



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

SOLAMALAI COLLEGE OF ENGINEERING

- Name of the Head of the institution **Dr. M.SANTHI**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **04522429280**
- Mobile No: **8012506072**
- Registered e-mail **principal.scemdu@gmail.com**
- Alternate e-mail **solamalai.scemdu@gmail.com**
- Address **S.V. RAJA NAGAR,
VEERAPANJAN,SIVAGANGAI ROAD**
- City/Town **MADURAI**
- State/UT **TAMILNADU**
- Pin Code **625020**

2.Institutional status

- Affiliated / Constitution Colleges **AFFILIATED**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **ANNA UNIVERSITY, CHENNAI**
- Name of the IQAC Coordinator **Dr .C. SEELAMMAL**
- Phone No. **04522429346**
- Alternate phone No.
- Mobile **8012506088**
- IQAC e-mail address **iqac.scemdu@gmail.com**
- Alternate e-mail address **seelammal.scemdu@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://www.solamalaice.ac.in/AQAR_2022_23.html

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

http://www.solamalaice.ac.in/AQAR/AQAR23_24/1/1.1.2/1.1.2%20proof.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.21	2023	12/10/2023	11/10/2028

6.Date of Establishment of IQAC

13/02/2020

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
NIL	NIL	NIL	NIL	NIL

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

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)

Established Solamalai Foundation and Startup Incubation on 15th February 2024 to impart technical knowledge and hands- on training to the students and faculties in the field of auto cad design and development of various electronics subsystems and components.

IQAC's continuous monitoring and evaluation process enabled SCE to get accredited by the National Assessment and Accreditation Council (NAAC) with a CGPA of 3.21.

Internship/Implant policy and Industrial Visit Policy has been implemented by the IQAC for providing quality internships/implant training and for guiding the departments in selecting the companies for industrial visit.

IQAC has implemented on effective feedback mechanism from various stakeholders and monitoring the action taken report from quality related issues.

IQAC has implemented Proctor Card audit for the effective implementation of the mentoring system.

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
1. Planned to Establish Solamalai Foundation and Startup Incubation Centre	1. Established Solamalai Foundation and Startup Incubation Centre on 15 February 2024
2. Academic Regulation	2. Drafted and received approval from Academic Council for 2023 Regulation-UG and PG Programmes.
3. Enhanced Teaching Learning Flipped Learning	3. Introduced and successfully implemented in all subjects for 1 units
4. Organize refresher training programmes on OBE	4. Orientation and OBE awareness program for newly joined faculty was done.

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
GOVERNING COUNCIL	10/02/2024

14. Whether institutional data submitted to AISHE

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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
GOVERNING COUNCIL	10/02/2024

14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2023-24	18/01/2025

15. Multidisciplinary / interdisciplinary
<p>SCE is affiliated to Anna University, Chennai. Being an affiliated college, course structure and the contents (Course curriculum) are designed by the parent university. The University adopted the CBCS pattern from the year 2017-18 onwards. As per the CBCS pattern, the University offers several multi-disciplinary and inter-disciplinary courses under Professional Electives (PE), Open Electives (OE) and Employability Enhancement Courses (EEC). Multi-Disciplinary/Inter-Disciplinary Courses such as Professional Ethics in Engineering, Environmental science and Engineering, Principles of Management, Intellectual Property</p>

rights are included as the professional Elective courses in the curriculum. Open Elective courses include the courses from other branches which a student can choose from the list specified in the curriculum. Employability Enhancement Courses (EEC) include Project Work and/or Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training. SCE inculcates students with Multi-Disciplinary/Inter-Disciplinary skills through its various professional laboratories 1. E-Yantra Robotics Laboratory 2. Centre of Excellence 3. Knowledge Resource Centre etc., Students are encouraged to carry out their final year projects in multi-disciplinary and societal issues by utilizing the professional laboratories available in the institute. Institute also has a well-equipped language laboratory for enhancing the communication skill amongst the students. In addition to the curriculum, various clubs such as Eco and GDC Club, National Social services scheme, , Rotaract Club etc., are functioning in the institute that provides an opportunity in promoting multidisciplinary activities for students and faculty members through various events conducted. MoUs with various reputed industries/Organizations and the presence of various professional chapters such as Computer Society of India, The Indian welding society (IWS) and ICT academy provides holistic multidisciplinary education. Various seminars/workshops/symposiums are arranged regularly during every semester to promote multi-disciplinary/inter-disciplinary work culture in the institute. SCE is proactively working towards the implementation of the suggestions given in the NEP 2020. All the faculties and students are made to attend the various awareness programs on NEP by AICTE and the affiliated University. The NEP 2020 will be implemented based on the recommendations from the affiliated University. Institute also has Vision/Plan of attaining autonomous status in future for effective implementation of NEP 2020, Academic Bank of Credits (ABC) and multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education.

16.Academic bank of credits (ABC):

The ABC will be implemented based on the recommendations from the affiliated University.ABC will allow students of undergraduate and postgraduate degree courses to exit the course and enter within a stipulated period and was mandatory from the academic year 2021-2022. Being an affiliated college, the institution has less scope in taking initiatives to implement ABC system. However, the institution will follow the procedures prescribed by

the affiliating university. The teachers working our college are encouraged to offer their valuable suggestion in curriculum design and development. Besides this, the use of Google classroom to give lecture notes and assignments has further enhanced teaching and learning besides the regular chalk and board method or PowerPoint presentation. For assessment of the courses, faculties define the assessment tools and design the assignments, tests, quizzes for assessment of the students

17.Skill development:

The objective of SCE is not only to promote students to obtain degree but also to prepare students become global citizens with self-confidence, positive attitude and motivation to face any challenge in their lives. The Institute keenly engages itself with various promotional activities to help the students emerge as notable professionals of the society and world-class technocrats. As per the affiliating Anna University's CBCS pattern, Skill development courses are included into the curriculum from 2017 onwards. As per the CBCS pattern, the university offers several skill developments courses under Open Electives (OE) and Employability Enhancement Courses (EEC). Following professional laboratories / Centers has been established in the institute for providing vocational and certification courses for enhancing the student's technical skills and their employment opportunities. E-Yantra Robotics Laboratory Makers Space Knowledge Resource Centre Centre of Excellence Solamalai Foundation and startup Incubation Centre Also, various Vocational courses are conducted for students in the leading recent technologies where students need hand-on experiences. Various MOUs has been signed with reputed industries for providing internships/implant training during their semester vacation. As per the Anna University regulations 2017 and 2021, the institute offers courses related to Professional Ethics in Engineering and Human Rights to inculcate the various aspects of the human rights and the ethical standards that need to be followed in engineering practices. Our Institute celebrates all the national and international days to create awareness among the students about the importance of such occasion. The Institute organizes various events for faculty and students on the occasion of Constitution Day, Yoga Day, International Peace Day, Human Rights Day, world environment day etc., and also make them participate in awareness rallies such as Voters/election awareness, drug awareness, women's empowerment, road safety, food safety along with the institute's NSS and local administrative bodies. Institute has well-established Placement cell and it

conducts various personality development programs, aptitude training, communication skills training and other soft skills training. A well-equipped Language laboratory helps the students in improving their communication and listening skills. Weekly soft skills and aptitude training classes are integrated into the regular timetable. A vibrant Institution Innovation Council (IIC) functions in the institute and plays a vital role in organizing various skill development events such as ideation event, technical paper presentations, seminars, workshops, start-up activities for both students and faculty members. Guest lectures and workshops by Eminent speakers/experts from reputed industries and academic institution are arranged by IIC throughout the academic year. Entrepreneur Development Cell (EDC) conducts various activities related to the start-up and design and development of solutions for the societal needs. SCE is proactively working towards the implementation of the suggestions given in the NEP 2020. All the faculties and students are made to attend the various awareness programs on NEP by AICTE and the affiliated University. NEP 2020 will be effectively implemented based on the instructions and recommendations from the affiliated University.

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

With an aim to give impetus to local wisdom, culture and heritage, the affiliating Anna university has introduced courses in Tamil Culture and heritage for its Engineering students in its new regulation 2021. The courses, made mandatory by the varsity, would be taught in the first and second semester of the technical course. Two unique courses - Tamilar Marabu (Heritage of Tamils) and Tamils and Technology have been designed specifically for the purpose. The courses are designed with an aim to provide insight regarding the rich cultural heritage of the state. It would also focus on the engineering techniques that were practiced in Tamil Nadu's architectural marvels. These courses are taught in Tamil and the students have the option of writing the exams in either Tamil or English. The syllabus is taught in the English language. The Institute does not teach degree courses in local languages as it runs all the programs and professional courses that are approved by statutory bodies. However, considering the students of the first semester, the faculty do make use of vernacular Language along with the English language for ease in learning the concepts. The Institute conducts various cultural programs wherein various competitions like Poetry, Verses writing, Rangoli, Pottery, Painting/sculpting, Theater/ Skit,

Literature, and Food are held through the various clubs. As per the NEP2020, Universal human value (UHV) is taught to the students to make them a responsible and successful citizen in the society and to work for the welfare and the well-being of society at large. The students are counselled to develop professional competitiveness as well as ethics, human values, social responsibilities, and environmental consciousness. Students are also encouraged to participate in social activities and community services like Swachh Bharat Abhiyaan, village upliftment, etc. Institute celebrates traditional festivals such as Pongal, Deepavali etc., Through the efforts of various Clubs, competitions are being regularly conducted in the regional language viz Tamil and English on the contemporary topics on environment, energy conservation, festivals, great leaders etc., as well as topics on the cultural and ethnic values of India. The below-mentioned good practices are followed by the departments:

1. The online platform Google classrooms are implemented for all the courses where all the course materials are posted. This enables the students to understand the subject at a later time if he/she has missed the classroom lecture.
2. ICT enabled learning through PowerPoint presentation, e- content study materials.
3. Student-centric learning methods like Role play, problem solving, Z-A approach, group discussions, Quiz, mind mapping are used by the faculty to enhance the students learning experience in the classroom.

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

SCE has effectively implemented Outcome Based Education (OBE) across all the departments. The key aspects in OBE are the assessment and attainment of the course outcomes to the expected set level. Implementation of OBE requires the definition of Course Outcomes (CO's) for each course based on the Program Outcome (PO's) and Program Specific Outcomes (PSO's). Course is delivered as per the lesson plan and course outcomes are evaluated by means of various assessment tools - like internal assessment tests, assignments, various innovative assessment tools and university examination. The COs are assessed and evaluated for their set level of attainment at the end of each course for continuous improvements in course delivery. The process for attaining Program Outcomes and Program Specific Outcomes are based on direct assessment and indirect assessment.

Direct assessment

1. Continuous Internal assessment tests
2. Assignments based on Innovative teaching methods
3. End semester examinations.

Indirect assessment

1. Alumni Survey
2. Program exit Survey

Calculation of the program outcomes attainment is based on

80% of direct assessment and 20% weightage is given to indirect assessment. Apart from the Anna University Curriculum content, the students are imparted with necessary skills and knowledge in the topics that are identified as the curriculum gaps using the following delivery methods aimed at achieving POs and PSOs. 1. Lecture 2. Tutorial 3. NPTEL Videos 4. Additional laboratory experiments 5. Certification courses 6. Industrial visits 7. Guest lectures 8. Workshops/Seminars 9. Value added courses 10. Vocational Courses Google classrooms are created for all the subjects and by integrating Lecture Capturing System (LCS) into Google classroom, an interactive online lecture can be delivered similar to the classroom teaching. The lectures are recorded and posted in the Google classrooms so that students can view it whenever needed. Online Learning initiatives. Students are encouraged to undergo NPTEL and Coursera courses for enhancing their technical knowledge and their skill set. Our Institution is the SWAYAM local chapter for the NPTEL courses. Digital library in the institute subscribes to DELNET, NDL and NSDL portals to enable the students go through learning resources online. As a good practice of the institution has effectively implemented Mentoring System pertaining to the Outcome based education (OBE) in view of NEP 2020. Institute has an effective Mentoring System implemented in all the departments for guiding the fast learners and slow learners. Each faculty will be a mentor for ten students and help the students in solving their academic and other difficulties by counselling them periodically. Mentoring is the process usually face-to-face between the teacher and the students for the transformation of knowledge, social and the psychosocial support to work or develop professional career. Mentors encourage the students to participate in academic, research, co-curricular, extracurricular and social activities. Mentors take special interest to help the students at individual level for their holistic development in the growth of communication skills, personality development, leadership skills, soft skills, interpersonal skills etc.

20.Distance education/online education:

SCE has implemented online education using the online digital platform Google Classroom (GCR). Google classroom practice gives the exposure about the technological revolution. Online teaching and learning make students more responsible for their own education. ICT helps students get ready by letting them explore, assess, share, and present information in a fairly organized way. The online platform Google classrooms is implemented for all the courses. Course instructor is responsible for

creating/maintaining google classroom for the courses that they handle during a particular semester. Contents of the GCR are periodically Verified by the HoD's. Course plan, text books, reference books, lecture materials, question bank, Assignments, Innovative Teaching methodology, Video lectures, and lab manuals are periodically uploaded in their respective google classroom which can be accessed by students to induce students self-learning ability. The absentees can access the classroom materials from home itself on their own convenience. As various evaluation tools such as assignments and Quiz are integrated in the google classroom, faculty post their task assigned for the students in the google classroom and the students submit the completed tasks in the google classroom for evaluation by the faculty. SCE has ICT facilitated classrooms and seminar halls. ICT facility available in the Institution includes , projectors, computers, white screen and wi-fi hotspot access points for providing an effective implementation of online teaching learning process. ICT facility makes the teaching learning process effective through animations, power point presentations and video lectures. Hence it creates interest in learning among the students and breaks the monotony of conventional classroom teaching by using chalk and black board. All the faculty members of the Institution make use ICT enabled tools to improve the teaching learning process. Students are encouraged to undergo NPTEL Courses and Coursera courses for enhancing their technical knowledge and their skill set. Our Institution is the SWAYAM local chapter for the NPTEL courses. Digital Library Sufficient number of journals, magazines and articles are subscribed at library related to various engineering disciplines and can be easily accessed by students online. SCE's Digital library provides facility to access E-resources DELNET, NSDL and NDL via internet facility to access various e-resources like journals, e-books, videos, databases, magazines and conference proceedings. Final year students project reports are available in digital form as compact discs (CD) in the digital library

Extended Profile

1.Programme

1.1 405

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

File Description	Documents
Data Template	View File

2.Student

2.1 682

Number of students during the year

File Description	Documents
Data Template	View File

2.2 211

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

File Description	Documents
Data Template	View File

2.3 194

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 72

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 72

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	405
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	682
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	211
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	194
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	72
File Description	Documents
Data Template	View File

3.2	72
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	39
Total number of Classrooms and Seminar halls	
4.2	478.9
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	241
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

SCE is approved by AICTE and affiliated to Anna University. We impart quality technical education to the rural students following the curriculum and syllabus prescribed by Anna University. Every academic year, institute academic calendar is prepared based on the Anna University schedule. The institution convenes academic council meeting in the month of June/November to discuss the gaps in curriculum and the academic activities that are planned to be conducted. Initiatives like value added courses and Add-on courses are planned in every semester to bridge the curriculum gaps. All the departments prepare their action plans based on the direction of the academic council and the department academic calendar based on the institute's academic calendar is finalized. Subject allocation is done by the HoD based on the skill matrix and parameters like experience, performance and preference of the faculty. The faculty prepares Lesson plan, Course Objectives/Outcomes, CO-PO mapping, study materials etc., The faculty members are permitted to use various

innovative teaching methodologies to make teaching learning process effective. The institution provides all necessary infrastructural facilities such as ICT tools, Lecture capturing systems, Language lab, Educational Software, text books, reference books, e-books, magazines and journals/e-journals etc.,

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.solamalaice.ac.in/AOAR/AOAR2324/1/1.1.1/1.1.1FrontPage.pdf

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

The academic calendar is prepared in line with the university schedule and displayed on the college website after the approval of the academic council. The opening and closing dates of the classes of each semester, list of holidays, co-curricular activities and internal assessment examination schedules for theory courses and model practical examination for laboratory courses are specified in the academic calendar. The time table is prepared by the time table in charges of various departments based on the subjects allocated to the faculty. Lesson plan for the allocated subjects is prepared by the faculty members based on the department academic calendar. The faculty prepares the course file including all necessary documents such as Lecturer notes, question bank, etc and also E-content as per subject allocation. The HODs monitor the day - today conduct of the theory and laboratory courses and the syllabus coverage based on the lesson plan and time table. The institution strictly adheres to the academic calendar for conduct of continuous internal assessment examinations. Students are well informed about the time table for the conduct of internal assessment examinations. They are also informed about the schedule for entry of marks in the web portal of the Anna University.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.solamalaice.ac.in/AQAR/AQAR23_24/1/1.1.2/1.1.2%20-%20Front%20Page.pdf

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

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	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

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)	
12	
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	
583	
1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year	
583	
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	
<p>Our Institute integrates the Cross Cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics for development of students. 1. Women Empowerment Cell All the women faculties are members. We conduct International Women's Day, International Yoga Day etc to bring awareness and motivation to the Girl students. The problems related to women students like sexual harassment, eve teasing handled through Women Grievances Committee 2. Environment and Sustainability All programs have a compulsory course of Environmental Science and Engineering in the curriculum. Students</p>	

study basic components of environment and its application to tackle issues such as pollution control, green gases etc. The following programmes are organized through NSS Unit, Plastic free campus awareness program, Clean India Programme and Tree Plantation.

3. Human Rights In order to integrate human rights into curriculum Anna University offers Human Rights course as an elective and the same is taught for our students. Committees like SC/ST, Anti- Ragging committee deals issues regarding any ragging related misconduct.

4. Professional Ethics All programs have the course of "Professional Ethics in Engineering". It governs the behavior of a person or group in their profession. We educate and motivate the students to follow the key ethical principles.

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

78

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
674	
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	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	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://www.solamalaice.ac.in/feedbacktesting.html
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	

2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of sanctioned seats during the year	
426	
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	
211	
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	
<p>The programmes and strategies adopted by our institution satisfy the needs of the students from diversified backgrounds and from different locales. After admission, the students are evaluated based on their HSC marks and performances in Internal assessment examinations. A student securing less than 60% is categorized as a slow learner, otherwise he/she is categorized as an advanced learner. Methodologies to encourage Advanced Learners : Advanced learners are encouraged to undergo NPTEL/Certification courses to enrich their technical knowledge. They are provided with foreign language training, mock interviews, soft skill training for improving their confidence level, job opportunities and career prospects abroad. They are motivated to undertake research projects and participate in symposia, seminars, workshops and conferences organized by reputed organizations/institutions. Methodologies to improve the performance of slow learners : Slow learners are encouraged and counselled for improving their performance in academics.</p>	

Simplified study materials, coaching classes after class hours and improvement tests are conducted to improve their academic performance in internal assessment examinations. Tutorial classes for problematic courses are conducted to improve the problem-solving ability of the slow learners. It also promotes peer learning among the students.

File Description	Documents
Link for additional Information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.2.1/2.2.1%20Index.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
682	72

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

SCE has adopted different learning methodologies such as experiential learning, participative learning and problem solving to create interest in learning process among the students. Experiential Learning Industrial visits, field visits and hands-on trainings by industrial experts are arranged for the students to make them conversant with the recent technology trends followed in the industries and to prepare them as industry-ready engineers. Vocational/certification courses and value-added courses are also conducted for the students to enhance their technical skills and employment opportunities. Students are encouraged to undergo internships/in-plant trainings for obtaining industrial experience. With a variety of laboratory courses, the students get a better understanding of the theoretical concepts taught in class. Participative Learning Students are encouraged to learn through reciprocal teaching, participation in group discussions, seminars, role plays and NPTEL courses for a better understanding of

concepts/technologies. They are encouraged to participate in symposiums, intra/intercollegiate events, seminars, guest lectures and contests to bring out the potential of the students. Problem Solving Methodologies The mini and major project courses enable the students to identify problems and use research-based knowledge to arrive at optimum solutions. In case of problem-oriented subjects, tutorial classes are conducted where students improve their problem-solving abilities.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.solamalaice.ac.in/AOAR/AOAR23_24/2/2.3.1/2.3.1%20.First%20Page.pdf

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

SCE has ICT facilitated classrooms and seminar halls. ICT facility available in the Institution includes lecture capturing systems, projectors, computers, white screen and wi-fi hotspot access points. Our Institution has computers with LAN/wi-fi facility to access the internet and smart televisions at prominent locations to display the latest information needed for the students. Our Institution also provides intranet facility to access various knowledge resources like J-Gate, NPTEL, swayam, coursera etc. Faculty and students enroll themselves in NPTEL, swayam and coursera courses for deeper understanding of courses. They also make use of resources like J-GATE in the central library. In addition, our institution has collaborated with google to provide access to google classroom and storage facilities. ICT facility makes the teaching learning process effective through animations, power point presentations and video lectures. Hence it creates interest in learning among the students and breaks the monotony of conventional classroom teaching by using chalk and black board. Lecture capturing systems are particularly useful for handling problematic courses as the step by step procedure for solving problems can be recorded and shared to the students. All the faculty members of the Institution make use of ICT enabled tools to improve the teaching learning process.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2.3.2/2.3.2%20-ICT%20Enabled%20-Supporting%20File.pdf

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

72

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

72

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

11

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

358

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.

Internal assessment tests are conducted by the institute's examcell as per the academic calendar. The time tables, seating arrangements for internal tests are informed through circulars and displayed in notice boards well in advance. Internal squad comprising of senior faculty members ensure the smooth conduct of the examinations. Once the examinations are conducted, the answer scripts of students are evaluated by concerned course instructor and distributed to the students. Answers to all the questions given in the examinations are discussed with students during the distribution of answer scripts. The system is made transparent by providing the scheme of evaluation and answer key to the students so that they verify the marks awarded and understand the mistakes committed by them in the examination. Grievances in the evaluation process reported by the students are addressed and modifications of marks are carried out, if necessary. Answer scripts are verified by the

HoD to ensure that there is no discrepancy in the evaluation. The internal test marks of the students are disseminated in the notice board to ensure transparency. The internal assessment and end semester examination marks are communicated to the parents through post .

File Description	Documents
Any additional information	View File
Link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.5.1/2.5.1%20index.pdf

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

Every grievance at Institution level is addressed instantly by the concerned authorities. Students express their grievances related to the internal assessment examination process to the HoD or the class committee which is convened at regular intervals. The HoD/Principal takes appropriate actions to solve the grievances of the students as early as possible. Internal assessment question paper is checked by the concerned faculty on the day of examination and if any discrepancies are found, they are rectified and communicated to the students immediately. During internal examinations, visits to examination halls are made by the examination cell coordinator and by internal squad members to monitor the students during the examinations. The end semester examinations are conducted according to the rules and regulations of the Anna University. The grievances if any, related to the end semester examinations are reported by the Principal to the controller of examinations of the Anna University. The grievances of the students related to the evaluation in the end semester examination are addressed by applying for reevaluation. If the student is not satisfied with the reevaluation results published by the Anna University, he/she can apply for review/challenge evaluation by paying the prescribed fees.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.5.2/2.5.2index.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Our institute is affiliated to Anna University, Chennai and gives guidelines to frame course outcomes for each course. Program specified outcomes (PSOs) are developed by the department head and senior faculty members and are carefully defined and published by the accreditation authority, which is globally acknowledged by all professional colleges. After brainstorming sessions with the subject-matter, faculty members aligning with the course content unit-wise and Blooms Taxonomy, the department heads and a team of senior faculty members frame COs. We practice outcome-based education at our institution. The institution that is linked with the university adheres to the curriculum and learning objectives set forth by the university. A soft copy of each program's curriculum and learning outcomes is uploaded on the institution's website locations where the Vision, Mission is disseminated:

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.6.1/2.6.1%20Index.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

Assessment gives essential information about the learning and the extent of teaching goals met. Attainment of COs and POs indicate the successful delivery of the course content. Attainment of COs is assessed by considering 1) 20% of Internal Assessments Marks and 2) 80% of end semester university examination marks/Grades. The internal assessment mark for the theory courses is the average of marks scored in internal tests, assignments and assessments pertaining to innovative teaching learning methods. For laboratory courses, average mark of records and one model practical examination is considered. The internal examination marks for project work are evaluated by conducting three project reviews. Grade points are given by the Anna

university in the end semester examinations based on the students' performance. Average attainment for all POs and PSOs for all the courses in a program is calculated by mapping COs with POs and PSOs. Attainment of CO, POs and PSOs are assessed by considering: Direct Attainment 1. Internal Assessments Mark 2. End Semester Marks/Grades Indirect Attainment 1. Students Exit Survey 2. Alumni Survey Final COs, POs and PSOs attainment is calculated by considering 80% of direct and 20% of indirect attainment levels.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.6.2/2.6.2%20Index.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

122

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	https://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.6.3/2.6.3index.pdf

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://www.solamalaice.ac.in/AQAR/AQAR23_24/2/2.7.1/2.7.1%20INDEX.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)**

431000

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 departments having Research projects funded by government and non government agencies during the year**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.solamalaice.ac.in/AQAR/AQAR23_24/3/3.1.2/3.1.2-SUPPORT.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

15

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

28

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

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

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

74

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Solamalai College of Engineering (SCE) is actively involved in holistic extension activities, involving students and clubs

likeNSS, RRC, Rotaract, YRC, and Unnat Bharath Abhiyan (UBA) to foster social and holistic development. Our institution NSS unit has conducted health camps, drug awareness programs, blood donation camps, AIDS awareness programs, and tree plantation to raise awareness about human society's wellness. Many of them volunteered themselves and helped the needy people directly and indirectly. To reduce the carbon footprint and protect the environment, our institution has organized tree plantation camps in Ilamanur village and created awareness about the greenhouse effect. Our institution celebrated National Environmental Day in our college campus. YRC has organized awareness programs related to Yoga - Away of life on international Yoga Day, emphasizing the importance of physical and mental wellness. As part of the Unnat Bharat Abhiyan (UBA) scheme, five villages namely Ilamanur, Andarkottaram, Thamarai patti, Melamadai and othakadai were adopted, and survey, tree plantation, and medical camps were held for the benefit of the villagers. We have also conducted a blood donation camp and free eye check camp other than the adopted villages. Our institution completely believes in neighborhood community development as the top most prioritized domain.

File Description	Documents
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/3/3.3.1/3.3.1%20template.pdf
Upload any additional information	View File

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

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

2

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

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

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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

242

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

30

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

Response: Situated across 9.64 acres, our expansive grounds create an ideal environment for enriching teaching and learning experiences. The institute boasts robust infrastructure and physical facilities, ensuring a comprehensive platform for both academic and extracurricular pursuits. Academic Facilities With 39 well-equipped classrooms, 2 seminar halls, 2 drawing halls, auditorium with accommodation of 550 individuals and a total of 31 state-of-the-art laboratories facilitate experiential learning, allowing students hands-on experience with cutting-edge technologies.. Our institution provides ample space for effective teaching and learning process. The internet speed of 100 mbps is accessible to 241 desktop computers through LAN. The

College houses the Eyantra Robotics Lab endorsed by MHRD and IIT Bombay, fostering project-based learning opportunities for students. KRC and CoE are hub for student projects and resources. Additional Facilities We offer excellent hostel facilities for both genders, conveniently located in close proximity to classroom. A well-equipped fitness center featuring a 16-station gym. To facilitate commuting for students from Madurai and surrounding areas the college operates 8 buses. Auditorium is utilized for various cultural, yoga, and technical events, providing a versatile venue for diverse activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.solamalaice.ac.in/AOAR/AOAR23_24/4/4.1.1/4.1.1.pdf

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

Our institution boasts a spacious auditorium spanning 5267 sq. feet, accommodating 550 individuals. In the realm of cultural activities, the institution provides state-of-the-art infrastructure to nurture artistic talents. Spacious auditorium equipped with modern sound and lighting systems serve as platforms for various cultural events, fostering creativity and expression. For sports enthusiasts, both indoor and outdoor facilities are abundant, allowing students to engage in a variety of games and physical activities. Well-maintained playing fields, courts, and arenas provide the perfect setting for sports ranging from volleyball 18 m length & 9m width, cricket Pitch 20.12 length and football 100-110m length, 64-75m width. Indoor spaces are equally equipped to accommodate activities like badminton, and chess, promoting a holistic approach to physical well-being. A fully-equipped gymnasium with 16 stations caters to fitness enthusiasts, offering modern exercise equipment and personalized training programs. The institution features 8 clubs for extracurricular activities, yoga halls, and an auditorium for various events, including Annual Day, Graduation Day, and technical and cultural events. Additionally, Science Expo and Innovation Expo are conducted for school students' to enhance their knowledge.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/4/4.1.2/4.1.2%20index.pdf

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

9

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

9

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/4/4.1.3/4.1.3index.pdf
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)

23.56

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)

The institution's library, covering an area of 400 sq.m, hosts a comprehensive assortment of engineering books, journals, periodicals, and magazines. Furthermore, a reading room, which can accommodate 60 individuals, is furnished with 6 systems featuring a high-speed internet connection of 100Mbps. Remote access is provided for students and faculty members to avail themselves of EResources like the NDLI library, NPTEL videos, E-Shodh Sindhu, and Shodhganga. It is advisable to acquire the J-Gate Online Database during the current academic period, offering significant benefits, especially in the field of engineering. The key objective of library automation is to offer a quality service to the readers and to establish an efficient book storage system. Our institution library is fully automated by INSPROPLUS ERP 6.9. implemented in the year 2020. This fully automated system includes modules for E-Gate, OPAC (Online Public Access Catalog), Circulation, Acquisition Control, No Due Report, Transactions Reports, Cataloguing, and Reservation Control. Our institution central library has various institutional memberships for e-resources and e-journals (3528 journals), e-books (1907), NDLI, JGate and ICT academy membership. The resourceful library supports scholarly networks, academic identities, and the teaching learning process through its comprehensive offerings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/4/4.2.1/4.2.1Front.pdf

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

0.805

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

161

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

Our institution is committed to consistently updating its IT facilities, providing both wired and wireless network connectivity, cutting-edge computer laboratories, and uninterrupted 24/7 internet access. Historically, up to 2017, we invested in 170 desktop systems, along with peripherals like

mice and RAM, to maintain our computer laboratories. Subsequently, in the period 2018-20, 43 advanced desktop systems, featuring i5 and i7 processors, 1TB hard disks, and 8 GB RAM, were acquired to upgrade specific labs. This upgraded lab caters to Mobile application, Internet programming, and Project work in 2020, additional investments were made in a server and firewall to enhance security complemented by the installation of CCTV cameras. Various security measures, including servers, firewalls, VoIP security, VLANs, content filtering, packet filtering, URL blocking, anti-spam, anti-virus, intrusion detection, and prevention, have been implemented. Since 2020, the Wifi bandwidth has been increased from 50 Mbps to 100 Mbps to optimize administrative and academic activities. The internet is accessible to 241 desktop computers through LAN.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/4/4.3.1/4.3.1.frontdocx.pdf

4.3.2 - Number of Computers

241

File Description	Documents
Upload any additional information	View File
Student – computer ratio	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)**

455.34

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.

To maintain the campus, multi-skilled maintenance serviceemployees are recruited for both proactive and reactiveoperational requirements. Proper condition of building likelighting, plumbing, electrical, carpentry, gardening, minorrepairs, alterations of classrooms, lab, office, etc arevigilantly noticed. Gardener along with sweepers takes the responsibilities of monitoring the health of all plants and greenscapes, watering and feeding plants, trimming trees and shrubs,fertilizing and mowing lawns, weeding gardens and keeping greenspaces and walkways to maintain the infrastructure. Proper operation and maintenance of rain water harvesting systems andconservation panels are regular inspected by cleaning ofcatchment, gutters, filters and tanks reduce the likelihood ofcontamination. Classrooms and labs are equipped with the latestequipment according to the academic needs and rules.Audit isconducted for to identify the demand of new equipment Regularmaintenance of lab equipment, service and repair are done by thelab assistants/technicians. The library maintains a systematiccataloging system, facilitating easy access to a wealth of books,journals, and research materials. The sports complex, includingplaying fields and indoor arenas, is managed with precision to accommodate various sporting events and activities. . First aidkits are always available in any emergency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/4/4.4.2/4.4.2.pdf

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

444

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

409

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://www.solamalaice.ac.in/capacity.html
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

891

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

891

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

A. All of the above

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

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

168

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

3

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

1

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

11

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)

The management of Solamalai College of Engineering is highly committed to enhancing our students' experiences in academic, cocurricular, and extracurricular realms. The institution establishes a robust platform that encourages students to actively engage in diverse academic and administrative spheres. This initiative aims to empower students by fostering leadership qualities, instilling an understanding of rules and regulations, and honing execution skills. Internal Quality Assurance Cell: The Institution is committed to attaining excellence in both academic and administrative domains through a continuous focus on quality improvement. Anti-Ragging Committee: In accordance with the Anti-Ragging Act of 1997, the committee disseminates information about the consequences of ragging by displaying posters at various locations within the college, including notice boards in each academic block. Internal Compliance Committee: The Internal Compliance Committee comprises a couple of female students and several female staff members. National Service Scheme: The institute has established the NSS to raise awareness among students regarding societal issues and community service. Students Clubs: The student clubs at SCE offer abundant opportunities for student leadership and involvement that extend beyond the traditional classroom setting and academic programs.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AQAR/AQAR23_24/5/5.3.2/5.3.2%20-%20Front.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

28

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

The Institution has registered Alumni Association. The alumniassociation was registered in March 2023 with register no.SRG/Madurai North / 24 / 2023 dated 06.03.2023.Alumni Associationis one of the strongest assets of an institution. It is anassociation of graduates or former students (Alumni). It is formedto facilitate and encourage alumni to contribute to theinstitute's efforts for achieving excellence in academics andresearch through allocating / raising funds and/or sharingknowledge & expertise of its members in areas pertaining toacademics, infrastructure, industry interactions and any otherarea that the alumni and the institute feel appropriate and tooffer expertise, effort and/ or financialresources to benefitall. Alumni bring laurels to their juniors in many ways throughthe Solamalai College of Engineering Alumni Association lead byour Alumnus. Alumni Association is effectively functioning from2016 onwards in the institute to build strong bonding with thealumni for the growth and development of the institution. Thealumni meet was conducted once in a year. The following are the activities carried out with the help of Alumni, Mentorship Curriculum Enrichment Alumni Interaction Programmes Industry Connect Recruiter Entrepreneur Research and consultancy

File Description	Documents
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/5/5.4.1/5.4.1%20Front.pdf
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

Vision:

To be a premier institute for higher education, nurturing youth and other stakeholders as global, socially responsible citizens through academic, technical & innovative excellence and inclusivity.

Mission:

To create an ecosystem of academic, research & innovation and skilled learning.

To mentor and facilitate inclusive learners to acquire academic excellence and application.

To encourage a mindset of inquiry towards critical thinking and creativity.

To Upskill and encourage transformation of learners as lifelong learners and responsible change makers.

To promote the above through social immersion, community engagement, technical upgradation and industry - institute interaction.

The Nature of Governance:

The institute has a decentralized decision-making framework that is focused on building a strong academic foundation through a methodical and participatory teaching-learning process. The Governing Council meets to discuss all major decisions and strategies pertaining to academic and non-academic activities and assignments. The Institute is on its way to victory, guided by a well-constructed Governing Council that includes individuals from both academic and non-academic backgrounds. The Principal is the institute's chief authority, for carrying out the Governing Council's decisions

File Description	Documents
Paste link for additional information	https://www.solamalaice.ac.in/AQAR/AQAR23_24/6/6.1.1/6.1.1%20INNER%20new.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 chairman and Executive Directors of the institute have power in the institute's organization structure, allowing them to make any policy-related decisions. The principal is entirely responsible for the institute's academic and administration. HODs have decision-making authority over their departments. The institution's administrative officer oversees day-to-day operations, including purchasing and maintaining equipment, allocating funds according to the year's budget, and submitting appropriate documentation to the auditing committee, among other things. To Ensure Academic Administration, the HoD's Tasks and Responsibilities are listed below: Ensuring that policy decisions are implemented. Monitoring the department's day-to-day activities. Preparing budgets in accordance with the department's road map. Allocating subjects based on domain knowledge by obtaining faculty members' consent. Ensuring that the institute's performance appraisal mechanism is in place. At the end of each semester, the institution collects feedback from students and holds Parent's meetings to better understand the expectations of both students and parents. Students can post their comments and criticisms in a suggestion box located in front of the principal's office.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AOAR/AOAR2324/6/6.1.2/6.1.2%20INNER%20new.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Effective strategic planning requires identification and implementation of strategies that will facilitate SCE to achieve academic excellence at national level. In the preparation of the Perspective/Strategic Plans, Internal Quality Assurance Cell (IQAC) of the college has taken initiatives to obtain inputs from all the stakeholders. Establishment of Centre of Excellence in "Cloud Computing, Digital Manufacturing, Consumer product sales & BMW skill Initiative" was among the strategic plan of the institute and it was established on 14.03.2022. SCE- Centre of Excellence in "Digital Manufacturing Laboratory" aims to bridge the gap between the industry and academia, bringing real world engineering concepts to life. SCE-KRC will inspire and motivate students to develop their own innovative ideas and pursue their dreams with confidence and conviction SCE-e-Yantra Robotics Laboratory was virtually inaugurated at Solamalai College of Engineering on 11.10.2018 in VOC block. The goal is for students to solve real problems, to do startups and be inspired to pursue higher level R&D skills.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.solamalaice.ac.in/AOAR/AOAR2324/6/6.2.1/6.2.1INDEX.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.

Solamalai College of Engineering has been established in 1995. It has a Governing body to monitor and achieving the vision and

mission of the institution. It has an effective organizational structure which monitors and improves the institution. At institutional level, the principal is the final authority who reports to the President of the Management. Being the head of the Institution, the Principal is responsible for all the academic and administrative activities of the Institution. The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. IQAC acts as a link between the institution and head of the institution/ Governing body, responsible for implementation of quality education, research, through effective assessment of students. IQAC recommends the principal/ faculty members to purchase quality / standard books, equipment etc..

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AQAR/AQAR23_24/6/6.2.1/6.2.1INDEX.pdf
Link to Organogram of the Institution webpage	http://www.solamalaice.ac.in/AQAR/AQAR23_24/6/6.2.1/6.2.1INDEX.pdf
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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	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

The institute offers statutory and non-statutory welfare benefits to both teaching and non-teaching employees. Some of the welfare services are also enjoyed by students. Statutory benefits provided to all the employees. PF contributions by the Employee and an equal contribution by the Employer. CL, Medical leave and maternity leave. Group Insurance. Non Statutory Benefits to Teaching Staff: The institute helps fund assistance & attendance for teaching staffs who attended conferences, seminars, and workshops hosted by other institutions and professional organizations. Permissions, special permissions, and summer and winter holidays are offered to teaching faculty members. Faculty members who use college bus transportation services receive a 100% discount. All faculties have access to a separate system with internet access to further their education. The wards of teaching faculty members are eligible for tuition discounts when pursuing an Engineering or MBA degree at our institution. Free food is provided for faculty members staying in the hostel. During annual day, management recognizes and honors faculty members who achieve 100 percent results every semester.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AQAR/AQAR2324/6/6.2.1/6.2.1INDEX.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

32

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

14

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

56

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

Institutions Performance Appraisal System for teaching and nonteaching staff Yearly, the performance of teaching and non-teaching staff members is evaluated through a performance appraisal system. The institute has a well-organized method for evaluating employee performance. The Chief advisor and Executive Director is the last arbiter of the teaching and non-teaching staff's performance. The performance appraisal method is used to determine promotions, awards, and appreciation for all employees. Parameters of Performance Appraisal - Teaching Staff:

- 1.No. of subjects handled, students feedback and university results.
- 2.Participation in seminars, conferences, workshops and FDPs.
- 3.Organizing seminars, conferences, workshops and FDPs.
- 4.Papers presented in conferences.
- 5.Papers published in national and international journals.
- 6.Books published by faculty members.
- 7.Attending SWAYAM/NPTEL & Coursera Courses.
- 8.Additional responsibilities held by the faculty members.
- 9.Proposals submitted to funding agencies.
- 10.Value added programs conducted during the academic year.
- 11.Rating by HODs, Principal and Management.

Parameters of Performance Appraisal - Non-Teaching Staff Non-teaching staff employees are given honor and recognitions based on their performance, technical skill, lab and record management, timeliness, absenteeism, participation in college yearly events, and so on.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AOAR/AOAR22_23/6/6.3.5/Index%206.3.5%20.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

Internal Audit: Collection of tuition fees, salary distribution, tax payment, loan distribution, purchase orders for all necessary materials, and maintenance are all handled by the finance department, which is led by the administrative officer (Finance). The institution is quite conscientious about keeping accurate records. The administrative officer additionally double-checks budget use records on a regular basis. **External Audit:** The management team appoints the external auditor. He comes to our office on a regular basis to audit our books of finances. The audit report is provided to Management for review by the auditor when the audit is completed. Every year in March, an external audit is performed. There is no adverse remark on the institution's finances as of the date of the previous external audit. Every year, the organization files its income tax returns well in advance of the deadline.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AOAR/AOAR23_24/6/6.3.2/audid_stm.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)

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Mobilization: 1. Student Fees, Anna University, Government and Non-Government Agencies. 2. Arunramkumar Educational Trust. 3. Interest on Corpus Fund. 4. Additional funding sanctioned from various funding agencies such as AICTE, etc., for research and seminar proposals submitted by various departments. 5. Funds received from the industries for consultancy work. **Budget Planning:** Heads of the departments would submit the budget requirements to the Principal, at the beginning of every financial year. Budget committee analyzes the requirement of each department and prepares a Consolidated Budget and forwards it to the Management through the Principal for approval. The Management allocates the funds under various heads such as upgradation of library resources, computers, network facility, sports facilities, publication incentives, salary, placement, campus maintenance, extensionactivities, etc. based on the need. **Utilization:** During the commencement of every Academic Year, the budget is prepared by the Department Budget In charge by considering various expenses heads well in advance. Some of the key highlighting heads considered while preparing budget are Repair Maintenance of Consumables, Parents Meeting, Programme Participation by Teaching and Non-Teaching Community, Faculty Development Programme, Professional Bodies, Travelling Expenses etc.,

File Description	Documents
Paste link for additional information	http://www.solamalaise.ac.in/AQAR/AQAR23_24/6/6.3.2/auid_stm.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

The IQAC department was established at the institution to promote common transparent incremental development and constant improvement across all departments, and it is adopting a number of steps to construct various quality assurance measures.

Orientation Programme for Students: Introducing students to college life Integrating them into the institute atmosphere Allowing students to network with faculty members, senior students, alumni students, and their classmates Creating a career path and defining goals Recognizing the internal and external environments and pursuing success Recognizing students' strengths and capabilities, as well as scheduling academic and non-academic activities to match their needs. Faculty IGNITE Programme: The Faculty Ignite programme gives a forum for faculty to present new ideas, new instructional pedagogies, create interest, and push faculty for action that is particular to faculty needs. Faculty igniters are held at the College level on every Thursday last week of the month to share new ideas on the subject and enhance teaching methods. Every faculty should deliver a presentation and discuss the details of the programme they attended earlier.

File Description	Documents
Paste link for additional information	http://www.solamalai.ac.in/AQAR/AQAR23-24/6/6.5.1/6.5.1-23-24.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

The institution follows the academic calendar which is released by the Affiliating University. The same calendar will be published in the prospectus and website of college before the beginning of every academic programme. The faculty members follow a lesson plan which consist the details regarding institutional objectives to be achieved, details of contents to be covered, the types of teaching aids and the logistics to be used inside the class room. Review of Academic process calendar - Once in Semester Review on Curriculum Planning - Once in Semester Review on Teaching - Learning - Once in Semester Review

on Syllabus Completion Monitoring - Thrice in semester Review on Teaching Feed Back from students - Twice in semester Review on Quality of Projects/Product Development - Once in Year Organization level Review on attainment of Cos - Once in semester Review on attainment of POs and PSOs - Once in Year Review on ICT/ Laboratory facilities - Thrice in semester Review on finance audit - Once in year.

File Description	Documents
Paste link for additional information	http://www.solamalaice.ac.in/AQAR/AQAR23_24/6/6.5.2/6.5.2_new-23-24.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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.solamalaice.ac.in/AQAR/AQAR23_24/6/6.5.3/6.5.3inner%20-2023_2024_new.pdf
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

The institution actively promotes gender equity by guaranteeing that both students and faculty members can engage without discrimination. Surveillance System and Fire Extinguisher: A sophisticated monitoring system with high-resolution cameras has been installed to monitor and prohibit the entry of undesirable elements. Additionally, the institution has fire extinguishers strategically placed to control fires in emergency scenarios. Counselling and Mentoring-The mentor-Mentee system fosters effective professional and inter-professional interactions that help Mentee learn. This holistic strategy seeks to solve any obstacles that students may have while also motivating them to focus on their studies. Female faculty members are treated equally in administration, requirements, committee, and club roles at the university. The department is headed by a female faculty member. Hostel, Mess, and Canteen-Female students have access to separate dorm amenities for their convenience and protection. Mess and cafeteria services are well managed to ensure that students have access to high-quality meals. Every year, the college commemorates Women's Day on March 8th to acknowledge female faculty and students for their accomplishments.

File Description	Documents
Annual gender sensitization action plan	http://www.solamalaice.ac.in/AQAR/AQAR23_24/7/7.1.1/First.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.solamalaice.ac.in/AQAR/AQAR23_24/7/7.1.1/Second.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

In this institution, paperless administration has been formed, and online documentation is used in an effective manner, with one-sided sheets used for printing documents. Plastic and radioactive trash are strictly prohibited on the site.

The paper garbage was gathered from a variety of locations throughout the college. Paper waste is delivered to numerous paper recycling organizations for recycling. In the college dormitories and canteen, LPG cylinders are utilised for cooking. Food waste from our canteen and mess is used to bio-gas the plant. A vermicompost facility has been constructed at this institution to digest waste leaves and other components. Electronic waste components such as computer system components, CPUs, ICs, IT & Telecommunications, photocopier, printer, fax, land UPS, inverter, battery, stabilizer, electrical panel, motor, fittings & misc., electronic appliances, LCD, LED, washing machine, AC, refrigerator, CFL tube light, toner/cartridge, dry cell. Collected E-waste has supplied to A-to-Z Scrap Pvt Ltd to sell and recycle e-waste. Outdated computers and batteries are given to nearest polytechnic college.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.solamalaice.ac.in/AOAR/AOAR2324/7/7.1.3/7.1.3%20Second%20Page.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge

A. Any 4 or all of the above

Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	
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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
<ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	

File Description	Documents
Geo tagged photos / videos of the facilities	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
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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).

The Young Indian Club, the GDG Club, the ECO Club, the Literary Club, and the Cultural Club. Mentor-mentee matching arranges each student's overall growth and performance such that no one is left behind. The approach takes into account each student's

unique needs and requirements for both. to inspire students to plant trees and adopt a waste-free lifestyle in order to maintain a clean and green environment. The motivational programs are organized for nearest schools and polytechnic college students. The program's educational goals are to equip students with the skills necessary for successful careers in engineering that will satisfy the demands of both domestic and international businesses. The goal of this program, which combines life skills development with blood donation, is to inspire the next generation to give blood to those in need. kids and members of our NSS team are interested in educating nearby school kids about social responsibility programs. The following holidays are observed by our institution: Vinayagar Chadhurthi, Ayudha Pooja, Teachers' Day, Engineers Day, Pongal Day Celebration, Republic Day, Women's Day Celebration, and International Yoga Day. These holidays are based on regional, linguistic, and communal socioeconomic independence and help to develop students teachers relationship.

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

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

The goal of this program, which combines life skills development with blood donation, is to inspire the next generation to give blood to those in need. kids and members of our NSS team are interested in educating nearby school kids about social responsibility programs. Ethical values are taught to the students through framed curriculum of Anna University syllabus. The following holidays are observed by our institution: Vinayagar Chadhurthi, Ayudha Pooja, Teachers' Day, Engineers Day, Pongal Day Celebration, Republic Day, Women's Day Celebration, and International Yoga Day. These holidays are based on regional, linguistic, and communal socioeconomic independence. national identities Republic Day and Independence Day were observed at our campus to honor democratic values, draw attention to the fight for freedom, and underscore the significance of the Indian Constitution. Every year on September 5, India celebrates Teacher's Day to honor the role that

educators play in shaping the future leaders of their country, the students. Undergraduate students take a professional ethics course as part of their curriculum with the aim of familiarizing themselves with professional ethics in order to instill moral and social values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	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

Students from our institution work toward a cleaner, more prosperous India. They have united to enhance national and cultural society. The life stories of notable Indian figures are presented to young people via programming. Since most holidays

are more or less religious in nature, we celebrate them primarily as a way of honoring our respective religions. Students will gain a solid understanding of the culture, traits, and goal of celebrations in front of their peers and professors thanks to these celebrations. Republic Day is observed on January 26 to commemorate the day the Indian constitution went into force. The national flag is flown at the college grounds on this day each year to mark the occasion. Every year on March 8th, Women's Day is observed to honor the cultural, political, and socioeconomic accomplishments of women; on June 21st, International Yoga Day is observed to raise awareness of the health and spiritual benefits of yoga; and on August 15th, Independence Day is observed to honor the nation's independence, with the national flag being raised on college grounds

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

7.2 - Best Practices

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

BEST PRACTICE: 1

IGNITE PROGRAM- Sharing of Knowledge and Continuous Learning

Objective:

The goal of IGNITE program is to update and create knowledge from both students and faculties. Knowledge sharing is the process of transferring information from one person to another. Practice: The mission is to create a positive and enabling learning environment to pursue academic excellence and build lifelong learners well prepared to meet new challenges. Success of Evidence: Students gets the knowledge on Business Module and Products Development

BEST PRACTICE: 2

SOLAMALAI BAZAAR - To enhance the entrepreneurial skill**Objective:**

It encompasses a set of skills that includes creativity, leadership, taking risks, persistence, hard work, motivation and teamwork. Which leads to the creation and management of a new product or activity or stall designed to pursue a unique and innovative opportunity. Practice: It involves measures which encourage the individuals to become entrepreneurs and equip them with the necessary skills to make successful business. In essence, to spot opportunities, creating new ideas, having confidence and capabilities to turn these ideas into working realities. Success of Evidence: Around 60:5 Students became entrepreneur . They develops prototype to products.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Industry Driven Innovation For the development of Institution and students, enhanced collaboration between Institutions and Industry is the need of the hour. These collaborations enable us to identify industry needs and maintain quality within academic institutes. The industry also needs support from academic institutions to resolve their problems as well as the right people with right skill set. Every year we conduct Innovative Projects Expo for looking at the rapid pace of advancements in technology, there is a need to prepare our students to the requirements of industry by exposing them to innovative ideas and advanced technologies and methodologies. To inculcate innovative learning among students, the institute has also organized a programme with different industrial domain Page 69/70 11experts to present the recent trends and methodologies adopted in competitive industries. To discover innovative solutions for different problems encountered by industries. The best innovative seed or idea is transformed into prototype model. The winners will be sponsored by management for industry mentoring and internship for further project development. The students were also sponsored through the L.Kuppammal and

V.Loganatha Pillai Foundation Scholarship Scheme to present the model.

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

Encourage faculty members and students to participate in the International Level events.

Ensuring 70% of students to be placed in core companies.

To obtain 5 star rating by Institution's Innovation council by innovation cell, Ministry of Education, Govt. of India.

To get NBA accreditation for all eligible Programme and also to get the autonomous status from UGC.

To achieve a better NIRF Ranking.

All faculty members are encouraged to register for PhD programme and 30 % of faculty with PhD., qualification

To arrange more training programme for faculty and administrative members. Students enrollment to be increased to 80%