software tools, such as the PCB Design Lab using Altium Designer, Arduino-based Development, CNC Milling and Turning Machine, and Bio-Energy

Lab.

Furthermore, our institute supports students in commercial aspects, assisting them in developing innovative products and showcasing them in national-level project competitions. As a result, our students have achieved noteworthy recognition and won prizes.

To enhance the learning experience, we provide access to various e-learning resources, including Amrita Virtual Lab, Swayam, NPTEL, NME-ICT, Learning Management Systems (LMS), and Coursera.

Our institute is committed to providing a comprehensive and cutting-edge education that equips our students with the skills and knowledge necessary to excel in Engineering and Technology.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.2.1/6.2.1_Strategic Plan.pdf
Upload any additional information	View File

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

Sri Shanmugha College of Engineering and Technology is dedicated to providing quality engineering education to rural students, achieving this through the involvement of various committees and stakeholders. The Governing Council, comprising the Chairman, Sri Shanmugha Educational Trust representative, industry experts, Anna University nominee, faculty, and Special Invitees, conducts an annual review of academic and administrative issues. Additionally, the institute's sub-committees oversee the coordination of administrative and academic affairs, including the Academic Committee.

The Annual Quality Assurance Report emphasizes the

establishment of several committees to address different aspects of the institute's functioning. These committees include Finance, Internal Quality Assurance Cell, Library Advisory, Disciplinary, Training, Placement, Women Empowerment, Internal Complaint, Grievance Redress, Anti-Ragging, Transport, and Hostel committees.

Regarding the administrative structure, the Chairman guides the institute's daily affairs, while the Vice-Chairman oversees strategic matters. The Administrative Officer is responsible for maintaining the infrastructure, and the Principal provides academic leadership, oversees development, and monitors the overall functioning of the organization. The Vice-Principal coordinates activities related to NAAC and NBA accreditation, ensures the effective functioning of the IQAC, oversees teaching and learning processes, suggests corrective measures when needed, initiates supplementary teaching, and conducts co-curricular activities.

The Heads of Departments lead, manage, and develop their respective departments, while the faculty members guide students and fulfill their professional and institutional commitments. The institute has established Service Rules and Procedures for faculty members to maintain good conduct, discipline, and high standards in professional and personal virtues.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.2.2/6.2.2_Administrativesetup.pdf
Link to Organogram of the institution webpage	https://shanmugha.edu.in/organization-chart/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	B. Any 3 of the above

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

6.3 - Faculty Empowerment Strategies

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

Institutional growth relies on its faculty recognizing their needs and requirements and implementing welfare measures to create a positive working environment. The institution offers various welfare measures to support its employees, including the Employee's Provident Fund (EPF), the ESI scheme, and group insurance.

Under the EPF scheme, eligible staff members contribute 12% of their pay, which the employer matches. The EPF scheme provides financial security and retirement benefits to employees.

The ESI scheme is available for employees with monthly incomes below Rs 21,000. This scheme offers comprehensive health insurance coverage and medical benefits to eligible staff.

The institution also provides group insurance, including a personal accidental policy with a capital sum insured of Rs 90,080/- and coverage for medical expenses up to Rs. 50,000/-. These insurance benefits aim to ensure the well-being and security of the employees.

Maternity leave for female staff members is provided for six months, allowing them to balance work and family responsibilities. Research faculty members receive permission per academic year for two days of OD (Official Duty) to facilitate their research activities.

All teaching and non-teaching staff members receive 50% fee

concessions on college buses and have access to loan facilities. Additionally, they enjoy summer and winter vacations.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.3.1/6.3.1_Employers Welfare.pdf
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

40

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

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

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

1

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

49

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

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

The Faculty Appraisal System is imperative for assessing the calibre and performance of individual faculty members and optimizing their contributions to the department's progress

and institutional performance. It involves the faculty's performance and identifying their strengths and weaknesses. The Faculty Performance Appraisal encompasses the faculty's involvement in the Teaching-Learning Process, Co-Curricular and Extra-Curricular activities, and Research Initiatives.

The appraisal system evaluates the overall performance of each faculty member based on three categories: Category-1 - Teaching, Learning, and Evaluation Related Activities; Category-2 - Self Improvement, Research, and Development; and Category-3 - College Level/Department Level Additional Responsibilities and Co-Curricular Activities.

Under Category-1 (30 points), the faculty's performance is assessed based on the results of University Examinations and their involvement in teaching-oriented activities.

Category-2, (30 points) , focuses on the faculty's participation in seminars, workshops, organizing and attending training programs, guidance for students' projects, research projects submitted and sanctioned, and publishing books and articles in leading journals.

Category-3 evaluates the faculty's involvement in accepting additional responsibilities at the college and department levels, including co-curricular and extension activities. This category carries a weightage of 40 points.

The Faculty Appraisal System significantly impacts faculty members, motivating them to strive for excellence and achieve targets. As a result, this leads to improved performance by students.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.3.5/6.3.5_SelfAppraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism

for settling audit objections within a maximum of 200 words

The institution has established a mechanism for conducting internal and external audits of financial transactions on an annual basis. The internal audit is conducted twice a year by the internal financial committee of the institution. The committee verifies the income and expenditure details and prepares a compliance report based on the internal audit findings. Additionally, an external agency conducts an external audit once a year.

The institution utilizes several mechanisms to monitor financial resources. Before the start of each financial year, the principal submits a budget allocation proposal, which is reviewed by the heads of all departments and presented to the management. The college budget includes recurring expenses such as salaries, electricity charges, internet fees, maintenance costs, stationery, and other consumable charges.

The internal audit process involves semi-annually auditing all vouchers by the internal financial committee. The committee thoroughly checks the expenses incurred under different heads by verifying the bills and vouchers. If any discrepancies are found, they are brought to the principal's notice.

For the external audit, the college accounts are audited by a chartered accountant in accordance with government rules and regulations. The auditor ensures that all payments are duly authorized. After the audit, a report is prepared and sent to the management for review.

By conducting regular internal and external audits, the institution maintains transparency and accountability in its financial transactions, ensuring compliance with regulations and proper utilization of financial resources.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.4.1/6.4.1_FinanceAudit.pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	**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

The institution has a well-established mechanism for fundraising and effectively monitoring the optimal utilization of available resources.

Tuition fees are collected from students adhering to the Tamil Nadu Government Higher Education Rules and Regulations. These funds serve as the primary source of income for the institution. Additionally, the institution receives government funds through scholarships, alumni contributions, college development funds, central government funds for research proposals, and fees from hostel and transport services. These financial resources provide financial assistance to the institution.

The Principal, following approval, allocates a budget to each department while retaining some contingency funds. The budget includes expenses for purchasing laboratory equipment, furniture, and other development and maintenance needs.

Financial powers have been delegated to the Principal and Heads of Departments (HoDs) up to Rs. 50,000/- and 10,000/-, respectively. The Governing Council's ratification is obtained during meetings if any expenditure exceeds these limits.

The funds are utilized for various student academic activities, such as organizing symposiums, seminars, workshops, and other events. Financial assistance is also provided to students participating in national and state-level competitions. Major projects, such as the construction of buildings, infrastructure upgrades, and procurement and maintenance of common utilities, are funded through these resources.

The institution places great importance on responsible financial management and appropriately allocates funds to support student activities, academic initiatives, and infrastructure development.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.4.3/6.4.3_UtilizationofFunds.pdf
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

IQAC (Internal Quality Assurance Cell) plays a vital role in planning, guiding, and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities in Higher Education Institutions (HEIs). Its purpose is to systematize and channel the efforts and measures of an institution towards academic excellence. Every HEI should have an internal quality assurance system with a suitable structure and processes that can be flexible enough to meet the diverse needs of stakeholders.

The structure and composition of the IQAC typically include the following:

- Head of the HEI as the Chairperson
- Five senior teachers as members
- One senior administrative official as a member
- Two external experts in Quality Management, Industry, or the local community as members
- Director/Coordinator of the IQAC as the Member

Secretary

The objectives of the IQAC are as follows:

- Facilitate and contribute to a heightened clarity and focus in institutional functioning towards quality enhancement.
- Promote the internalization of a quality culture within the institution.
- Enhance and integrate various activities of the institution and institutionalize good practices.

The strategies employed by the IQAC include the evolution of mechanisms and procedures for:

- Ensuring timely, efficient, and progressive performance of academic, administrative, and financial tasks
- Ensuring the relevance and quality of academic and research programs
- Optimizing and integrating modern methods of teaching and learning

IQAC, through its activities and initiatives, aims to foster a culture of quality within the institution, promote continuous improvement, and ensure the overall development and excellence in academic and administrative functioning.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.5.1/6.5.1_IQAC.pdf
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

IQAC has significantly contributed to ensuring continuous quality through the Academic Administrative Audit (AAA) process and enhancing student performance through a mentoring system.

Periodical Academic Audit is conducted to maintain the quality of the teaching-learning process. The structure of

the Academic Audit involves an internal audit conducted by a team of senior faculty members from different departments. IQAC facilitates the audit format for the auditing team. Once IQAC completes the audit format, the report is discussed with the respective Head of Department (HOD), and a one-week time frame is given to the department to address the observations and rectify any issues. After rectification, the report is submitted to IQAC, which provides suitable recommendations for improvement.

The documents audited during the Academic Audit include the following:

- Time Table and individual faculty timetables
- Student name list
- Minutes of class committee meetings
- Faculty logbook and attendance statements
- Course files and learning materials
- Samples of internal answer papers
- Consolidated mark statements
- Examples of assignments, seminar presentations, case studies, etc.
- Progress review reports
- Details of value-added courses with feedback
- Remedial measures and the provision of bridge or extra classes by faculty members
- Consolidated semester result analysis

IQAC ensures that the teaching-learning process is effective through the Scholarly Audit process, students' progress is monitored, and any necessary improvements are identified and implemented. The mentoring system implemented by IQAC further supports students' performance by providing guidance, support, and assistance in their academic journey.

File Description	Documents
Paste link for additional information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria6/6.5.2/6.5.2_IQAC_Academicaudit.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of	B. Any 3 of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/naac/#1641408239866-6be5d2fe-2a65
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Response: Sri Shanmugha College of Engineering and Technology aims to groom its students of both gender to be self-reliant, continuous learners, effective communicators, having respect over different cultures, aware of their social responsibilities, too sensitive towards sexual harassment with zero tolerance with environmental consciousness.

Sri Shanmugha's prime objective is to promote engineering education which fulfils the needs of human society emphasizing gender equality. Hence, equal opportunity is ensured in all the spheres of our Institution for both genders in terms of admission, training, placement, sports and cultural activities etc., and so no chance of the gender issues emerging in our campus. Hence, so as to inculcate a sense of discipline and to promote the various programs on

gender equity is conducted in our Institution.

Student Council is another powerful tool of our Institute which ensures harmony among the students, faculty and management. For ensuring the absolute safety of womenfolk inside the campus, security guards are posted at the prime points and Wardens ensuring the safety of girl students in the hostel. In addition, surveillance of the campus and hostel is done through CCTV cameras installed at all the junction points. Separate gym, well-furnished common room and ambulance facilities are available for the girl students.

File Description	Documents
Annual gender sensitization action plan	https://shanmugha.edu.in/women-empowerment-cell/#1668226291312-ec7133ab-d543
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria7/7.1.1/7.1.1_facilities.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	View File

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

Management of degradable and non – degradable waste:

Our Institution is highly conscious of the responsibilities

to maintain the campus clean and green hence different kinds of waste management practices are adopted to keep the campus clean and hygienic. The different kinds of waste materials available in the premises of the institution are safely disposed by various methods

Solid waste management refers to the collecting, treating, and disposing of solid material that is discarded or is no longer useful.

Liquid waste management

The drained water from bathroom, kitchen, and lavatories are collected and treated in the sewage water plants are called waste water .This liquid waste/ sewage water and the waste water generated during the RO process is diverted to the garden

Hazardous waste and Biomedical waste management:

Discharge of chemistry laboratory waste water:

All the experiments carried out in the chemistry laboratory non- hazardous in nature. The Institution is maintaining safe and secure living environment in and around the campus.

No biomedical waste materials are generated in the campus. Hazardous Chemical waste generated from the chemistry laboratory is very minimal posing the least threat.

E – Waste management

The E – waste generated from the campus is handed over to the authorized dealers who purchase the E-scraps and turn them into useful products.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities	A. Any 4 or all of the above

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

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**

A. Any 4 or All 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

A. Any 4 or all of the above

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

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	View File

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

Actions for Consideration

- **Encourage the engineering aspirants to define needed changes in engineering education for sustainable development;**
- **To spearhead the engineering aspirants on the exact path towards the sustainable development.**

- **Use existing technical resources to support and encouragesharing of resources on teaching and learning aboutsustainable development and for the development of both the faculty and the student community. PONGAL CELEBRATION Pongal is an auspicious day for all Tamil people which is celebrated every year in the first day of Tamil month called "Thai" in the middle of January. It is a thanks giving celebration to honour farmers by worshiping sun, cow and agricultural fields. On pongal day, every home, they are preparing sweet pongal. Along with sweet pongal, sugarcane,fruits and vegetables are used during Pongal celebration.**

    Pongal celebration is revealing the importance of nature and agriculture among the public in a traditional way. In our college, the Tamil festival "Pongal" is celebrated to create awareness among the students and faculty members. It is also called a "Samathuva Pongal" which means Pongal by all kind of people irrespective of caste and greed. It creates the importance of this traditional festival to all the students from various states of our country.

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

Sri Shanmugha College of Engineering and Technology organizing various activities to sensitize the students and employees to the constitutional obligations such as Values, Rights, Duties and Responsibilities of the citizens. Apart from achieving the academic excellence in all the spheres of its activities, our Institution is striving to produce the distinct productive engineers imbibed with moral and ethical values. Sri Shanmugha commemorates the sacrifice and selfless services rendered by the great leaders for achieving independence and welfare of our nation by regularly celebrating various national festivals such as Independence Day, Republic Day, birth anniversaries of great leaders and thus a sense of patriotism and loyalty towards the sovereignty of our nation is being instilled in the minds of students and thereby they are put on a holy mission of making Indiain unity beyond diversity.

It is ensured in our campus by initiating several green campus drives such as restriction of automobile entry, usage of battery-powered vehicles, pedestrian friendly pathways and landscaping with trees and plants. Our Institution has been recognized as a Swachhata Action Plan Institution by Mahatma Gandhi National Council of Rural Education (MGNCRE) for Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://shanmugha.edu.in/activities/#1641406681424-438eeea3-4e6c
Any other relevant information	https://shanmugha.edu.in/activities/#1641406153254-f7d0b486-4f9b

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	A. All 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

Sri Shanmugha College of Engineering and Technology organizes National Festivals, Birth and Death Anniversaries of great leaders with enthusiasm through which our students are put on a holymission of making a stronger India beyond race, religion, caste and creed.

PONGAL CELEBRATION

Pongal is an auspicious day for all Tamil people which is celebrated every year in the first day of Tamil month called "Thai" in the middle of January. It creates the importance of this traditional festival to all the students from various states of our country.

INDEPENDENCE DAY CELEBRATION

Independence day is celebrated on 15th August of every year starting from the year 1947. This day is having national importance.

REPUBLIC DAY

Republic Day is celebrated on 26th January of every year commemorating the adoption of Our Constitution by hoisting the national flag followed by cultural activities through which our Institute plays its role in proving patriotism and

carrying over the same to younger generation.

YOGA DAY CELEBRATION

The International Day of Yoga is celebrated annually on 21st June since 2015 following its inception in the United Nations General Assembly in 2014.

WOMEN'S DAY

Women's Day – 8th March of every year is celebrated in our Institution with the objective of empowering womenfolk in all walks of life.

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 - I - MENTOR SYSTEM

The mode of teaching by implementing the best practices plays a vital role for sustained progress of students.

Objective- of the "Mentor System" is achieving congenial teacher-student relationship by counseling the students to address their academic and personal issues by imparting human values and thereby guiding them to choose their further career coupled with ethics.

Context –means the "Mentor System" as an ideal platform for students to develop their strength for achieving the academic excellence and to get rid of the societal challenges.

BEST PRACTICE - II - PRE PLACEMENT TRAINING

It is obvious that a student could attain his professional success only when his academic knowledge is imbibed with professional skills for which pre placement training is mandate.

Objectiveof the Pre Placement Training is to impart competent training to students for expertizing them in engineering and thereby equipping them to fulfil industrial requirements and it aims to transform students as the complete professionals.

Context —As the Industries are always looking for vibrant and dynamic students with good academic background, the Pre Placement Training Programme has been drafted in such a way so as to sharpen their spirit and talents to compete the industry requirements.

File Description	Documents
Best practices in the Institutional website	https://shanmugha.edu.in/sri-shanmugha-college-of-engineering-technology/naac/#1641406153254-f7d0b486-4f9b
Any other relevant information	https://shanmugha.edu.in/naacpdf/aqar2021-2022/criteria7/7.2.1/7.2.1_Bestpractice

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

INSTITUTIONAL DISTINCTIVENESS

The visionaries of Sri Shanmugha College Of Engineering and Technology inclined to establish the Institution a versatile and distinctive one capable of participating in the process of social transformation. Hence they focused on higher education, particularly the technical education for all and most especially for the poor and downtrodden from the rural areas.

GREEFI TECHNOLOGY-focuses on automation which makes the world better place and they are focusing on Web Development, Mobile App Development and IoT development wherein the Student Experts team.

MOLD MASTERS – INCUBATION –Students from the Mechanical Engineering Department manufacture spare parts for EDM machine which facilitates long-term relationship with the company.

E2 INFO SYSTEM –isa software engineering and consulting firm providing solutions to address the problems being developed in various business fields whose technology strategy and execution approach prepares the clients for current and future needs by piling solid foundation that offers scalability for growth and adaptability to change

KTECH SOLUTIONS INCUBATION –provides software development services to organisations leveragingthe latest developments in tech to bring the business the software it needs to succeed and are committed in doing Internet of things.

FIN TECH SOLUTIONS –is a full service interactive media and tech company who builds brands and design websites for talented people and the students have their projects for web page development.

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

PERSPECTIVE PLAN

- **A place / an abode / a holy shrine Where the World TECHNOCRAFTS are created every year.**
- **An Autonomous body with effect from 2022-23 academic year onwards.**

- **With Accredited by NBA and NAAC "A+" to NAAC "A++".**

- **Marching forward to set up STARTUP STUDIOUS and Development centers in collaboration with Industries Institutes Interactions [III] at least 10 in numbers.**

- The institution is a part of MHRD – IIC council and also certified.

- In order to support and develop the mindset of the researchers to continue their innovative projects, planning to extend the number of incubation laboratories at least to 5 in number.
- Implant Training, Industrial Visits and 100%Internships [in-house] are made mandatory to respective II, III and IV year students.
- Comes under National Institutional Ranking Framework [NIRF] by MHRD and will be rated with 500 very soon.
- 10 COE in the field of CSE, ECE and MECH and is planning to get for other departments too.
- Aims to invade into ARIIA- this may happen from Band Promising to Band Performer.
- It is planned to establish Idea Lab to convert the ideas into prototype.
- To collaborate with reputed foreign universities for faculty student exchange and research program.